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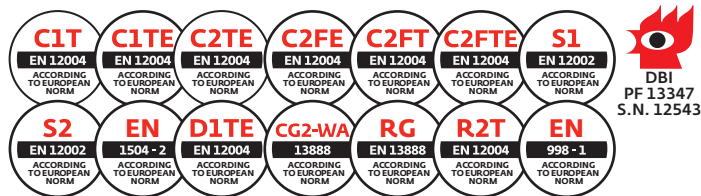
# **BUILDING SYSTEMS**





# PRODUCTS FOR THE INSTALLATION OF CERAMIC TILES AND NATURAL STONES

- 1 Adhesives in powder form
- 2 Adhesives in paste and liquid form
- 3 Joints grouts for ceramic tiles & natural stones
- 4 Epoxy grouts & Sealants for expansion joints
- 5 Spacers for tiling
- 6 Sponges for grout cleaning
- 7 Detergents and products for maintenance
- 8 Waterproofers and varnishes for coverings



## ◀ AMADA COLOSSOS RESORT

Installation of ceramic tiles in internal, external areas and inside swimming pools  
NOVABOND SUPER, NOVACOL FLEX, NOVAGROUT, NOVAGROUT EPOXY

# 1 ADHESIVES IN POWDER FORM

DESCRIPTION	COLOUR	PACK	PALLET
<b>KF 200 / NOVABOND / MK 1000</b> Cement based adhesives suitable for installing ceramic tiles in bathrooms on both walls and floors in internal areas. <i>Consumption:</i> 2,5 - 5kg/m <sup>2</sup> depending on the tile dimensions and the form of the substrate.	NOVABOND White	25kg	1250kg
	NOVABOND Grey	25kg	1250kg
	NOVABOND White	20kg	1200kg
	KF 200 White	25kg	1250kg
	KF 200 White	20kg	1200kg
	MK 1000 White	20kg	1200kg



CODE 00009 (NOVABOND white 25kg), 08533 (NOVABOND white 20kg), 00010 (NOVABOND grey 25kg), 04011 (KF 200 white 25kg), 08172 (KF 200 white 20kg), 08125 (MK 1000 white 20kg)

## MARMORAPID MR

Cement based thick bed adhesive (3 - 30mm) suitable for installing moisture stable, natural stones and ceramic tiles in applications which require mortar bed of high thickness on floors.  
*Consumption:* 1,7kg/m<sup>2</sup>/mm of mortar thickness.

White 25kg 1250kg



CODE 00007

## KF 300 / NOVACOL

Cement based adhesives suitable for the installation of medium size ceramic, gres porcelain tiles and moisture stable natural stones on both floors and walls in internal and external areas.  
*Consumption:* 2,5 - 5kg/m<sup>2</sup> depending on the tile dimensions and the form of the substrate.

KF 300 White 25kg 1250kg

KF 300 White 4x5kg 800kg

NOVACOL White 25kg 1250kg

NOVACOL Grey 25kg 1250kg



CODE 00014 (KF 300 white 25kg), 06541 (KF 300 white 5kg), 00002 (NOVACOL white 25kg), 00004 (NOVACOL grey 25kg)

## GRANDECOL / MK 2000

Cement based adhesives suitable for fixing ceramic tiles and moisture stable natural stones in internal and external areas. After mixed with appropriate quantity of enhancing latex they become flexible and can be used for setting tiles in demanding applications such as under floor heating installations, tile over tile and for the installation of large size tiles over existing tiles. Suitable for swimming pools up to 60m<sup>3</sup>.  
*Consumption:* 2,5 - 5kg/m<sup>2</sup> depending on the tile dimensions and the form of the substrate.

GRANDECOL White 25kg 1250kg

MK 2000 White 25kg 1250kg



CODE 04631 (GRANDECOL white 25kg), 04722 (MK 2000 white 25kg)

# 1 ADHESIVES IN POWDER FORM

DESCRIPTION	COLOUR	PACK	PALLET / BOX
<b>STARFLEX PLUS / NOVABOND SUPER</b> One component and high performance cement based adhesives suitable for installing ceramic gres porcelain tiles and moisture stable, natural stones on both internal and external areas, under floor heating installations. Suitable also for wet areas and swimming pools. If mixed with <b>SBR 50</b> they become flexible (type S1 according to EN 12002) and can be used for the installation of large size tiles. <b>Consumption:</b> 2,5 - 5kg/m <sup>2</sup> depending on the tile dimensions and the form of the substrate.	NOVABOND SUPER White	25kg	1250kg
	NOVABOND SUPER Grey	25kg	1250kg
	STARFLEX PLUS White	25kg	1250kg



CODE 00011 (NOVABOND SUPER white 25kg), 00008 (NOVABOND SUPER grey 25kg), 00003 (STARFLEX PLUS white 25kg)

<b>NOVACOL FLEX / TILE FIX FLEX / STARFLEX DIAMOND</b> One component high flexibility cement based adhesives suitable for the installation of ceramic tiles and moisture stable natural stones in both internal and external areas. They can be used in demanding applications such as waterproofed gypsum boards, under floor heating systems, external facades, large size tiles, tile over tile, swimming pools without the addition of enhancing latex. <b>Consumption:</b> 2,5 - 5kg/m <sup>2</sup> /mm depending on the tile dimensions and the form of the substrate.	NOVACOL FLEX White	25kg	1250kg
	TILE FIX FLEX White	25kg	1250kg
	STARFLEX DIAMOND White	25kg	1250kg














CODE 00006 (NOVACOL FLEX 25kg), 04504 (TILE FIX FLEX 25kg), 08140 (STARFLEX DIAMOND 25kg)

<b>NOVACOL FINE FLEX</b> One component, fine graded cement based adhesive ideal for the installation of thin and large size tiles during renovation projects since it is applied in the minimum of thickness. Certified also as a CG2/WA grouting compound, it can receive the addition of <b>NOVACOLOR OXIDE</b> pigment and used as grouting material for mosaic or ceramic tiles. As a levelling compound it can be applied in a minimum thickness of 0,6mm. For thick tiles NOVACOL FINE FLEX can be mixed with 20% sand <b>M1000</b> . Suitable for under floor heating systems, external facades, large size tiles, tile over tile, swimming pools without the addition of enhancing latex. <b>Consumption:</b> 1 - 5kg/m <sup>2</sup> /mm depending on the tile dimensions and the form of the substrate.	White	20kg	1200kg
	NOVACOLOR OXIDE White, Ochre, Black	250gr	30 pcs
	Brown, Red	250gr	30 pcs
	Blue	250gr	30 pcs
	Green	250gr	30 pcs



CODE 07723.  
 NOVACOLOR OXIDE CODE 07194 (white), 07149 (green), 07148 (blue), 07147 (red), 07146 (brown), 07145 (black), 07144 (ochre)

# 1 ADHESIVES IN POWDER FORM

DESCRIPTION	COLOUR	PACK	PALLET
<p><b>MARMOFLEX</b></p> <p>One component high flexibility and performance cement based adhesive. Combines extended open time with fast curing. It is suitable for installing almost every type of tile or slab such as ceramic tiles, natural stones, white marble, reconstructed stones (with the exception of those composed of materials such as green, red marble or similar). Suitable for under floor heating systems, external facades, large size tiles, swimming pools, tile over tile, without the addition of enhancing latex. For thick natural stones it can be mixed with the sand <b>M 1000</b>. Being part of the <b>NOVAMIX Marine Flooring System</b> it can be used on boats. <b>Consumption:</b> 2,5 - 7,0kg/m<sup>2</sup> depending on the tile dimensions and the form of the substrate.</p>	White	25kg	1250kg
	M 1000 sand	25kg	1000kg
			   
CODE 05913 (MARMOFLEX), 07731 (M1000)			
<p><b>NOVACOL FLOWSET</b></p> <p>One component, cement based adhesive and waterproofing compound. It can be used for both tiling and waterproofing with one single action (2 products in 1). In order to be used for both tiling and waterproofing, the application has to be done with a min 8mm notched trowel, in order to secure a 4mm mortar bed thickness (2mm as adhesive and 2mm for waterproofing). It can be used also for applications on vertical surfaces, if mixed with a smaller quantity of water. Ideal for tiling jobs in wet areas, swimming pools, tanks, industrial floors, metro stations, and supermarkets. Suitable for internal and external. <b>Consumption:</b> 1,3kg/m<sup>2</sup>/mm.</p>	Grey	25kg	1250kg
			   
CODE 05916			
<p><b>MARMORAPID</b></p> <p>One component high flexibility and performance cement based adhesive with fast setting time. It can be set to light foot traffic after 3 - 4 hours. Combines fast drying time with good workability for a fast setting adhesive. It is suitable for the installation of almost every type of tile such as ceramic, natural stones, white marble, reconstructed stones (with the exception of those composed of green, red marble or similar). Recommended for swimming pools, external facades, industrial floors, renovations especially during winter when a fast curing time is required. <b>Consumption:</b> 2 - 6 kg/m<sup>2</sup>/mm depending on the tile dimensions and the form of the substrate.</p>	White	25kg	1250kg
			  

## 2 ADHESIVES IN PASTE AND LIQUID FORM

DESCRIPTION	COLOUR	PACK	PALLET / BOX
<b>NOVACOL 37</b> One component water dispersion tile adhesive in paste form. It is suitable for vertical flexible substrates such as gypsum boards or wood without the need of priming. Suitable for interior. <i>Consumption:</i> 1,5 - 2,5kg/m <sup>2</sup> depending on the type of application.	White	12x1kg	-
	White	5Kg	390kg



CODE 06181 (1kg), 06104 (5kg)

<b>NOVACOL 2K ELASTIC</b> Two component, flexible epoxy polyurethane, adhesive for the installation of ceramic tiles and natural stones of every type on substrates such as wood, metal, PVC, linoleum under the condition that rising humidity from the substrate is not present or evident. It doesn't create stains on white marble. <i>Consumption:</i> 2 - 3kg/m <sup>2</sup> depending on the type of application.	White	5kg	390kg
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CODE 07824

<b>NOVAGROUT EPOXY</b>	NOVAGROUT EPOXY	4,55kg	409,5kg
Two component epoxy grout and acid resistant tile adhesive. Available in a whitish paste form of 4,55kg which is mixed with the pigment in powder form EPOCOLOR (450gr). It is used for the installation of ceramic tiles on substrates like metal or existing tiles and also for bonding and/or grouting tiles inside swimming pools, factories, tanks containing chemicals and in general areas subject to chemicals or heavy use. Tiles placed with NOVAGROUT EPOXY can receive light foot traffic after 24hours at +23°C and 50% R.H The special formulation NOVAGROUT EPOXY FREEZE is suitable for applications in low temperatures (>0°C). Upon special request can be provided premixed with EPOCOLOR for minimum quantity of 2.000kg. <i>Consumption:</i> 1,5kg/m <sup>2</sup> /mm of thickness.	NOVAGROUT EPOXY FREEZE	4,55kg	409,5kg
	EPOCOLOR 00,10,11,12,13,14 20,30,31,32,34,35 40,41,42,44	450gr	30 pcs
	46,55,62,72,74,80	450gr	30 pcs
	EPOCOLOR WOOD LINE 90,91,93,95 96,97,98,99	450gr	30 pcs



CODE 06357.  
 CODE 06362 (00), 06398 (10), 06356 (11), 08427 (12), 06363 (13), 06369 (14), 06365 (20), 06364 (30), 06558 (31),  
 06384 (32), 08308 (34), 06525 (35), 08303 (40), 06455 (41), 06382 (42), 06366 (44), 08281 (46), 08133 (55), 08314 (62),  
 08044 (72), 08290 (74), 08304 (80), 08245 (90), 08246 (91), 08247 (93), 08248 (95), 08249 (96), 08250 (97), 08251 (98),  
 08252 (99)

# 3 JOINTS GROUTS FOR CERAMIC TILES & NATURAL STONES

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVAGROUT F (0-10mm) &amp; G (5-20mm)</b> Cement based grout for narrow (F) or wide (G) joints between ceramic tiles and / or natural stones. No requirement for mixing with enhancing latex. Suitable for interior, exterior floors and walls, facades, showers, under floor heating installations. <i>Consumption:</i> see page 11.  (* ) Minimum order of 2 pallets (** ) <b>Note:</b> The pallet packaging may vary depending on the type of loading (container or truck).	F 00,10,11,12,13	4x5kg	800kg
	F 09,30,31,32,35 39,40,41,46,47	4x5kg	800kg
	F 42,44	4x5kg	800kg
	F 00,10,11,12,13*	20kg	1000kg
	F 09,30,31,32,35 39,40,41,46,47*	20kg	1000kg
	F 42,44*	20kg	1000kg
	G 00,10,11,13	4x5kg	800kg
	G 32	4x5kg	800kg
	G 12,30,31,35 41,46,47*	25kg	1250kg
	G 14,20,42,44,65*	25kg	1250kg

CODE 00018 (00), 0822 (09), 00019 (10), 00020 (11), 07717 (12), 00021 (13), 00024 (30), 00025 (31), 00026 (32), 00027 (35), 08207 (39), 04022 (40), 00028 (41), 00029 (42), 00030 (44), 06899 (46), 06956 (47) - F (5kg).  
07365 (00), 08369 (10), 06419 (11), 08534 (12), 06862 (13), 06468 (31) - F (20Kg).  
00040 (00), 00041 (10), 04025 (11), 00042 (13), 04030 (32) - G (5Kg).  
05957 (13), 06374 (32) - G (25Kg).



## NOVACOLOR F (0-10mm)

Cement based grout for narrow joints between ceramic tiles and / or natural stones. No requirement for mixing with enhancing latex.  
Suitable for interior, exterior floors and walls, facades, showers, under floor heating installations.  
*Consumption:* see page 11.

00,11,13	4x5kg	800kg
30,32,41	4x5kg	800kg

CODE 06127 (00), 06128 (11), 06129 (13), 06130 (30), 06131 (32), 06134 (41)

## NOVACOLOR GLASS (0-8mm)

Super fine textured grout in powder form with smooth final surface. Practically waterproof and can be used inside swimming pools in cases where the use of epoxy grouts is not possible.  
It can be applied in very narrow joints (almost zero width) between rectified and glass mosaic tiles and in general applications of high aesthetic value.  
*Consumption:* see page 11.

00,10,11,13 30,32,34,35 41,60	4x5kg	800kg
14,20	4x5kg	800kg
72,74	4x5kg	800kg

CODE 06279 (00), 06444 (10), 06297 (11), 06298 (13), 06482 (14), 06503 (20), 06446 (30), 06448 (32), 07009 (34), 06504 (35), 06499 (41), 08219 (60), 08220 (72), 08221 (74)

## NOVAGROUT STONE (10-30mm)

Cement based grout specially designed for joints between natural and cement based artificial stones with rustic finish only for walls.  
Available in a minimum quantity of 1.250kg.

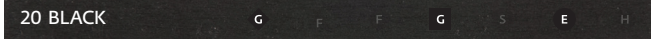
05	25kg	1250kg
13,32	25kg	1250kg

CODE 07695 (05), 06544 (13), 06354 (32)

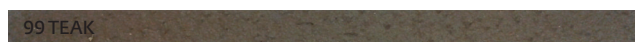
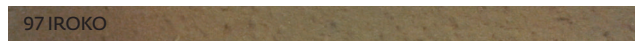
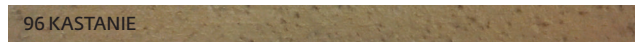
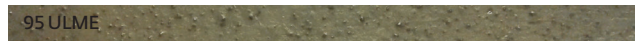
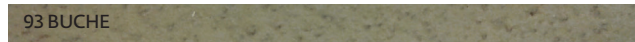




# ↘ JOINT GROUTS WHICH HIGHLIGHT THE TILES



## ↘ EPOCOLOR WOOD LINE



## ↘ NOVAGROUT DECO EPOXY & NOVAGLITTER



- NOVACOLOR GLASS    NOVAGROUT F    NOVACOLOR F    NOVAGROUT G
- NOVAGROUT STONE    NOVAGROUT EPOXY    NOVACOLOR HNR

NOTE: Due to printing process all colours presented should be considered as indicative.

# 4 EPOXY GROUTS & SEALANTS FOR EXPANSION JOINTS

DESCRIPTION	COLOUR	PACK	PALLET / BOX
<b>NOVAGROUT EPOXY (1-15mm)</b> Two component fine graded epoxy grout resistant to acids and various chemical substances. Available in whitish paste form (plastic pots of 4,55kg) which is mixed with the pigment in powder form EPOCOLOR (plastic pots of 450gr). It is cleaned up easily with clean water whistle fresh. It is ready to be set on light foot traffic after 24 hours at +23°C. The pigments EPOCOLOR WOOD LINE resemble to the most common parquet ceramic tiles. The NOVAGROUT EPOXY FREEZE edition is suitable for grouting tiles at low temperatures (>0°C). Upon special request can be provided premixed with EPOCOLOR for minimum quantity of 2.000kg. <i>Consumption:</i> see page 11.	NOVAGROUT EPOXY	4,55kg	409,5kg
	NOVAGROUT EPOXY FREEZE	4,55kg	409,5kg
	EPOCOLOR 00,10,11,12,13,14 20,30,31,32,34,35 40,41,42,44	450gr	30 pcs
	46,55,62,72,74,80	450gr	30 pcs
	EPOCOLOR WOOD LINE 90,91,93,95 96,97,98,99	450gr	30 pcs
<b>NOVAGROUT DECO EPOXY (1-15mm)</b> Two component epoxy grout enhanced with glitter. Available in whitish paste form (plastic pots of 3kg) which is mixed with the pigment in powder form NOVAGLITTER (plastic pots of 300gr). It is cleaned up easily with clean water whistle fresh. After mixed with NOVAGLITTER provides a luminous effect which normal cement based or epoxy grouts cannot provide. Ideal for inox mosaic or similar tiles. <i>Consumption:</i> see page 11.	NOVAGROUT DECO EPOXY	3kg	234kg
NOVAGLITTER	300gr	30 pcs	
<b>NOVACOLOR HNR</b> High performance neutral silicone sealant recommended for movement joints. It is available in specific colours of the relevant NOVAMIX colour chart. It is suitable for swimming pools, external floors and for expansion joints between natural stones. For total water immersion or between absorbent surfaces like natural stones, it is recommended to first seal the joints with PRIMER NR 2K. <i>Consumption:</i> see page 11.	00, 10 11, 12, 31, 32, 47		12x280ml 12x280ml
<b>PU 500</b> One component polyurethane sealant used for movement joints. Recommended in applications where a fast seal and high resistance to wear is required. It can receive paint. Suitable for floors, walls, glass or metal. <i>Consumption:</i> see page 11.	White Grey		15x600ml 15x600ml
<b>PRIMER NR 2K</b> Two component epoxy primer. It is free of solvents and it is used for priming joints prior to the application of sealants like NOVACOLOR HNR or PU 500 in external floors, swimming pools, shower cabins and absorbent substrates like wood or concrete. The application of the sealant takes place after 2 - 18 hours after the PRIMER NR 2K application at +23°C. <i>Consumption:</i> 15ml / linear meter of joint.			500ml

CODE 06357. ΚΩΔ. 06362 (00), 06398 (10), 06356 (11), 06363 (13), 06369 (14), 06365 (20), 06364 (30), 06558 (31), 06384 (32), 06525 (35), 06455 (41), 06382 (42), 06366 (44), 06538 (73)



CODE 08210 (00), 08211 (10), 08212 (11), 08213 (12), 08214 (31), 08215 (32), 08216 (47)



CODE 04804 (white), 04805 (grey)



CODE 07018



## 5 SPACERS FOR TILING

### WEDGES



CODE.	DESCRIPTION	BOX
07829	Art NOVA 6HS	500 pcs

### T SHAPED SPACERS



CODE.	DESCRIPTION	BOX
07830	Art NT 2	500 pcs
07831	Art NT 3	500 pcs
07832	Art NT 4	500 pcs
07833	Art NT 5	500 pcs
07834	Art NT 7	500 pcs
07835	Art NT 9	500 pcs

### SPACERS FOR GLASSBRICKS



CODE.	DESCRIPTION	BOX
07843	Art GLASS	100 pcs

### SPACERS



CODE.	DESCRIPTION	BOX
07836	Art ST 1	500 pcs
07837	Art ST 2	500 pcs
07838	Art ST 3	500 pcs
07839	Art ST 4	500 pcs
07840	Art ST 5	500 pcs
07841	Art ST 7	500 pcs
07842	Art ST 9	500 pcs

## 6 SPONGES FOR GROUT CLEANING

### SPONGES



DESCRIPTION	BOX
Art 291 OVALE Cululose sponge (for EPOXY)	20 x 11 H 5 cm
Art 291 EPOXY Hard sponge (for EPOXY)	19 x 10 H 5 cm
Art 291 MAXIT Sponge dimensions	20 x 13 H 7 cm
Art 227 B For sensitive coverings	White
Art 227 N For strong coverings	Black

CODE 05381 (291 OVALE), 05666 (291 EPOXY), 05631 (291 MAXIT), 05667 (227 B), 05654 (227 N)

## TABLE A1 JOINT CONSUMPTION<sup>(\*)</sup>

TILE DIMENSIONS (mm)	JOINT WIDTH D (mm)							
	A x B x C	1	2	3	5	8	10	15
50 x 50 x 4		0,24	0,48	0,72	1,20	2,04	2,56	3,84
120 x 240 x 12		0,22	0,45	0,67	1,12	1,92	2,40	3,60
200 x 200 x 8		0,12	0,24	0,36	0,60	1,02	1,28	1,92
200 x 900 x 12		0,11	0,22	0,33	0,55	0,93	1,17	1,76
250 x 400 x 8		0,07	0,15	0,23	0,39	0,66	0,83	1,24






\* A: length of the tile in mm, B: width of tile in mm, C: tile thickness in mm, D: width of joint in mm

$\frac{(A+B)}{(A \times B)} \times C \times D \times 1,50 =$  consumption in kg/m<sup>2</sup> for F, GLASS. For G & EPOXY multiply with 1,60.

## TABLE A2 CONSUMPTION NOVACOLOR HNR & PU 500

JOINT SIZE (mm)	LINEAR METERS PER CARTRIDGE (m) HNR	LINEAR METERS FOR 600ml (m) PU 500
5 x 5	11	24
5 x 10	5	12
10 x 10	3	6
15 x 10	2	4
20 x 10	1,5	3
25 x 15	0,5	1,6

## 7 DETERGENTS & PRODUCTS FOR MAINTENANCE

DESCRIPTION	PACK.	PALLET
<p><b>ACID CLEAN</b>            Acidic detergent suitable for the removal of stains like cement, plaster, grout and cement based adhesive residues, from all kind of acid resistant surfaces.            It does not emit fumes and doesn't damage inox (not total immersion).  <i>Consumption:</i> for tiles and non polished natural stones: 3 – 5lt/100m<sup>2</sup>.</p>	5x1L 4x5L	- 480L
<p>CODE 04079 (1L), 00066 (5L)</p>		
<p><b>HARD REMOVER</b>            Transparent water dispersion liquid which when applied pure on marble, concrete and in general mineral surfaces reacts with stains like rust, traces of cement, dirt and creates a transparent residue which is removed with water.            It doesn't damage sensitive coverings like polished marble but in case of doubt it is recommended to prepare a test area.  <i>Consumption:</i> 15 - 20m<sup>2</sup>/L depending on the type of application.</p>	5x1L	-
<p>CODE 07825</p>		
<p><b>NEUTROCLEANER</b>            Neutral detergent recommended for the daily cleaning of sensitive to acid, coverings. Ideal for daily maintenance of domestic coverings, like ceramic tiles, stone, PLANOCOLOR decorative coatings and even sensitive coverings like polished marble, granite, wooden floors, PVC or linoleum.            In high dilution doesn't require rinsing.            It is odourless and hypoallergenic.  <i>Consumption:</i> general cleaning: 1.200 - 1.500 m<sup>2</sup>/L diluted 1:200.</p>	5x1L 4x5L	- 480L
<p>CODE 07718 (1L), 07719 (5L)</p>		
<p><b>ALKALINE CLEANER</b>            Concentrated alkaline based professional detergent suitable for the removal of 'oily stains like waxes, rubber shoe marks, grease, rubber wheel marks from surfaces like ceramic tiles, natural stones (perform always a test area), PLANOCOLOR decorative coatings, barbeques, parking floors.            It is also used for the removal of waxes or sealers.            For special maintenance it can be used undiluted on a dry surface.            Do not apply on sensitive polished coverings without testing.            Always rinse well after its application.  <i>Consumption:</i> 1L/200m<sup>2</sup> (diluted 1:20), solid liquid wax removal 1L/20m<sup>2</sup> (diluted 1:5).</p>	5x1L 4x5L	- 480L
<p>CODE 07720 (1L), 07721 (5L)</p>		
<p><b>UNIVERSAL CLEANER ALC</b>            Alkaline based detergent suitable for the daily maintenance of coverings like ceramic tiles, stones, PLANOCOLOR decorative coatings, from 'oily stains like waxes, rubber wheel or shoe marks, grease.            Always rinse well after the stain removal.            Do not apply on sensitive polished coverings without testing.  <i>Consumption:</i> general cleaning: 1L / 100m<sup>2</sup> (diluted 1:10).</p>	5x1L 4x5L	- 480L
<p>CODE 07784 (1L), 07785 (5L)</p>		

# 7 DETERGENTS & PRODUCTS FOR MAINTENANCE

DESCRIPTION

PACK.

## CLEANCOLL

5x1L

Stain remover in liquid form which when comes in direct contact with epoxy, acrylic or polyurethane residues makes them 'soft' enough to be removed by means of a soft cloth from coverings such as ceramic tiles or PLANOCOLOR decorative coatings. Apply it undiluted on the stain till it dissolves it. During application protect acrylic or polyethylene surfaces. If in contact with aluminium it doesn't affect it but exists the risk of damaging the colour.

**Consumption:** depending on the type of application.

CODE 07811



## CLEANCOLL SP

16x1L

High performance paint 'stripper' in gel form. Suitable for the removal of old waxes, paints and sealers.

Due to its gel form it is ideal for application on vertical surfaces and for the removal of graffiti.

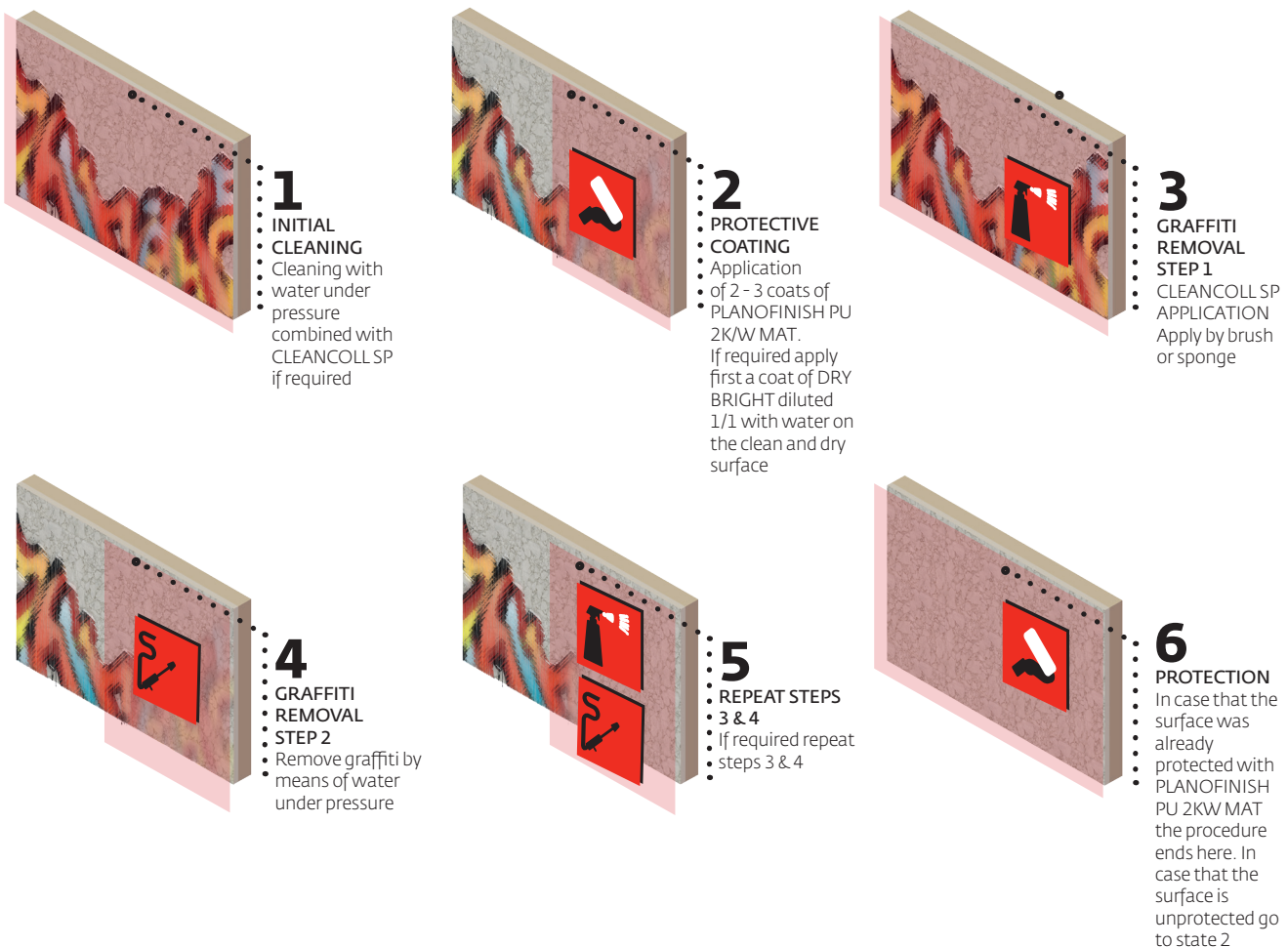
During application protect acrylic or polyethylene surfaces. If in contact with aluminium it doesn't affect it but exists the risk of damaging the colour.

**Consumption:** depending on the type of application.











CODE 08316



## NOVAMIX ANTIGRAFFITI SYSTEM



# 8 WATERPROOFERS & VARNISHES FOR COVERINGS

DESCRIPTION	PACK.	PALLET
<p><b>PLANOFINISH PU 2K W MAT</b> Aliphatic polyurethane sealer which provides a mat finish. It is applied in 2 - 3 coats undiluted on the dry surface with a time interval of 15 - 30min between the 2 coats. Its fast application makes it suitable for external areas, where falling dust and leafs may damage the seal. It doesn't alter the final appearance or colour of the covering (MAT finish) protects natural stone coverings from water or oily dirt. Suitable for protecting coverings on external walls from graffiti stains. <i>Consumption:</i> 120 - 180ml/m<sup>2</sup> for two coats depending on the absorption of the covering. CODE 08232 (0,75L) + 07967 (0,25L) 1L, 08101 (3L) + 07966 (1L) 4L</p>	1L 4L	- 312L
	 	
<p><b>PROTECT 100</b> Silicone based water repelling agent for the waterproofing protection of natural stones, veneer bricks, renders, cement based joints between tiles and mineral surfaces. It provides good waterproofing protection while in the same time it allows to the surface to 'breathe'. It is suitable also for external areas. <i>Consumption:</i> 0,1 - 2,0 L/m<sup>2</sup> in two coats. CODE 04069 (1L), 04386 (5L)</p>	5x1L 4x5L	- 480L
	 	
<p><b>PROTECT 200</b> Siloxane base water and oil repelling agent for the waterproofing protection of natural stones, veneer bricks, renders, cement based joints between tiles and mineral surfaces. It provides good waterproofing protection while in the same time it allows the surface to 'breathe'. It is suitable also for external areas without creating crusts. <i>Consumption:</i> 0,1 - 2,0 L/m<sup>2</sup> in two coats. CODE 00065 (1L), 04070 (5L)</p>	5x1L 4x5L	- 480L
	 	
<p><b>PROTECT 300 S</b> Solvent based waterproofing agent with high penetration capability even inside reduced absorbency coverings such as polished natural stones like marble, granite and travertine. Suitable also for mineral surfaces like cement based decorative bricks, artificial stone or terrazzo tiles. Waterproofs without altering the final appearance of the coverings. Provides enhanced protection against oily or colored pollutants like wine and coffee. It also facilitates the removal of graffiti and posters from external walls. Over absorbent surfaces it is applied after a primer coat of <b>PROTECT 100</b>. It is applied in 1 coat (non-absorbent coverings) or 2 coats (absorbent coverings) without leaving excess material which will create superficial membrane. <i>Consumption:</i> 2-3 L/100m<sup>2</sup> for surfaces of reduced absorbency and 5-10 L/100m<sup>2</sup> for absorbent.</p>	5x1L 4x5L	- 480L
	 	
<p><b>WET PLUS S</b> One component sealer for the protection and the color enhancing of non-polished natural stones applied in interior and exterior. It has great adhesion and surface penetration ability combined with resistance to UV radiation. Protects the surface from water and oily stains providing also a 'wet look' appearance to the final surface. It is spread undiluted by brush or appropriate sponge in one or two layers, depending on the type of application, taking care not to leave excess material on the treated surface. Suitable for slate, travertine, colored marble, granite, <b>PLANOCOLOR TERRAZZO</b> and micro-pebble decorative coatings. <i>Consumption:</i> 2-4 L/100m<sup>2</sup> depending on the type of application.</p>	5x1L 4x5L	- 480L
	 	



ATHENS & THESSALONIKI METRO STATIONS  
 BONDING & GROUTING OF NATURAL GRANITE & CERAMIC TILES  
 MARMOFLEX, NOVACOL FLEX, NOVAGROUT, PU 500, NOVACOLOR HNR



MARMARI PALACE HOTEL, KOS ISLAND  
 BONDING & GROUTING TILES  
 NOVACOL FLEX, NOVAGROUT  
 NOVAGROUT EPOXY



SANI RESORT HOTEL, CHALKIDIKI  
 BONDING & GROUTING TILES  
 STARFLEX DIAMOND, GRANDECOL, NOVAGROUT



ATLANTICA HOTELS & RESORTS, RODOS ISLAND  
 BONDING, GROUTING TILES, MOSAIC & SWIMMING POOL TILES  
 NOVACOL FLEX, NOVABOND SUPER, NOVAGROUT, NOVAGROUT EPOXY

PRINCESS ADRIANA RESORT & SPA, RODOS ISLAND  
 BONDING & GROUTING TILES, MOSAIC & SWIMMING POOL TILES  
 MARMOFLEX, NOVABOND SUPER, NOVAGROUT EPOXY, NOVAGROUT



H & M  
 BONDING & GROUTING TILES ON EXISTING TILES  
 NOVABOND SUPER, NOVAGROUT, PLANO CONTACT











# SPECIAL BUILDING MATERIALS & ADHESIVES

- 9 Specialized mortars & adhesives
- 10 Products for dry wall
- 11 Primers for various uses
- 12 Concrete waterproofing & protection
- 13 Concrete repair systems
- 14 Products for substrate leveling
- 15 Specialized wall and floor paints
- 16 Cement based renders & organic plasters
- 17 Smoothing compounds
- 18 Admixtures for cement based adhesives & mortars



## 9 SPECIALIZED MORTARS & ADHESIVES

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVACOL KR D3</b> One component water dispersion adhesive. It is used for fixing wood or making wooden constructions. After it sets it becomes transparent and it can be grinded and polished. Although it has a good resistance to moisture it is recommended only for internal use. <b>Consumption:</b> 150 - 200 gr/m <sup>2</sup> depending on the type of application.		32x500ml	-
		12x1kg	-
		5kg	390kg
			
CODE 06228 (500ml), 04598 (1Kg), 04599 (5Kg)			
<b>NOVABOND FR</b> Fire resistant cement based mortar suitable for bonding and grouting firebricks. It is used for making fireplaces, barbeques and generally constructions exposed to high temperature up to +1.200°C. Applications where NOVABOND FR has been used can be exposed to high temperatures after 7 days. Small test of fire place workability can take place after 24 - 48 hours. <b>Consumption:</b> Depending on bricks size and joint width. For bricks 20x10x3cm <sup>3</sup> with 1cm wide joint 5kg/m <sup>2</sup> of wall is required.	Grey	4x5kg	800kg
	Grey	25kg	1250kg
			
CODE 04759 (5kg), 04760 (25Kg)			
<b>NOVACOL PB</b> Cement based adhesive mortar certified for fixing expansive block masonry. It has an extended open time providing easy application process. It can also be applied with flat trowel as a levelling compound in a small thickness (6mm) without the need of special primer. <b>Consumption:</b> 12 - 15kg/m <sup>3</sup> of wall.	White	25kg	1250kg
			
CODE 03933			
<b>NOVACOL GL</b> Brilliant white, one component and fast curing cement based mortar certified for the fast bonding and grouting of glass bricks on walls. It is thixotropic with excellent adhesion to non absorbent materials. Ideal also for restorations since it facilitates the fast building of the glass brick wall. <b>Consumption:</b> 12 - 15kg/m <sup>3</sup> of wall.	White	4x5kg	800kg
	White	25kg	1250kg
			
CODE 04454 (5Kg), 00013 (25Kg)			
<b>FC 10</b> Fast setting cement based compound which sets within 10 min. It is recommended for various fast applications such as fixing heating panels, door frames. It can be used for fast cement screed repairs, bonding tiles in repair jobs or for drain formation prior to the application of waterproofing mortars such as SC 200 PENETRATE or SC ELASTIC. <b>Consumption:</b> 1,5 kg/m <sup>2</sup> /mm of thickness.	Grey	4x5kg	800kg
			
CODE 04822			

## 9 SPECIALIZED MORTARS & ADHESIVES

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVABOND PS FLEX</b> Cement based and highly deformable adhesive (S2 according to EN 12002) ideal for fixing insulating boards on substrates such as cured concrete or bricks. With <b>THERMONET</b> incorporation can be used as base coat render prior to the application of the final decorative plaster, on thermal facades. It has great slip resistance for easy wall application and extended open time in order to be applied in exterior. <i>Consumption:</i> 1,4 Kg/m <sup>2</sup> of thickness.	White	25kg	1250kg
	Grey	25kg	1250kg
<b>NOVABOND PS FIBER</b> Fibre reinforced and fine graded cement based adhesive mortar for fixing insulating boards on rigid substrates such as concrete or brick walls. It has great slip resistance for easy wall application and extended open time. It also has excellent adhesion to the insulation boards. With <b>THERMONET</b> incorporation can be used as base coat render prior to the application of the final decorative plaster, on thermal facades. <i>Consumption:</i> 1,4 Kg/m <sup>2</sup> of thickness.	White	25kg	1250kg

CODE 04739 (white), 07075 (grey)



CODE 08474



### NOVAMIX THERMONET

High performance alkali resistant fiberglass net suitable for reinforcing NOVABOND PS FLEX or PS FIBER when used as base coat render on 'thermal facades', prior to the application of the final decorative plaster.  
*Dimensions:* Height = 1m, Length = 50m. *Weight:* 140gr/m<sup>2</sup>.

CODE 07847



## 10 PRODUCTS FOR DRYWALL

DESCRIPTION	COLOUR	PACK	PALLET
<b>JOINT FILLER</b> Brilliant white smoothing and levelling compound in paste form. It is used for filling joints in gypsum boards and cement boards in internal areas, for grouting defects like screws and finishes in joints and corners. <b>JOINT FILLER</b> is also suitable for smoothing walls prior to painting and can be used also in renovations in internal areas. <i>Consumption:</i> 1Kg/m <sup>2</sup> /mm thickness.	White	5kg	390kg
	White	25kg	450kg

CODE 07669 (5kg), 07668 (25kg)



# 11 PRIMERS FOR VARIOUS USES

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVADUR W</b> Acrylic primer in water dispersion used only on absorbent substrates. It is suitable for waterproofing and consolidating absorbent and slightly 'dusty' substrates before painting or prior to the application of coverings such as marble or ceramic tiles or wall smoothing compounds like <b>NOVAFINA</b> or <b>STUCCOFINA</b> . It is applied undiluted.		12x1L	-
		4x5L	480L
		20L	480L



CODE 06769 (1L), 06689 (5L), 06688 (20L)

<b>NOVAPRIMER</b> Water dispersion acrylic primer with high penetration ability. It is used for waterproofing and consolidation of absorbent substrates, prior to the application of tile adhesives, wall smoothing compounds and decorative plasters. It is suitable for waterproofing gypsum boards prior to the application of coverings like ceramic tiles in wet areas. It doesn't create any barrier to rising humidity. The application of the covering takes place after 40 - 60min.		12x1L	-
		4x5L	480L
		20L	480L



CODE 00059 (1L), 06289 (5L), 06290 (20L)

<b>PLANOPRIMER</b> Synthetic resin based primer in water dispersion, which is applied on 'dusty' absorbent substrates which do not require consolidation, in order to provide a uniform absorption to the substrate prior to the application of coverings and decorative coatings. Enhances the adhesion of cement based coatings like tile adhesives, self-levelling compounds, and even concrete repair mortars like RC 340. Suitable also for acrylic based coatings such as quartz plasters produced with <b>PLANOCOLOR AC</b> . Certificated for use in boats, as part of the <b>NOVAMIX MARINE FLOORING SYSTEM</b> .		12x1L	-
		4x5L	480L
		20L	480L



CODE 08151 (1L), 06479 (5L), 06480 (20L)

<b>PLANOBOND</b> One component primer enhanced with silica sand, used for creating adhesive bridge on smooth and absorbent substrates. It is applied on surfaces such as smooth concrete prior to the application of cement or gypsum based renders, cement based adhesives of thermal insulation systems, acrylic plasters in paste form. Red coloured for controlling the coverage of the primed surface. It can receive coverings 24 hours after its application.	Terracotta	5kg	390kg
	Terracotta	20kg	360kg



CODE 06652 (5Kg), 06609 (20Kg)

<b>PLANOBOND NEUTRAL</b> Translucent primer based on synthetic resins in paste form mixed with fine graded silica sand that can be coloured with <b>NOVACOLOR DESIGN PR</b> pigments. It can be applied on smooth concrete and generally smooth and absorbent surfaces in order to create a bonding bridge before applying organic plasters on thermal facades, when a coloured primer is required. Accepts coating after 24 hours.		20kg	360kg
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CODE 07959

# 11 PRIMERS FOR VARIOUS USES

DESCRIPTION	COLOUR	PACK	PALLET / BOX
<b>PLANO CONTACT</b> One component primer enhanced with silica sand, for creating adhesive bridge on non absorbent surfaces such as smooth concrete, metal, glass and old ceramic prior to the application of cement based adhesives, organic plasters or microcement coatings. If required it can be diluted with 15% of water on absorbent substrates. It can receive coating after 2 - 3 hours. Certificated for use in boats, as part of the NOVAMIX MARINE FLOORING SYSTEM. CODE 06106 (5kg), 06165 (15kg)	Beige	5kg	390kg
	Beige	20kg	360kg



**NOVACOLOR DESIGN PR**  
 Pigments in liquid form for mixing with primers applied prior to decorative coatings or coatings where there is a risk that the colour of the substrate will affect the shade of the final surface of the coating. **Consumption:** depending on the type of application.

Ochre,  
Green, Blue,  
Terracotta,  
Brown, Black



24x200ml

**WATER PRIMER EPX**  
 Two component water based epoxy primer for in depth consolidation of absorbent surfaces. It has a great penetrating ability and forms barrier to rising humidity of up to 4%. It is applied in one or two coats. Whilst fresh scatter silica sand like S 500 on the final coat in order to create adhesive bridge with the subsequent cement based covering layer like self levelling compounds, tile adhesives. If an epoxy coating like PLANOFLOOR EPX or PLANOCOAT EPX is going to be applied, there is no requirement of following this procedure. The application of the epoxy coating must take place within 4 - 18 hours otherwise an additional coat of PLANOPRIMER EPOXY should be applied.  
 CODE 07913 (A), 07914 (B)



(2+1)L

**PLANOPRIMER EPOXY**  
 Two component, epoxy primer free of solvents, used for creating adhesive bridge on non-absorbent substrates such as existing marble or ceramic tiles, metal, prior to the application of epoxy paints or coatings. In order to create adhesive bridge prior to the application of cement based compounds like tile adhesives, scatter silica sand like S 500 on the still fresh PLANOPRIMER EPOXY layer. If an epoxy coating like PLANOCOAT EPX is going to be applied, there is no requirement of following this procedure. The application of the epoxy coating must take place within 4 - 18 hours otherwise an additional coat of PLANOPRIMER EPOXY should be applied.  
 CODE 06539, 04576 (S500)

(1,9 + 1,1)L  
 S 500 25kg 1000kg



## TABLE B ▽ PRIMERS CONSUMPTION & FUNCTION

DESCRIPTION	ADHESIVE BRIDGE	CONSOLIDATION	CONSUMPTION
PLANO CONTACT	YES	-	250 - 400 gr/m <sup>2</sup>
PLANOBOND	YES	-	300 - 400 gr/m <sup>2</sup>
PLANOBOND NEUTRAL	YES	-	300 - 400 gr/m <sup>2</sup>
NOVADUR W	-	YES	200 - 300 ml/m <sup>2</sup>
NOVAPRIMER (undiluted)	-	YES	200 - 300 ml/m <sup>2</sup>
NOVAPRIMER (1:3 with water)	-	YES	70 - 100 ml/m <sup>2</sup>
NOVAPRIMER (consolidation)	-	YES	300 - 1000 ml/m <sup>2</sup>
PLANOPRIMER	-	Superficial only	100 - 300 ml/m <sup>2</sup>
WATER PRIMER EPX	-	YES	150 - 300 ml/m <sup>2</sup>
PLANOPRIMER EPOXY (scattering S 500)	YES	-	100 - 200 ml/m <sup>2</sup>

# 12 CONCRETE WATERPROOFING & PROTECTION

DESCRIPTION	COLOUR	PACK	PALLET
<b>SC 100</b> One component, cement based waterproofing mortar for the protection of ground foundations and vertical surfaces in wet areas such as bathrooms, kitchens. <i>Consumption:</i> 1,5 kg/m <sup>2</sup> /mm.	White	4x5kg	800kg
	White	25kg	1250kg
	Grey	25kg	1250kg
CODE 07499 (5kg), 05960 (white), 00067 (grey)			
<b>SC 200 PENETRATE</b> Two component, cement based waterproofing system, suitable for swimming pools, terraces, bathrooms. Due to its high content of special cements it has the ability to penetrate inside the concrete porosity and create a composite 'salt' that blocks humidity providing also an elastic membrane. <b>SC 200 PENETRATE</b> provides also protection to concrete from carbonization according to EN 13295. It is recommended to incorporate in the first coat <b>FIBERGLASS NET</b> in order to observe the application thickness. <i>Consumption:</i> 3,5 - 4 kg/m <sup>2</sup> /mm.	White	(25+7)kg	1250kg
	Grey	(25+7)kg	1250kg
	B Liquid	7kg	350kg
CODE 07605 (white), 07606 (grey), 07604 (liquid)			
<b>SC 200 EASY FLEX</b> Highly elastic, two-component, waterproofing cement based mortar with excellent workability and ease of application. It is applied by roller. Suitable for applications in showers, terraces, swimming pools, water tanks. It develops high resistance to UV radiation and can therefore be exposed in roofs without traffic. Minimum required application thickness 2mm. <b>SC 200 EASY FLEX</b> has the ability to bridge cracks up to 2,5 mm in concrete or cement plasters. <i>Consumption:</i> 1,7kg/m <sup>2</sup> /mm.	White	(20+10)kg	1000kg
	Grey	(20+10)kg	1000kg
	B Liquid	10kg	500kg
CODE 08173 (white), 08174 (grey), 08185 (liquid)			
<b>SC ELASTIC</b> One component, fibre reinforced, cement based and elastic compound. It is used for waterproofing areas such as swimming pools, terraces, water tanks, as well as for protecting concrete from carbonization in bridges or ports according to EN 13295. Since it is highly resistant to UV radiation and with high mechanical strength, it can be applied also exposed on roofs with light foot traffic. It can be applied also on non absorbent coverings like existing ceramic tiles. It is recommended to incorporate in the first coat <b>FIBERGLAS NET</b> in order to observe the application thickness. <i>Consumption:</i> 1,2kg/m <sup>2</sup> /mm.	White	5kg	390kg
	White	20kg	1000kg
	CODE 04904 (5Kg), 00068 (20Kg)		
<b>SC FAST</b> One component and super-fast setting cement based compound for sealing water leaks, even under continuous water pressure. The product works as a "water plug" and after the water leak is sealed the waterproofing of the total surface is finished by applying the proper waterproofing compound like <b>SC ELASTIC</b> or <b>SC 200 PENETRATE</b> . <i>Consumption:</i> 1,7kg/L of cavity.	Grey	16x1kg	-
	Grey	5kg	390kg
	CODE 06716 (1Kg), 04856 (5Kg)		



# 12 CONCRETE WATERPROOFING & PROTECTION

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVAROOF AC FIBER</b>	White	5kg	390kg
	White	20kg	360kg

## NOVAROOF AC FIBER

Highly flexible, one component, fibre reinforced liquid, acrylic membrane for waterproofing insulation. It is resistant to UV radiation and weather conditions. It provides perfect adhesion on common absorbent but not friable substrates we usually meet in construction sites. Due to its fibre reinforcement, it does not require incorporation of FIBERGLAS NET with the exception of small spot repairs.

It can be applied on roof tops, asbestos cement, steel and gypsum boards.

Absorbent substrates should be primed first with NOVAPRIMER.

Not suitable for total water immersion (i.e. water tanks or swimming pools).

**Consumption:** 1,5 – 2,0kg/m<sup>2</sup>.



CODE 07152

## NOVAROOF PU ECO

Two component, liquid membrane free of solvents, with high resistance to UV radiation and chemical aggression. It is suitable for total water immersion and for coating tanks containing drinking water.

**Consumption:** 1,2kg/m<sup>2</sup> (applied in two coats).

Beige 7kg -



CODE 07085

## NOVAMIX FIBERGLASS NET

High performance alkali resistant fiberglass net suitable for reinforcing low thickness mortars such SC ELASTIC or SC 200 PENETRATE, cement based mortars, plasters etc. It provides also a better control of the applied mortar thickness and the relative consumption.

**Dimensions:** Height = 1m, Length = 50m.

50m<sup>2</sup> 3000m<sup>2</sup>



CODE 07065

## ☞ CAVE OF THE APOCALYPSE, PATMOS

Concrete restoration and coatings of tanks containing drinking water

NOVAFER, RC 340, SC 200 PENETRATE, WATERPRIMER EPX, NOVAROOF PU ECO



# 13 CONCRETE REPAIR SYSTEMS

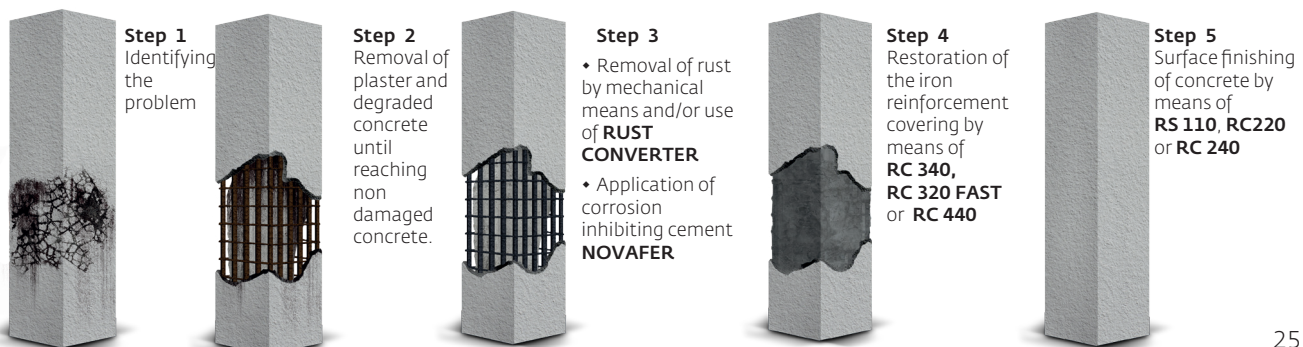
DESCRIPTION	COLOUR	PACK	PALLET
<p><b>RUST CONVERTER</b></p> <p>Converter in liquid form with the ability to react chemically with rust and provide a rust free surface.</p> <p>It is certified for application on iron reinforcement of concrete structures according to EN 1504 - 7. It is applied in one single coat directly on the rusted iron (after the removal of thick pieces of rust) and left to react for 24 hours. After wards all residues are removed by means of a cloth.</p> <p>On the rust free iron surface apply <b>NOVAFER</b> and then <b>RC 340</b>, <b>RC 440</b> or <b>RC 320 FAST</b> in order to restore the 'covering of the reinforcement' or apply appropriate primer in cases of painting.</p> <p>It is not affected if traces of cement are present on the surface to be treated.</p> <p><b>Consumption:</b> depending on the type of application.</p>		5x1L 4x5L	- 480L
<p>CODE 07733</p> <p><b>NOVAFER</b></p> <p>One component corrosion inhibiting cement, ready to be mixed only with water. It is used for the protection of concrete iron reinforcement.</p> <p>It is applied during concrete repair jobs, prior to the application of the thixotropic restoration mortars <b>RC 340</b>, <b>RC 440</b> or <b>RC 230 FAST</b>.</p> <p>It creates an alkali environment around the iron reinforcement and at the same time works as an adhesive bridge between the iron and the restoration mortar. To be applied in two coats.</p> <p><b>Consumption:</b> 200gr/m<sup>2</sup> linear (2 coats).</p> <p>CODE 04799</p>	Grey	2kg	90kg
<p><b>RC 340 (5-40mm)</b></p> <p>Cement based thixotropic fibre reinforced mortar, for the restoration of the iron reinforcement covering in concrete.</p> <p>It can also be used as a general purpose repair mortar in applications like concrete repairs inside swimming pools, filling holes in structural repairs, honeycomb. It can be also used for the formation of drains and industrial concrete floor repairs.</p> <p>Suitable for application by spraying.</p> <p><b>Consumption:</b> 18kg/m<sup>2</sup>/cm of thickness.</p> <p>CODE 06250 (5Kg), 04378 (25Kg)</p>	Grey Grey	4x5kg 25kg	800kg 1250kg
<p><b>RC 440 (5-40mm)</b></p> <p>Cement based thixotropic fibre reinforced mortar, for the restoration of the iron reinforcement covering in concrete repairs.</p> <p>It is used as a repair mortar in applications with concrete repairs where the maximum resistance to mechanical strength is required.</p> <p>It can be also used for the formation of drains and industrial concrete floor repairs.</p> <p><b>Consumption:</b> 18kg/m<sup>2</sup>/cm of thickness.</p> <p>CODE 08278</p>	Grey	25kg	1250kg
<p><b>RC 320 FAST (2-20mm)</b></p> <p>Fast setting cement based thixotropic and fibre reinforced mortar, for the restoration of the iron reinforcement covering in concrete repairs.</p> <p>Ideal for restorations on ceilings, edges of balconies, facades with scaffolds and large size cavities which require fast setting subsequent layers of mortar in order to be filled fast.</p> <p>It can be also used for the formation of drains and industrial concrete floor repairs or a fine grain size mortar is required.</p> <p><b>Consumption:</b> 18kg/m<sup>2</sup>/cm of thickness.</p> <p>CODE 07023</p>	Grey	25kg	1250kg





# 13 CONCRETE REPAIR SYSTEMS

DESCRIPTION	COLOUR	PACK	PALLET / BOX
<p><b>RC 220 (2-20mm)</b>                      Fibre reinforced thixotropic mortar for smoothing and levelling of both horizontal and vertical concrete surfaces. Suitable for substrates such as rough and smooth concrete, stairs, and concrete formations in swimming pools before waterproofing. Available also in white colour for use on exposed concrete prior to paint application.                      Walkable after a few hours and can accept coverings after 48 hours.  <i>Consumption:</i> 1,5kg/m<sup>2</sup>/ mm of thickness.</p> <p>CODE 08206 (white), 08169 (grey)</p>	White Grey	25kg 25kg	1250kg 1250kg
<p><b>RC 240 (5-40mm)</b>                      Fibre reinforced thixotropic mortar for levelling both horizontal and vertical concrete surfaces.                      Suitable for substrates such as rough and/or exposed concrete, cement screeds, masonry, stairs, and concrete formations in swimming pools before waterproofing.                      Walkable after a few hours and can accept coverings after 24 hours.  <i>Consumption:</i> 1,8kg/m<sup>2</sup>/ mm of thickness.</p> <p>CODE 08170</p>	Grey	25kg	1250kg
<p><b>RS 110 (1-10mm)</b>                      General purpose fast setting plaster and R2 repair mortar.                      It is ideal for small repair jobs and as plaster after concrete restoration with RC 340 or RC 440. For application on substrates with reduced absorption like smooth concrete a primer coat of PLANO BOND or PLANO CONTACT should be applied first.  <i>Consumption:</i> 1,8kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 04672 (25Kg), 04671 (5Kg)</p>	White White	4x5kg 25kg	800kg 1250kg
<p><b>EPO FLUID</b>                      Two component epoxy adhesive in ejecting form for sealing cracks on concrete surfaces or for monolithic adhesion of new on old concrete.                      It can be used for sealing and bonding cracks with minimum width of 3mm. EPO FLUID can also be used for bonding-anchoring of reinforcement rods on concrete floors.  <i>Consumption:</i> For bonding new on old concrete 0,3 - 0,5kg/m<sup>2</sup>.                      As resin for injections 1,55kg/L of cavity.</p> <p>CODE 04801</p>	Yellow	1kg	30 pcs
<p><b>EPO PASTE</b>                      Two component general purpose epoxy paste used for surface sealing of cracks on concrete. It has very good adhesion on metal and therefore it is suitable for structural bonding of reinforcing rods on horizontal elements. Due to its great slip resistance it can be applied on both horizontal and vertical surfaces. <i>Consumption:</i> as adhesive 1,6 - 1,7kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 04800</p>	Grey	1kg	30 pcs



# 14 PRODUCTS FOR SUBSTRATE LEVELING

DESCRIPTION	COLOUR	PACK	PALLET
<b>RC 220 (2-20mm)</b> Fibre reinforced thixotropic mortar for levelling and smoothing both horizontal and vertical surfaces. Suitable for substrates such as plasters, rough and exposed concrete, cement screeds, masonry, and stairs. It can be applied in swimming pools before waterproofing. It can also be applied directly on existing tiling after priming with <b>PLANO CONTACT</b> . It is deal substrate for coatings such as tiles and decorative <b>MICROCEMENT</b> or <b>RESIN</b> coatings. Walkable after few hours and can accept tiles after 48 hours. <i>Consumption:</i> 1,5kg/m <sup>2</sup> /mm of thickness. CODE 08206 (white), 08169 (grey)	White	25kg	1250kg
	Grey	25kg	1250kg
<b>RC 240 (5-40mm)</b> Fibre reinforced thixotropic mortar for levelling both horizontal and vertical surfaces. Suitable for substrates such as plasters, rough concrete, cement screeds, masonry, and stairs. It can be applied in swimming pools before waterproofing. It can also be applied directly on existing tiling after priming with <b>PLANO CONTACT</b> . It is deal substrate for coatings such as tiles and decorative <b>MICROCEMENT</b> or <b>RESIN</b> coatings. Walkable after few hours and can accept tiles after 24 hours. <i>Consumption:</i> 1,8kg/m <sup>2</sup> /mm of thickness. CODE 08170	Grey	25kg	1250kg
			
<b>PLANO 120 (1-7mm) ή (8-20mm)</b> Fast setting and high strength self levelling compound used for thickness 1 – 7 mm. For application in 8 - 20mm it has to be mixed with 25% of the sand <b>PLANOCOLOR GRANIT S 20</b> . Ideal substrate for resilient coverings such as pvc tiles, carpet, large size and/or polished floor tiles. The <b>MARINE</b> version is suitable for applications in boats (Part of the <b>NOVAMIX MARINE SYSTEM</b> ). <i>Consumption:</i> 1,7kg/m <sup>2</sup> /mm of thickness. CODE 00052 (PLANO 120), 08353 (PLANO 120 MARINE), 08217 ( GRANIT S20)	PLANO 120	25kg	1250kg
	PLANO 120 MARINE	25kg	1250kg
	GRANIT S20 (0,5 - 1,0)	25kg	800kg
<b>NOVADUR S</b> Cement based surface hardener in the form of powder pre mixed with silica and colour pigments which is applied on still damp (not completely wet) condensed by means of power float machine in order to produce industrial floors of high resistance to abrasion and heavy loads combined with a nice aesthetic result. <i>Consumption:</i> 3 - 6Kg/m <sup>2</sup> . *Minimum order 2.500Kg. CODE 08154 (ashes), 08484 (buff), 08282 (caramel), 07995 (sahara), 07502 (terracotta red)	Ashes, Grey	25kg	1250kg
	Caramel, Buff, Sahara, Terracotta red	25kg	1250kg
			
<b>NOVADUR S/F</b> Cement based fine graded surface hardener pre mixed with colour pigments which is applied by spraying, in order to create stamped concrete with the stencil method. <b>NOVADUR S/F</b> is used for creating floors resistant to heavy traffic combined with excellent aesthetic result. <i>Consumption:</i> 3 - 6Kg/m <sup>2</sup> . CODE 08076 (ashes), 08080 (terracotta red), 08148 (merino), 08052 (sahara), 08355 (buff)	Ashes, Terracotta red, Merino	25kg	1250kg
	Sahara	25kg	1250kg
	Buff	25kg	1250kg
			

# 14 PRODUCTS FOR SUBSTRATE LEVELING

DESCRIPTION	COLOUR	PACK	PALLET / BOX
<p><b>NOVACEM RAPID FLOW (20-80mm)</b></p> <p>Fast curing mortar in powder form which, after mixing with water, becomes a fluid and fast drying mortar. It is used for levelling floors in a thickness of 20 - 80mm prior to the application of coverings. For thickness less than 40mm it should be bonded on the substrate by means of an appropriate bonding agent. It receives tiling after 2 - 3 hours and coverings sensitive to humidity like wood, carpet, self levelling compounds, microcement or epoxy coatings after 12 - 24 hours.</p> <p><b>Consumption:</b> 2,4kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 08202</p>	Grey	25kg	1250kg
<p><b>NOVACEM PRONTO (2-15cm)</b></p> <p>Cement based, light weight screed ready to be mixed only with water. It is used prior to the application of coverings like ceramic tiles or humidity stable, natural stones.</p> <p>It creates an ideal substrate prior to the application of waterproofing membranes like SC ELASTIC or NOVAROOFF AC FIBER</p> <p>To be applied in a thickness between 2 - 15cm.</p> <p><b>NOVACEM PRONTO</b> screeds are pump able and can receive tiling after 24 hours (thickness of 4cm).</p> <p>Suitable for boats as part of the <b>NOVAMIX MARINE FLOORING SYSTEM</b>.</p> <p><b>Consumption:</b> 13 - 16Kg/m<sup>2</sup>/cm of thickness.</p> <p>CODE 06077</p>		25kg	1250kg
<p><b>NOVACEM FLOW 215</b></p> <p>Special cement enhanced with additives to be mixed only with water and aggregates of appropriate grain size and weight according to the requirements of each application.</p> <p>The use of <b>NOVACEM FLOW 215</b> instead of normal cement provides a pump able screed of smaller weight comparing to traditional screeds. It can be mixed in a quantity of 220 - 260Kg per m<sup>3</sup> of sand.</p> <p>For further weight reduction, it can be mixed with light weight aggregates like perlite or EPS granulates in order to obtain a specific weight of 400 - 500Kg per m<sup>3</sup> of volume.</p> <p>It doesn't require mixing with enhancing latex or any other additive. Recommended especially for areas were aggregates are available and a low specific weight, combined with high strength, is required.</p> <p><b>Consumption:</b> 220 - 260kg/m<sup>3</sup> if mixed with sand or 300 - 500kg/m<sup>3</sup> if mixed with light weight aggregates such as perlite or EPS granulates.</p> <p>CODE 04792</p>	Grey	20kg	1200kg
<p><b>SYNTHETIC FIBERS</b></p> <p>Synthetic fibres used for the reinforcement of concrete based industrial floors and cement screeds. Available in bags soluble to water.</p> <p><b>Consumption:</b> 600 - 900 gr/m<sup>3</sup> of dry mix.</p> <p>CODE 07626</p>	6mm, 12mm	900gr	25 pcs



## PEDESTRIAN AREAS IN ATHENS

Surface hardener NOVADUR S/F SAHARA application by spraying with stencil system



# 15 SPECIALIZED WALL AND FLOOR PAINTS

DESCRIPTION	COLOUR	PACK	PALLET
<b>BAUCRYL</b>	White	12kg	216kg

## BAUCRYL

Wall paint in powder form which is mixed only with water. It is ideal for external area application in areas with the presence of humidity like in example close to the sea. It can be applied even on plaster with slight humidity content. It is mixed in a proportion of 1 part of BAUCRYL with 1part of clean water. Available in brilliant white colour which can be mixed with alkali resistant pigments such as beige, ochre, light grey or blue. If the application is on absorbent substrates which require consolidation, prime the substrate with NOVAPRIMER or NOVADUR W.

**Consumption:** 50 - 100gr powder / m<sup>2</sup> / coat depending on the form of the substrate.



CODE 06351

## PLANOCOAT EPX & PLANOCOAT EPX FREEZE

Two component epoxy system which is used as floor paint. It is free of solvent (VOC = 0gr/L). Recommended for areas subject to chemical aggression such as factories, storage buildings, parking areas etc. it is applied in two coats.

In case where an anti slip final surface is required the S500 sand scattering procedure on the fresh coat is followed.

Cover the latter with an additional coat of PLANOCOAT EPX.

Available in the PLANOCOLOR RESIN RAL colours: see page 29.

Available also in the special modified formulation PLANOCOAT EPX FREEZE which is suitable for areas of low temperature (> 0°C).

**Consumption:** 200 - 300gr/m<sup>2</sup> for 2 coats.

PLANOCOAT EPX	(15,1 + 4,9) kg
PLANOCOAT EPX FREEZE	(15,1 + 4,9) kg
S500	25kg

CODE 08406 (1001), 08428 (5012), 08430 (7001), 08413 (7032), 08414 (7035), 08415 (7038), 08416 (7040), 08400 (7047), 08417 (9001), 08418 (9002), 08401 (9003) PLANOCOAT EPX A  
CODE 08402 PLANOCOAT EPX B. CODE 08362 PLANOCOAT EPX FREEZE A, 08403 PLANOCOAT EPX FREEZE B



## PLANOFLOOR EPX & PLANOFLOOR EPX FREEZE

Two component epoxy floor coating free of solvent or water. Recommended for areas subject to chemical aggression and mechanical stresses such as factories, storage areas, parking areas etc. It is mixed 1/1 with the sand S 500 in ratio 1÷1 by weight.

Available in the PLANOCOLOR RESIN RAL colours: see page 29.

Available also in the special modified formulation PLANOCOAT EPX FREEZE which is suitable for areas of low temperature (> 0°C).

The application is done over properly primed substrate with WATERPIRMER EPX or PLANOPRIMER EPOXY.

In order to obtain antislip final texture the S 500 sand scattering process is followed by an additional coat of PLANOCOAT EPX.

**Consumption:** 1,9kg/m<sup>2</sup>/mm of thickness (0,95kg PLANOFLOOR EPX + 0,95kg S500).

PLANOFLOOR EPX	(15,1 + 4,9) kg
PLANOFLOOR EPX FREEZE	(15,1 + 4,9) kg
S500	25kg

CODE 08364 PLANOFLOOR EPX A, 08365 PLANOFLOOR EPX B.  
CODE 08366 PLANOFLOOR EPX FREEZE A, 08367 PLANOFLOOR EPX FREEZE B.



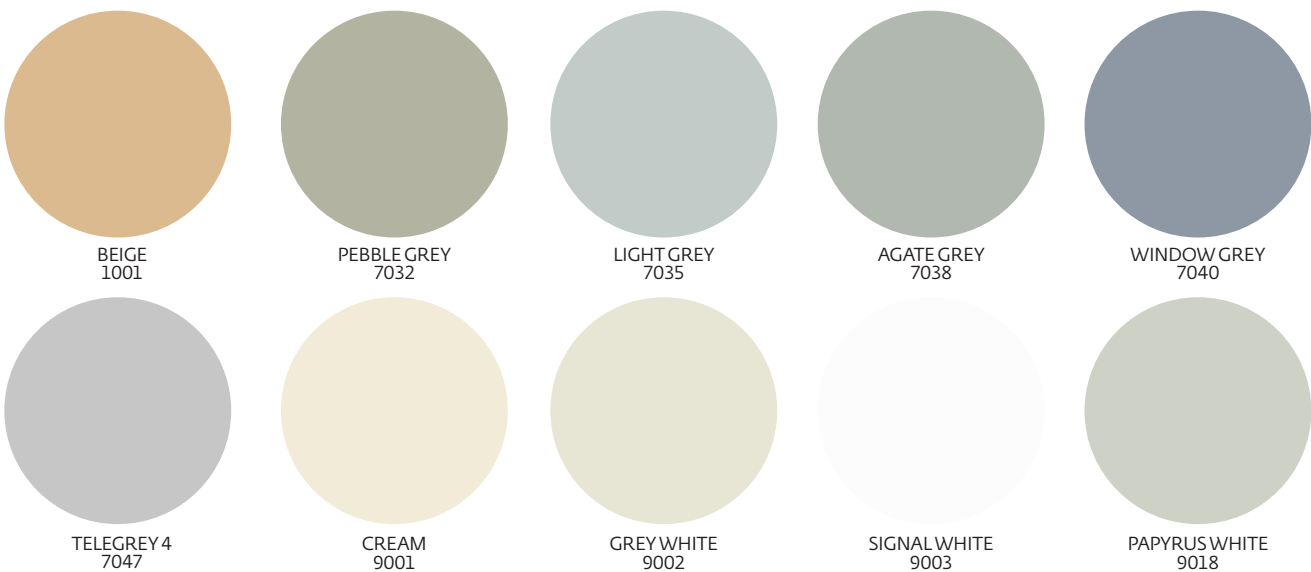
# 15 SPECIALIZED WALL AND FLOOR PAINTS

DESCRIPTION	COLOUR	PACK
<p><b>NOVAROOF PU ECO</b>                      Two component, liquid, polyurethane membrane free of solvents, with high resistance to UV radiation and chemical aggression.                      Suitable for total water immersion.                      Certified for use inside tanks containing drinking water.  <b>Consumption:</b> 1,2kg/m<sup>2</sup> (applied in two coats).</p>	Beige	7kg



CODE 07085

## PLANOCOLOR RESIN RAL














**NOTE :** Due to printing process all colors should be considered as indicative.

### CHALKIS GENERAL HOSPITAL

Application of PLANOCOAT EPX, FC 10, NOVADURS, WATERPRIMER EPX on floors



# 16 CEMENT BASED RENDERS & ORGANIC PLASTERS

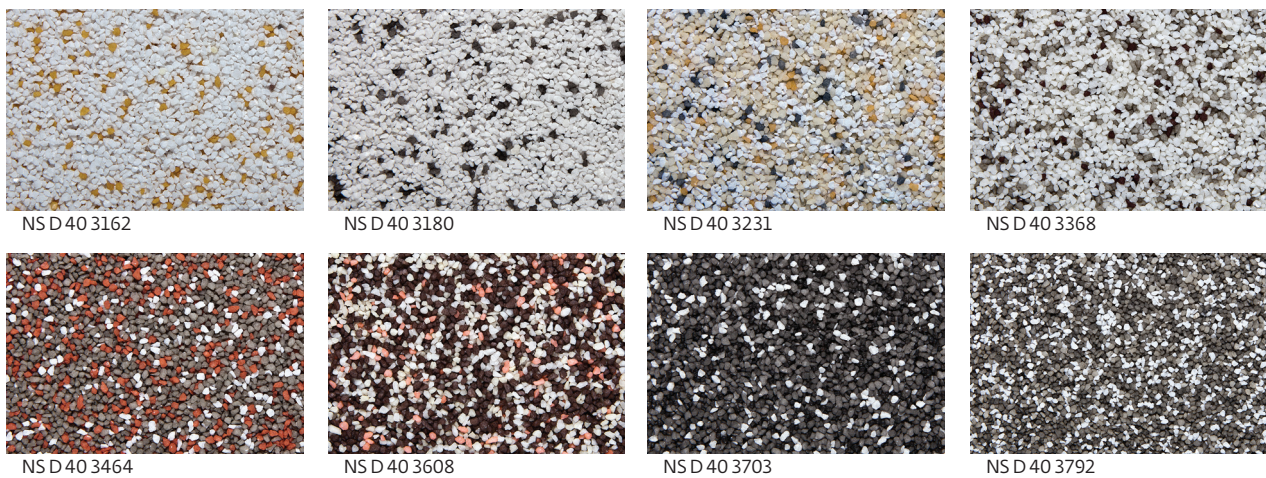
DESCRIPTION	COLOUR	PACK	PALLET
<p><b>ST 30 (1-15mm)</b> Plaster in powder form for internal and external wall application. It is highly resistant and almost water repellent. For application on substrates with reduced absorption like smooth concrete, an adhesive bridge primer like PLANOBOND or PLANO CONTACT should be applied first. <i>Consumption:</i> 1,8kg/m<sup>2</sup>/mm of thickness. CODE 04478</p>	White	25kg	1250kg
	 		
<p><b>RS 110 (1-10mm)</b> General purpose fast setting plaster and R2 repair mortar. It is ideal for fast repair jobs. For application substrates with reduced absorption like smooth concrete an adhesive bridge primer like PLANOBOND or PLANO CONTACT should be applied first. <i>Consumption:</i> 1,8kg/m<sup>2</sup>/mm of thickness. CODE 04672 (25Kg), 04671 (5Kg)</p>	White	4x5kg	800kg
	White	25kg	1250kg
	  		
<p><b>PLANOCOLOR ACR 60 / 100 / 150 / 200 / 250mm</b> Organic decorative plasters in a white paste form, based in acrylic resins in water dispersion. Available in 5 different grain sizes: with max grain sizes: 0.6mm (ACR 60), up to 1,00mm (ACR 100), up to 1,50mm (ACR 150), up to 2,00mm (ACR 200) and up to 2,50mm (ACR 250). They can be delivered pre coloured (see the UV resistant NOVAMIX FAÇADE colour chart) upon request with a charge of 8 - 10€/25kg depending on the colour. <i>Consumption:</i> see TABLE 1 page 38 (thermal facades). CODE 07926 (60), 07856 (80), 07809 (100), 07857 (150), 07858 (200), 07859 (250)</p>	100,150,200,250	25kg	450kg
	60	25kg	450kg
	 		
<p><b>PLANOCOLOR SLR 80 / 100 / 150mm</b> Organic plasters in a white paste form, based in silane acrylic resins in water dispersion. They are water repellent and suitable for internal and external walls. Available in 3 grain sizes: up to 0,8mm (SLR 80), 1,0mm (SLR 100), or up to 1,5mm (SLR 150). They can be delivered pre coloured (see the UV resistant NOVAMIX FAÇADE colour chart) upon request with a charge of 8 - 10€/25kg depending on the colour. <i>Consumption:</i> see TABLE 1 page 38 (thermal facades). CODE 08257 (80), 08272 (100), 08310 (150)</p>	80,100,150	25kg	450kg
	 		
<p><b>PLANOCOLOR AC &amp; PLANOCOLOR GRANIT</b> Organic plasters system composed of a white paste which is used as binder resin and the coloured granulates PLANOCOLOR GRANIT in order to create quartz wall decorative coatings. It is suitable for applications on both internal and external walls. PLANOCOLOR AC becomes transparent when it comes in contact with atmospheric humidity and granulates used in the mix reveal. It is a flexible system since with only this binder resin, we can create all the PLANOCOLOR GRANIT decorative wall coatings. <i>Consumption:</i> see TABLE 5 page 78 PLANOCOLOR SYSTEMS.</p>	PLANOCOLOR AC	5kg	390kg
	GRANIT NS D	20kg	800kg
	GRANIT NX D	20kg	800kg
	00,19,20		
	30,37,77		
	GRANIT NX D	20kg	800kg
	28,40,45,48,51		
	62,67,78,86,87		
	92,96,99		
	 		

# PLANOCOLOR® GRANIT COLOR CHART

SINGLE COLOURS NX & NX G



PREMIXED COMPILATIONS NS








**NOTE 1:** Due to printing process all colours should be considered as indicative.

**NOTE 2:** Coated granulates from different production batches may vary.







**NOTE 3:** The pre-mixed compilations NS D & the single colored granulates NX D are available in grain sizes No 30 (0,80 - 1,20mm) & No 40 (1,00 - 1,50mm).

# 17 SMOOTHING COMPOUNDS

DESCRIPTION	COLOUR	PACK	PALLET
<p><b>FINE RENDER (1-10mm)</b> Flexible white coloured smoothing compound in powder form. It is highly resistant and water repellent. It can be applied also as a final decorative plaster on thermal insulation facades. <i>Consumption:</i> 1,3Kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 06861</p>	White	25kg	1250kg
			
<p><b>NOVAFINA (0,5-5mm)</b> One component, brilliant white and extremely fine graded smoothing compound for walls. It is applied and grinded easily. It is ideal substrate for painting in interior. For application on gypsum boards the substrate should be primed with NOVADUR W or dilution of NOVAPRIMER. It is suitable for application by airless spraying machine for large area applications. <i>Consumption:</i> 1,0kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 00047 (20Kg), 00048 (5Kg)</p>	White	4x5kg	800kg
	White	20kg	1200kg
			
<p><b>STUCCOFINA (0,5-4mm)</b> One component, brilliant white and extremely fine graded smoothing compound for walls. It is applied and grinded easily. It is ideal substrate for painting in interior. For application on gypsum boards the substrate should be primed with NOVADUR W or dilution of NOVAPRIMER. It is suitable for application by airless spraying machine for large area applications. <i>Consumption:</i> 1,0kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 06178</p>	White	20kg	1200kg
			
<p><b>NOVAFINA EXTERIOR (1-5mm)</b> One component, white and extremely fine graded smoothing compound for external walls. It is mixed only with water. Develops high mechanical strength and it is suitable for smooth concrete prior to the application of paint. <i>Consumption:</i> 1,0kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 08284</p>	White	25kg	1050kg
			
<p><b>NOVAFINA COVER (1-10mm)</b> White coloured smoothing compound for application on internal and external walls. It can cover construction defects until the thickness of 10mm. If a more smooth surface finish is required this is done by the additional application of NOVAFINA or NOVAFINA EXTERIOR. <i>Consumption:</i> 1,2kg/m<sup>2</sup>/mm of thickness.</p> <p>CODE 06570 (25Kg), 06630 (5Kg)</p>	White	4x5kg	800kg
	White	25kg	1050kg
			



# 18 ADMIXTURES FOR CEMENT BASED ADHESIVES & MORTARS

DESCRIPTION	PACK	PAL
<b>BAUMENT 200 L</b> Synthetic rubber latex for improving the bonding and mechanical strength of cement based mortars. It can be used for enhancing the elasticity of cement based tile adhesives like <b>NOVACOL</b> or <b>GRANDECOL</b> and cement based grouts. Enhances workability and mechanical strength of major mortars. Dilution with water depending on the type of application.	12x1L	-
	4x5L	480L
	20L	480L
	1000L	
CODE 04150 (1L), 04151 (5L), 04152 (20L), 04578 (1000L)		
<b>NOVALASTIC</b> Elasticising resin for mortars. Increases flexibility and mechanical strength. It is mixed with cement based adhesives, tile grouts, floor levelling and wall smoothing compounds. Dilution with water depending on the type of application.	12x1L	-
	4x5L	480L
	20L	480L
	1000L	
CODE 04380 (1L), 00055 (5L), 04053 (20L), 04054 (1000L)		
<b>PL 400</b> Enhancing latex for cement based mortars like cement screeds, prior to the application of ceramic tiles or natural stones, plaster, tile grouts, tile adhesives, masonry and smoothing compounds. It enhances flexibility and adhesion to the substrate. Dilution with water depending on the type of application.	12x1L	-
	4x5L	480L
	20L	480L
	1000L	
CODE 04390 (1L), 00057 (5L), 04391 (20L), 04064 (1000L)		
<b>SBR 50</b> Concentrated resin for mortars. It is used for enhancing the elasticity, adhesion and workability of cement mixes such as plasters, cement screeds, wall smoothing compounds. Tile adhesives like <b>NOVABOND SUPER</b> if mixed with <b>SBR 50</b> become deformable and therefore able to be used in more demanding applications. Suitable also for creating bonding slurries (mixed with portland cement and water). Dilution with water depending on the type of application.	12x1L	-
	4x5L	480L
	20L	480L
	1000L	
CODE 04380 (1L), 04687 (5L), 04673 (20L), 04763 (1000L)		
<b>BAUMENT RAPID FLOW</b> Admixture for mixing with sand and cement in order to produce floor levelling mortars which combine fluidity and fast drying. It is ideal for levelling floors in high thickness prior to the application of humidity sensitive coatings like <b>PLANOCOLOR MICROCEMENT RESIN</b> , PVC, wood, carpet and epoxy coatings. <b>Consumption:</b> depending on the mixing sand and cement.	12x1L	-
	4x5L	480L
	20L	480L
	1000L	
CODE 04380 (1L), 04687 (5L), 04673 (20L), 04763 (1000L)		
<b>ANTILIME</b> Admixture that substitutes lime on cement based mortars where the minimum content in cement is at least 20% in regard with the dry aggregates. <b>Consumption:</b> 100 - 200ml/50kg of cement.	12x1L	-
	4x5L	480L
	20L	480L
	1000L	
CODE 04585 (1L), 04529 (5L), 04530 (20L), 04539 (1000L)		



# EXTERNAL THERMAL INSULATION SYSTEMS

- 19 Primers for external thermal insulation
- 20 Adhesives & cement based plasters
- 21 Organic & quartz plasters
- 22 Expanded polystyrene insulating panels
- 23 Graphite polystyrene insulating panels
- 24 Extruded polystyrene insulating panels
- 25 Insulating panels of mineral wool knitted fiber
- 26 Plugs, starting profiles, anchors, fixing studs, corners









## ◀ DAIDALOS ROBINSON CLUB

External thermal insulation

NOVABOND PS FLEX, PLANOCOLOR ACR 60 & ACR 100, THERMONET, PLANOPRIMER, PLANO CONTACT 35

# 19 PRIMERS FOR EXTERNAL THERMAL INSULATION

DESCRIPTION	COLOUR	PACK	PALLET
<p><b>NOVAPRIMER</b></p> <p>Water dispersion acrylic primer with high penetration ability for the consolidation of absorbent substrates, prior to the application of cement based adhesives and plasters like <b>FINE RENDER</b> or <b>ST 30 THERMO</b>. It is applied also before organic plasters like <b>PLANOCOLOR ACR</b> or <b>SLR</b>. The application of the covering takes place after 40 - 60min.</p> <p><i>Consumption:</i> undiluted 200 - 300ml/m<sup>2</sup> or 70 - 100ml/m<sup>2</sup> (diluted 1:3 with water).</p> <p>CODE 00059 (1L), 06289 (5L), 06290 (20L)</p>		12x1L 4x5L 20L	- 480L 480L
			
<p><b>NOVADUR W</b></p> <p>Synthetic resin based primer in water dispersion for absorbent substrates. It is used prior to the application of cement based adhesives like <b>NOVABOND PS FLEX</b> or <b>PS FIBER</b> and plasters like <b>PLANOCOLOR ACR</b> or <b>SLR</b>. It is applied undiluted.</p> <p><i>Consumption:</i> 200 - 300ml/m<sup>2</sup>.</p> <p>CODE 06769 (1L), 06689 (5L), 06688 (20L)</p>		12x1L 4x5L 20L	- 480L 480L
			
<p><b>PLANO CONTACT</b></p> <p>Fast application (2 - 3hours) one component synthetic resin primer enhanced with silica sand, which creates adhesive bridge on smooth and non-absorbent surfaces. It is used prior to the application of cement based adhesives like <b>NOVABOND PS FLEX</b> or <b>PS FIBER</b> and before organic plasters like <b>PLANOCOLOR ACR</b> or <b>SLR</b> and quartz wall decorative coatings made with <b>PLANOCOLOR AC</b> binder resin. It can be also used diluted with water in a proportion of 15% on absorbent substrates.</p> <p><i>Consumption:</i> 300 - 350gr/m<sup>2</sup>.</p> <p>CODE 06106 (5kg), 06165 (15kg)</p>	Beige Beige	5kg 20kg	390kg 360kg
			
<p><b>PLANOBOND</b></p> <p>One component synthetic resin primer enhanced with silica sand, which creates adhesive bridge on smooth and absorbent surfaces. It is used prior to the application of cement based adhesives like <b>NOVABOND PS FLEX</b> or <b>PS FIBER</b> on external thermal insulations facades. Distributed in red colour in order to control the coverage of the primed surface. It can receive covering 24 hours after its application.</p> <p><i>Consumption:</i> 300 - 400gr/m<sup>2</sup>.</p> <p>CODE 06652 (5Kg), 06609 (20Kg)</p>	Terracotta Terracotta	5kg 20kg	390kg 360kg
			
<p><b>PLANOBOND NEUTRAL</b></p> <p>Translucent synthetic resin primer enhanced with silica sand that can be coloured with <b>NOVACOLOR DESIGN PR</b>. It is applied on reinforced base render produced with <b>NOVABOND PS FLEX</b> or <b>PS FIBER</b>, prior to the application of organic plasters like <b>PLANOCOLOR ACR</b> or <b>SLR</b> when a coloured primer is required. It can receive covering 24 hours after its application.</p> <p><i>Consumption:</i> 300 - 400gr/m<sup>2</sup>.</p> <p>CODE 07959</p>		20kg	360kg
			
<p><b>NOVACOLOR DESIGN PR</b></p> <p>Pigments in liquid form, for mixing with primers applied prior to decorative plasters or coatings where there is requirement for primer of specific colour.</p> <p><i>Mixing ratio:</i> depending on the type of application.</p>	Ochre, Green, Blue, Terracotta, Brown, Black	24x200ml	-
			

## 20 ADHESIVES & CEMENT BASED PLASTERS

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVABOND PS FLEX</b> Cement based adhesive mortar for fixing various types of insulation panels such as EPS, NG, XPS, MW (see pages 40 & 41) on substrates such as concrete, bricks, plaster. It also used with NOVAMIX THERMONET incorporation, in order to create the reinforced base render prior to the final decorative plaster. It is flexible (S1 according to EN 12002) with high bonding strength to insulation panels. It has an extended open time, in order to be applied easily in external areas and it is slip resistant, in order to be applied on vertical surfaces. <b>Consumption:</b> 1,5Kg/m <sup>2</sup> /mm of thickness.	White	25kg	1250kg
	Grey	25kg	1250kg
CODE 04739 (white), 07075 (grey)			
<b>NOVABOND PS FIBER</b> Fibre reinforced cement based adhesive mortar for fixing various types of insulation panels such as EPS, XPS, MW (see pages 40 & 41) on rigid substrates such as concrete, bricks, plaster. It also used with NOVAMIX THERMONET incorporation, in order to create the reinforced base render prior to the final decorative plaster. It has high bonding strength to insulation panels, very good workability and smooth finish. <b>Consumption:</b> 1,4Kg/m <sup>2</sup> /mm of thickness.	White	25kg	1250kg
CODE 08474			
<b>FINE RENDER (1-10mm)</b> Flexible decorative plaster-smoothing compound in powder form which is applied over the reinforced base render produced with NOVABOND PS FLEX or PS FIBER. It is waterproof and suitable for external thermal insulations on rigid and crack-free substrates. <b>Consumption:</b> 1,3Kg/m <sup>2</sup> /mm of thickness.	White	25kg	1250kg
CODE 06861			
<b>ST 30 THERMO (1-15mm)</b> Flexible and waterproof plaster in powder form with 'traditional look' finish. It is waterproof and suitable for external thermal insulations on rigid and crack-free substrates. <b>Consumption:</b> 1,8kg/m <sup>2</sup> /mm of thickness.	White	25kg	1250kg
CODE 07293			
<b>NOVAMIX THERMONET</b> High performance alkali resistant fiberglass net certified for use in the reinforced base render on external thermal insulations. <b>Dimensions:</b> height = 1m, length = 50m. <b>Weight:</b> 140gr/m <sup>2</sup> .		50m <sup>2</sup>	2.000m <sup>2</sup>
CODE 07847			



## 21 ORGANIC & QUARTZ PLASTERS

DESCRIPTION	COLOUR	PACK	PALLET
<b>PLANOCOLOR ACR 60 / 100 / 150 / 200 / 250</b> Organic plasters in paste form, based in acrylic resins in water dispersion. They are available in 5 different grain sizes: with max grain size 0.6mm (ACR 60), up to 1,00mm (ACR 100), up to 1,50mm (ACR 150), up to 2,00mm (ACR 200) and up to 2,50mm (ACR 250). They are applied over the reinforced base render coat made of <b>NOVABOND PS FLEX</b> or <b>PS FIBER</b> . ACR 60, ACR 200 & ACR 250 are available in minimum orders of 1 pallet. They are distributed in white colour or in the UV resistant colours of the <b>NOVAMIX FAÇADE</b> colour chart, upon request.	100, 150 200, 250	25kg	450kg
	60	25kg	450kg

CODE 07926 (60), 07809 (100), 07857 (150), 07858 (200), 07859 (250)



### PLANOCOLOR SLR 80 / 100 / 150

Organic plasters in paste form, based in silane acrylic resins in water dispersion, which are used as final decorative coating on internal and external walls. They are water repellent and they are available in 3 grain sizes: up to 0,8mm (SLR 80), 1,0mm (SLR 100), or up to 1,5mm (SLR 150). They are applied over the reinforced base render coat made of **NOVABOND PS FLEX** or **PS FIBER**. ACR 80 is available in minimum orders of 1 pallet. They are distributed in white colour or in the UV resistant colours of the **NOVAMIX FAÇADE** colour chart, upon request.

CODE 08257 (80), 08272 (100), 08310 (150)

80,100,150 25kg 450kg



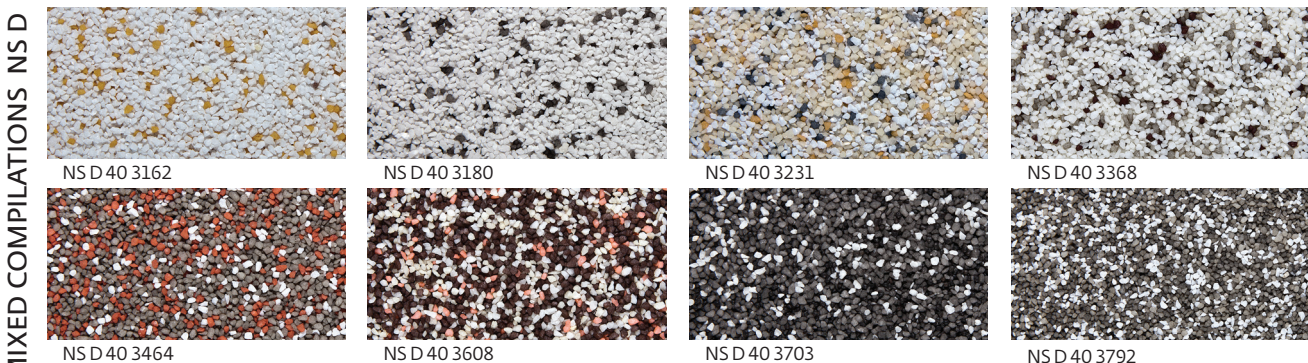
TABLE 1 CONSUMPTION OF ORGANIC PLASTERS  
 ↘ PLANOCOLOR ACR, SLR, AC + GRANIT (kg/m<sup>2</sup>)

DESCRIPTION	ACR or SLR (kg)	PLANOCOLOR AC (kg)	GRANULATES GRANIT (kg)
ACR 60	1,0		
SLR 80	1,3		
ACR 100 & SLR 100	1,6		
ACR 150 & SLR 150	2,4		
ACR 200	3,2		
ACR 250	4,0		
PLANOCOLOR AC + GRANIT 10		0,50 - 0,60	1,50 - 1,90
PLANOCOLOR AC + GRANIT 20		0,50 - 0,60	1,50 - 1,90
PLANOCOLOR AC + GRANIT 30		0,50 - 0,60	1,50 - 1,90
PLANOCOLOR AC + GRANIT 40		0,60 - 0,75	1,90 - 2,25
PLANOCOLOR AC + GRANIT 50		0,88 - 1,00	2,62 - 3,00
PLANOCOLOR AC + GRANIT 60		0,80 - 1,00	2,80 - 3,60
PLANOCOLOR AC + GRANIT 70		0,80 - 1,00	3,20 - 4,00

(\*) Consumption refers to minimum quantity per m<sup>2</sup> on flat substrate, depending on the grain size

# 21 ORGANIC & QUARTZ PLASTERS

DESCRIPTION	COLOUR	PACK	PALLET
<b>PLANOCOLOR AC &amp; GRANIT</b> Organic plaster system composed of a white paste which is used as binder resin and the coloured granulates <b>PLANOCOLOR GRANIT</b> in order to create quartz plaster decorative coatings. It is suitable for applications on external thermal insulations over the reinforced base render layer produced with <b>NOVABOND PS FLEX</b> or <b>PS FIBER</b> . <b>PLANOCOLOR AC</b> becomes transparent when it comes in contact with atmospheric humidity and granulates used in the mix reveal. It is a 'flexible' system since with only this binder resin, we can create all the <b>PLANOCOLOR GRANIT</b> decorative wall coatings.	PLANOCOLOR AC	5kg	390kg
	GRANIT NX D 00,19,20,30,37,77	20kg	800kg
	28, 40, 45, 48, 51 62, 67, 78, 86, 87 92, 96, 99	20kg	800kg
	GRANIT NX G 111, 222, 333	20kg	800kg
	GRANIT NS D 3162, 3180, 3231 3368, 3464, 3608 3703, 3792	20kg	800kg



**NOTE 1:** Due to printing process all colors should be considered as indicative.

**NOTE 2:** Coated granulates from different production batches may vary.

**NOTE 3:** The pre-mixed compilations & the single colored granulates are available in grain sizes N30 (0,8-1,2mm) & N40 (1,0-1,5mm).

## 22 EXPANDED POLYSTYRENE INSULATING PANELS

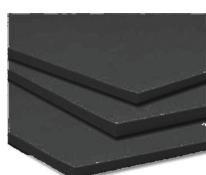
DESCRIPTION	EPS 80 & EPS 100		
	THICKNESS cm	m <sup>2</sup> / PACK	PCS / PACK
<b>NOVAMIX EPS 80 / 100 / 200</b> Expanded polystyrene panels suitable for use on external thermal insulation systems. The bonding is done by using NOVABOND PS FLEX or NOVABOND PS FIBER applying also adequate mechanical fixing. Available also in 2 cm thick panels for application in small areas in order to avoid thermal bridges. Thermal conductivity EPS 80 $\lambda= 0.036$ , EPS 100 $\lambda= 0.034$ , EPS 200 $\lambda= 0.030$ $\lambda= W/(m \cdot K)$ Panel dimensions: 1000 x 60cm <sup>2</sup> .	2	15	25
	3	9,6	16
	5	6	10
	6	4,8	8
	7	4,2	7
	8	3,6	6
	9	3	5
	10	3	5
	EPS 200		
		THICKNESS cm	m <sup>2</sup> / PACK
	2	15	25
	5	6	10
	6	4,8	8
	7	4,2	7
	8	3,6	6
	9	3	5
	10	3	5



CODE EPS 80 07864 (2), 08330 (3), 07865 (5), 07866 (6), 07867 (7), 07868 (8), 07869 (9), 07870 (10).  
 CODE EPS 100 07871 (2), 08331 (3), 07872 (5), 07873 (6), 07874 (7), 07875 (8), 07876 (9), 07877 (10).  
 CODE EPS 200 07878 (2), 07879 (5), 07880 (6), 07881 (7), 07882 (8), 07883 (9), 07884 (10)

## 23 GRAPHITE POLYSTYRENE INSULATING PANELS

DESCRIPTION	EPS 80 NG & EPS 100 NG			
	THICKNESS cm	m <sup>2</sup> / PACK	PCS / PACK	
<b>NOVAMIX EPS 80 NG / 100 NG / 150 NG / 200 NG</b> Graphite expanded polystyrene panels with reduced thermal conductivity coefficient ( $\lambda$ ). Suitable for use on external thermal insulation. The bonding is done by using NOVABOND PS FLEX or NOVABOND PS FIBER applying also adequate mechanical fixing. Available also in 2 cm thick panels for application in small areas in order to avoid thermal bridges. Thermal conductivity EPS 80NG $\lambda= 0.031$ , EPS 100NG $\lambda= 0.031$ , EPS 150NG $\lambda= 0.030$ , EPS 200NG $\lambda= 0.030$ . $\lambda= W/(m \cdot K)$ Panel dimensions: 1000 x 600cm <sup>2</sup> .	2	15	25	
	3	9,6	16	
	5	6	10	
	6	4,8	8	
	7	4,2	7	
	8	3,6	6	
	10	3	5	
	EPS 150 NG & EPS 200 NG			
		THICKNESS cm	m <sup>2</sup> / PACK	PCS / PACK
		2	15	25
	5	6	10	
	6	4,8	8	
	7	4,2	7	
	8	3,6	6	
	10	3	5	



CODE EPS 80 NG 07885 (2), 08480 (3), 07886 (5), 07887 (6), 07888 (7), 07889 (8), 07890 (10).  
 CODE EPS 100 NG 07891 (2), 07892 (5), 07893 (6), 07894 (7), 07895 (8), 07896 (10).  
 CODE EPS 150 NG 07903 (4), 07904 (5), 07905 (6), 07906 (7), 07907 (8), 07908 (10).  
 CODE EPS 200 NG 07897 (2), 07898 (5), 07899 (6), 07900 (7), 07901 (8), 07902 (10)



## 24 EXTRUDED POLYSTYRENE INSULATING PANELS

DESCRIPTION	THICKNESS cm	m <sup>2</sup> / PACK	PCS / PACK
<b>NOVAMIX XPS</b> Extruded polystyrene panels suitable for external thermal insulation systems. The bonding is done by using <b>NOVABOND PS FLEX</b> or <b>NOVABOND PS FIBER</b> applying also adequate mechanical fixing. Available also in 2 cm thick panels for application in small areas in order to avoid thermal bridges. Thermal conductivity $\lambda = 0.033$ $\lambda = W / (m \cdot K)$ Panel dimensions: 2cm (1250 x 600cm <sup>2</sup> ) & 1000 x 600cm <sup>2</sup> .	2	15	20
	3	8,4	14
	4	6	10
	5	4,8	8
	6	4,2	7
	7	3,6	6
	8	3	5
	9	2,4	4
	10	2,4	4
	12	1,8	3
	14	1,8	3



CODE 08342 (2), 08343 (3), 08344 (4), 08345 (5), 08346 (6), 08347 (7), 08348 (8), 08349 (9), 08350 (10), 08351 (12), 08352 (14)

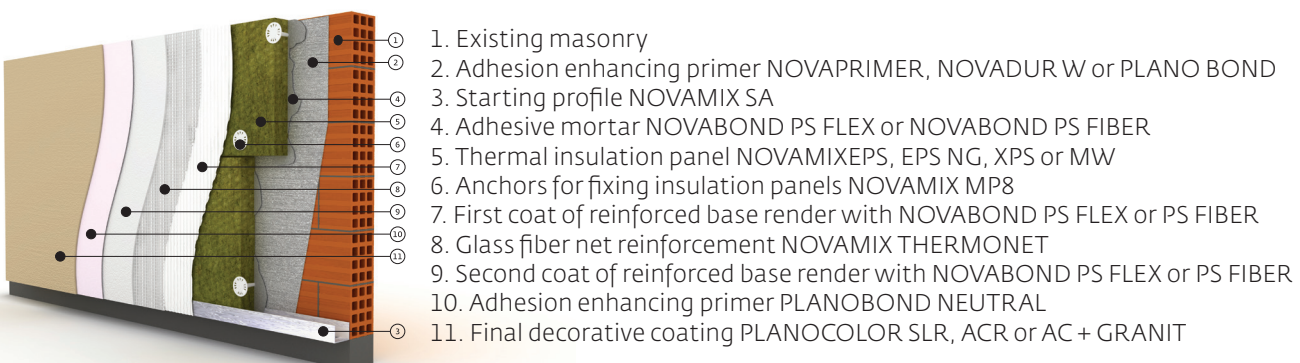
## 25 INSULATING PANELS OF MINERAL WOOL KNITTED FIBER

DESCRIPTION	THICKNESS cm	m <sup>2</sup> / PACK	PCS / PACK
<b>NOVAMIX MW</b> Insulating panels made of strong mineral rockwool. They are suitable for composite external thermal insulating systems. The bonding is done by using <b>NOVABOND PS FLEX</b> or <b>NOVABOND PS FIBER</b> applying also adequate mechanical fixing. Available also in 3 cm thick panels for application in small areas in order to avoid thermal bridges. Thermal conductivity $\lambda = 0.033$ $\lambda = W / (m \cdot K)$ Panel dimensions: 1000 x 600cm <sup>2</sup> .	3	96	6
	4	75,6	4,2
	5	57,6	3,6
	6	48	3
	7	43,2	2,4
	8	36	1,8
	10	28,8	1,8
	12	24	1,2
	14	21,6	1,2



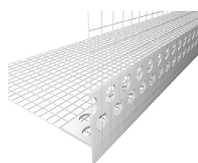
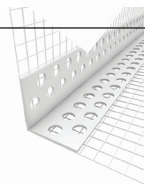
CODE 08333 (3), 08334 (4), 08335 (5), 08336 (6), 08337 (7), 08338 (8), 08339 (10), 08340 (12), 08341 (14)

## INDICATIVE SECTION OF THERMAL INSULATION SYSTEMS



# 26 PLUGS, STARTING PROFILES ANCHORS, FIXING STUDS, CORNERS

DESCRIPTION	PLASTIC ANCHORS 8MM		PLASTIC ANCHORS 10MM	
	LENGTH mm	PCS / BOX	LENGTH mm	PCS / BOX
<b>NOVAMIX MP 8 &amp; P10</b> Plastic or metallic anchors. <i>Dimensions:</i> 8 & 10mm.	9,5	200	7	200
	12	200	9	200
	13,5	200	11	200
	15,5	200	12	200
	17,5	200	14	200
	19,5	200	16	200
			18	200
			20	200
			22	100
			26	100
	<b>METALLIC ANCHORS 8MM</b>			
	9,5	200		
	11,5	200		
13,5	200			
15,5	200			
17,5	200			
19,5	200			
<b>NOVAMIX BA</b> Anchors with embedded nail			DIAMETER mm	PCS / BOX
			110	200
			130	200
			150	200
			170	200
			190	200
		210	100	
<b>NOVAMIX SA</b> Starting profile. <i>Length:</i> 2,5m.	DIMENSION cm	PCS / BOX	DIMENSION cm	PCS / BOX
	2,3	10	8,3	10
	3,3	10	9,3	10
	4,3	10	10,3	10
	5,3	10	11,3	10
	6,3	10	12,3	10
	7,3	10		
<b>NOVAMIX KA</b> Fixing studs for starting profile			DIAMETER mm	PCS / BOX
			60	200
			80	200
<b>NOVAMIX GN</b> PVC corner profiles. <i>Dimensions:</i> 2,5m.			DIAMETER mm	PCS / BOX
			60 x 90	50
			100 x 100	50
			100 x 150	50
<b>NOVAMIX NS</b> PVC drip channels. <i>Dimensions:</i> 2,5m.			DESCRIPTION	PCS / BOX
			Simple	20
			Reinforced	25
<b>NOVAMIX KS</b> White polystyrene caps				BOX
				100





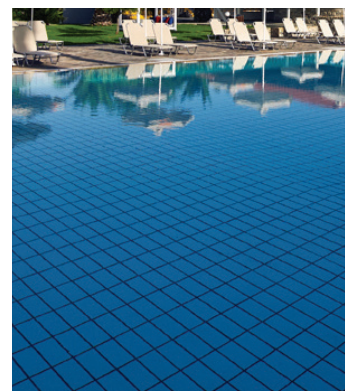
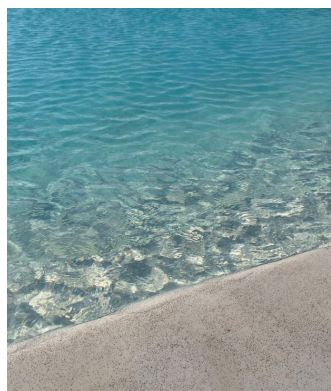
## ▾ 'SMART' COATINGS FOR RENNOVATIONS

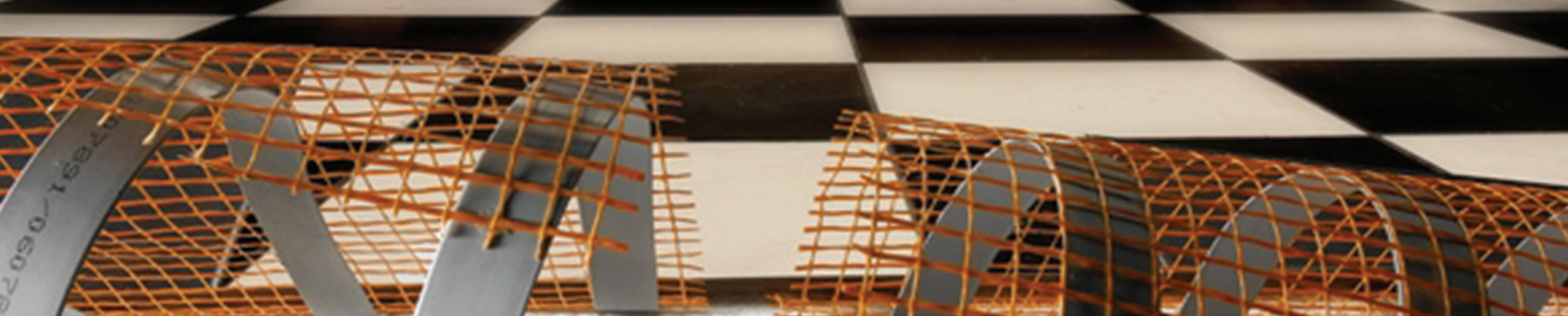
Today a big part of the construction industry has shifted to renovations.

There is now a need for coatings of materials that cooperate with other compatible systems, thus combining multiple features in example, tiling with simultaneous waterproofing (NOVACOL FLOWSET) or coating which acts as a heating panel (microcement PLANOCOLOR PREMIUM).

In addition to that renovations often require systems of building materials that act as coverings and reduce thickness and application time.

Common features in all these applications with NOVAMIX systems are high aesthetics, functionality, small thickness and lower total cost, features always required in renovations. In the pages which follow we present specific NOVAMIX suggestions and relevant costs.





## ↘ COATINGS WITH HEATING PANEL FUNCTION

### Microcement coatings & tiling with heating function

In conventional heating systems (underfloor or panels), the thermal energy is transferred through water pipes that are encapsulated on the substrate of each covering (tile, marble, wood).

The necessary conditions are the existence of a boiler room and a piping network, which occupy a remarkable floor thickness.

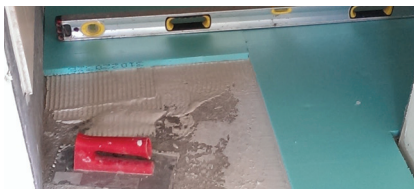
This makes conventional heating virtually prohibitive for fast-track renovation applications, where space and application time are critical factors.

With **NOVAMIX** building materials systems & **AHT** heating grids, we can create thin heated coatings with thickness from 8mm (microcement) to [14mm + tile thickness] (heated tiling).

Using a suitable primer of **NOVAMIX**, application is also done directly on existing coverings such as ceramic tiles, marble and mosaics.

Heating is achieved with the specially heated **AHT** (2 mm thick) electrical resistances which are encased in compatible **NOVAMIX** mortars and then covered with either a compatible microcement coating or a ceramic tile bonded with compatible **NOVAMIX** tile adhesive.

### Heated tiling (thickness: 14mm + tile thickness)



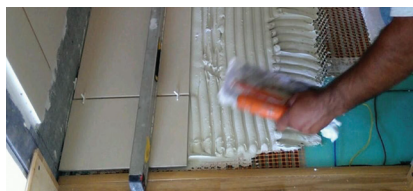
Bonding of the insulation panel EPS 200 1cm on the substrate, with **NOVABOND PS FLEX**



Incorporating **AHT** grid into a **MARMOFLEX** or **NOVACOL FINE FLEX** adhesive layer depending on the application



Placing tiles or stone with joints which are filled with **NOVAGROUT** or **NOVAGROUT EPOXY**



### Heated microcement coatings (thickness 8mm)



Installation of **AHT** electrical grid on substrate primed with **PLANO CONTACT**



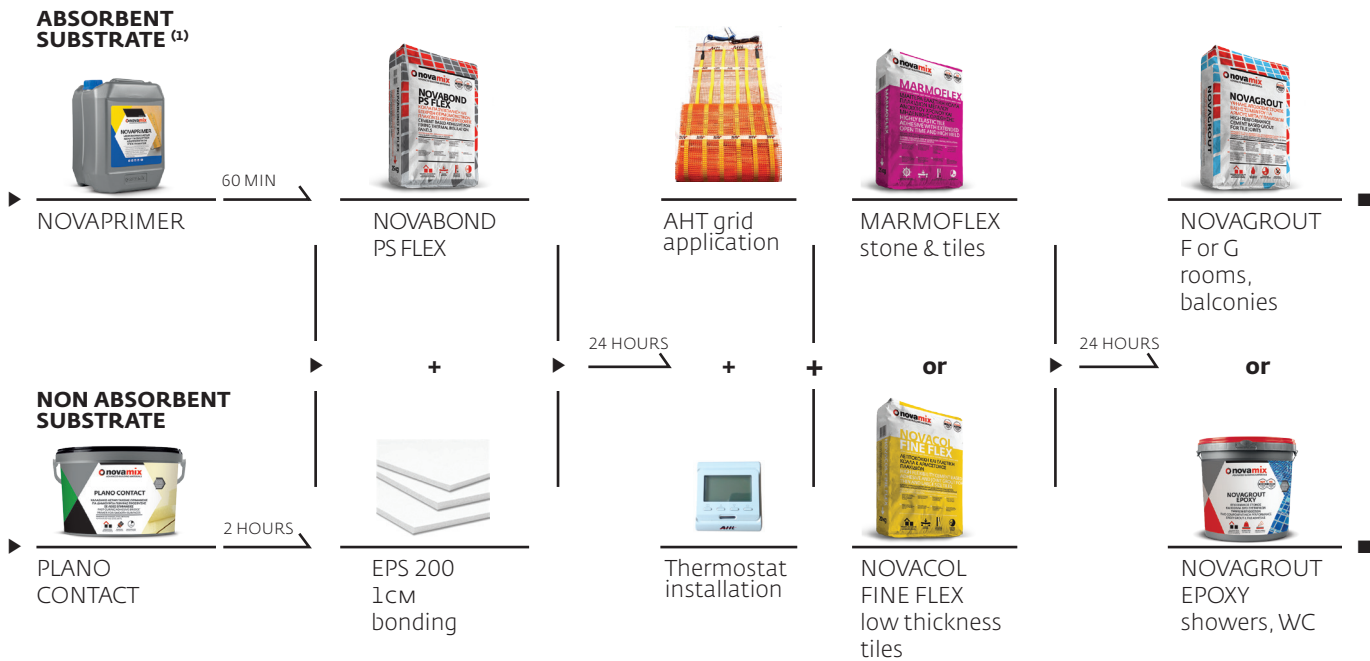
**AHT** Resistance Boxing with **MARMOFLEX**



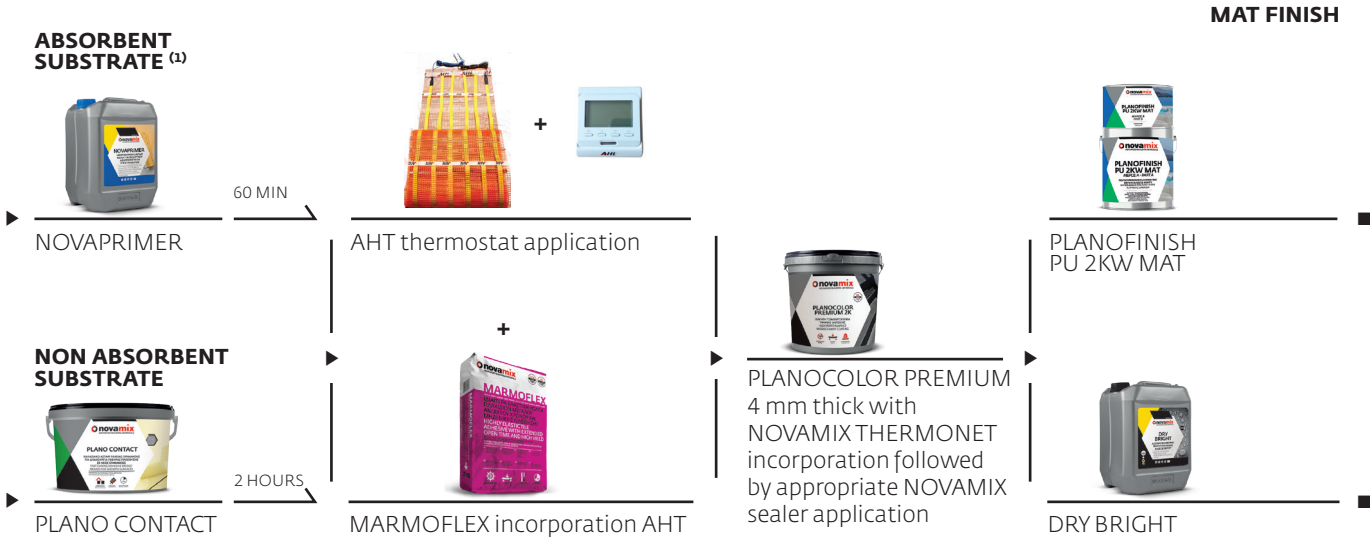
Application of **PREMIUM 2K** microcement coating (thickness 4mm) + **THERMONET**

# APPLICATION DIAGRAMS 'SMART' COATINGS

## HEATED FLOORS & WALLS (TILLING 14mm + TILE THICKNESS)



## HEATED FLOORS & WALLS (MICROCEMENT 8mm)



(1) In cases where substrate consolidation is required, apply WATERPRIMER EPX and follow the procedure of sand S 500 scattering on the fresh primer surface.



Le Meridien Excelsior Gallia, Italy



Olympic Residence, Cyprus



Villa Rossa, Parga



Offices in the Eiffel Tower



## SURFACE WATERPROOFING WITH MICROCEMENT COATINGS

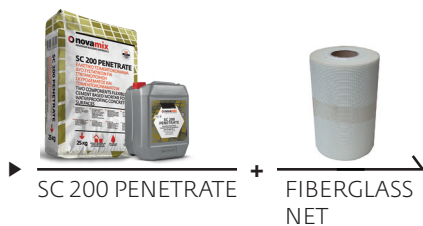
### Thin waterproof coating at 5mm total thickness / 4 - 5 days

Often in renovations we face a triple problem: a) requirement for waterproofing on a walkable-exposed surface (balconies and internal wet areas) b) lack of time (premises in operation like in example inhibited houses, business premises, hotels, restaurants) c) lack of application thickness (long sized balconies, existing tiling).

The combination of SC 200 PENETRATE or SC ELASTIC cement based waterproofing membranes combined with PLANOCOLOR PREMIUM microcement coatings allows us to create 5mm thick waterproof coatings (2mm for waterproofing + 3mm microcement = 5 mm) which can be applied even on existing coverings like tiles, marble or stone.

The end result is a final surface of high aesthetics with quick application and the minimum of thickness.

#### ABSORBENT SUBSTRATE



**MAT FINISH  
& FAST  
APPLICATION<sup>(1)</sup>**



#### NON ABSORBENT SUBSTRATE



(1) A different sealer can be used depending on the aesthetic requirements (satin, mat, glossy)



## ➤ WATERPROOF TILING 4MM + TILE THICKNESS

### Tiling with watertight adhesive (2 in 1) / 24 hours

In tile applications on external floors and wet areas, the sealing is preceded and followed by the tile laying with a suitable adhesive.

This process assumes that there is the time required for:

- a) application of a compatible to the tile adhesive waterproofing membrane
- b) curing time for this membrane to be able to "receive" the tile adhesive
- c) application of the adhesive and tiles

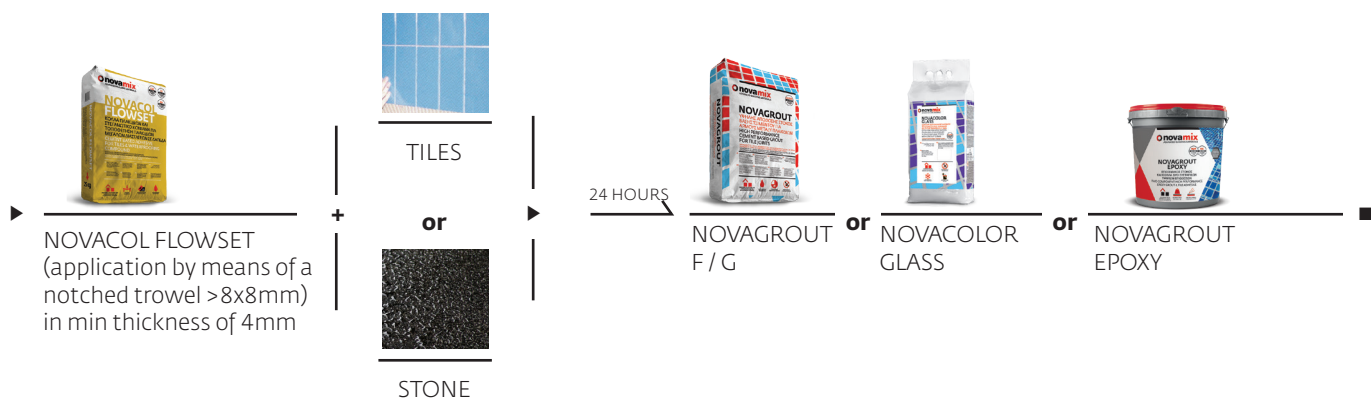
Good coordination is required between different application workshops.

**NOVACOL FLOWSET** certified as C2FE S1 tile adhesive according to EN 12004 but also as a mortar for waterproofing protection of concrete according to EN 1504-2 allows us to achieve tiling and waterproofing with 1 product by using 1 fitting workshop in 1 single action.

The economies that arise at all levels are obvious. **NOVACOL FLOWSET** has excellent adhesion to both absorbent substrates (like cement screeds) and existing coatings (like tiles or natural stones).

This feature combined with its waterproofing characteristics makes it an ideal solution to renovations in wet areas. But even in applications such as swimming pools, showers and constructions where we rely on multiple sealing systems, the use of watertight bonding mortar such as **NOVACOL FLOWSET**, instead of conventional tile adhesive, provides additional leakage protection.

## WATERPROOFING & TILING ON BALCONIES AND TERRACES





## ▼ WATERPROOF 'STONE CARPET' FLOOR

### Waterproof 5 - 10mm thick coating with rough finish / 48 - 72 hours

In outdoor floors other than waterproofing, priority is often given to the creation of watertight surfaces with rough finish. The quartz floors (PLANOCOLOR PU binding resin + PLANOCOLOR GRANIT MQ, MR, LC or S) are a beautiful and technically sound solution.

A prerequisite is to seal the substrate with SC ELASTIC or SC 200 PENETRATE and to provide the correct slopes in order for the coating to act as a drainage membrane.

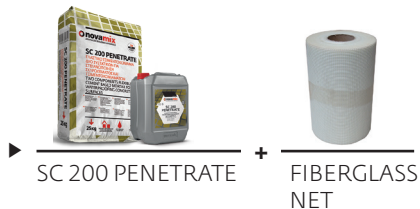
The entire system (sealing membrane + quartz coating) usually does not exceed 10mm in thickness.

The thickness depends on the maximum grain of granulates used. These features make this solution ideal for the creation of a practical, waterproof coating that combines fast application, low thickness, rough surface with high aesthetics in the form of 'stone carpet'.

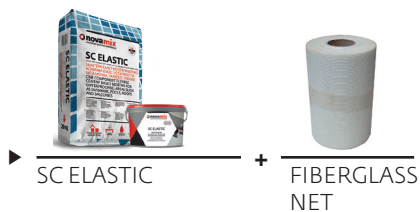
The ability of the compatible SC ELASTIC waterproofing membrane to be applied directly, and on substrates such as existing tiles, makes the system ideal solution for fast track renovations.

## OUTDOOR FLOORS WATERPROOFING

### ABSORBENT SUBSTRATE



### NON ABSORBENT SUBSTRATE







## ➤ WATERPROOF MICRO-PEBBLE COATING

### Chemically resistant levelling coating of 6 - 20mm / 48 - 72 hours

On outdoor floors and constructions such as external floors, swimming pools or artificial lakes exists the requirement of chemically resistant surface with rough finish combined with increased mechanical strength, high aesthetics and fast application.

The micro – pebble coatings made with the **NOVACEM CREATIVE** hydraulic binders provide the answer to these issues. Especially in constructions such as swimming pools, their application as a final coating practically eliminates the levelling compound on the walls, while allowing the easy overlapping of curved structural elements, providing also the effect of a pebbled or sandy beach.

The durability of this coating on cleaners makes maintenance easier.

## EXTERNAL WALLS FLOORS & SWIMMING POOLS

### ABSORBENT SUBSTRATE



SC 200 PENETRATE

+



FIBERGLASS NET

### NON ABSORBENT SUBSTRATE



SC ELASTIC

+

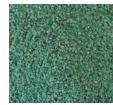


FIBERGLASS NET



NOVACEM CREATIVE

+



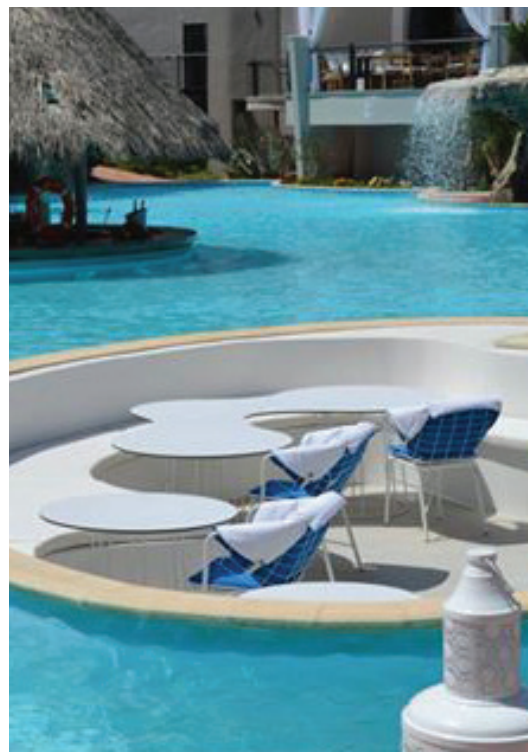
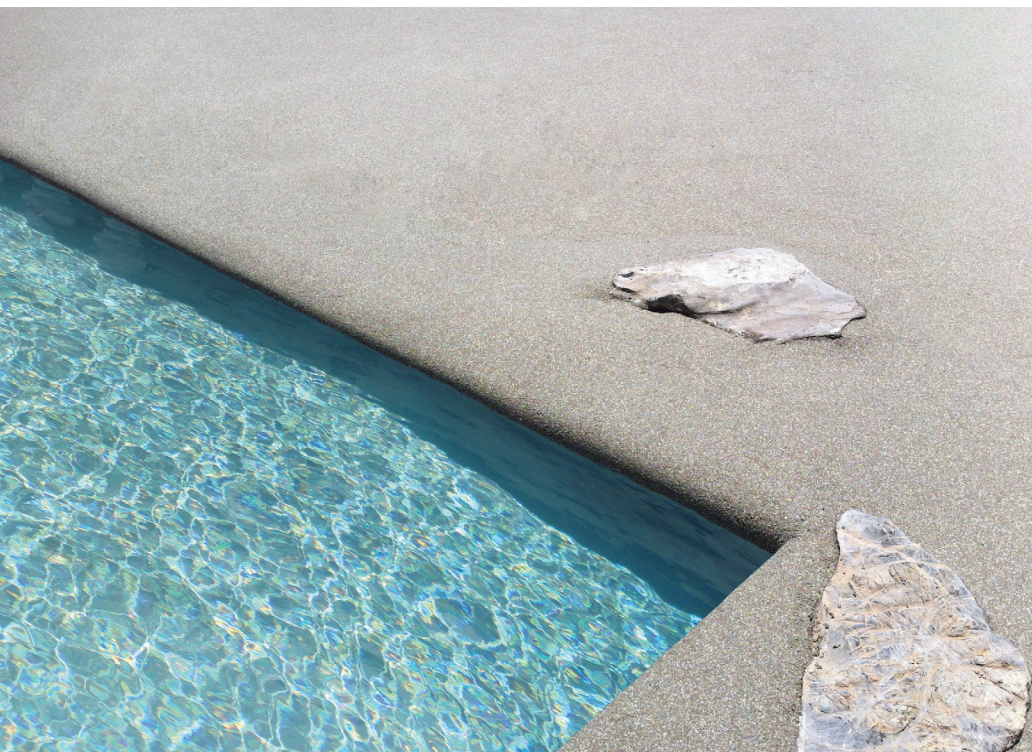
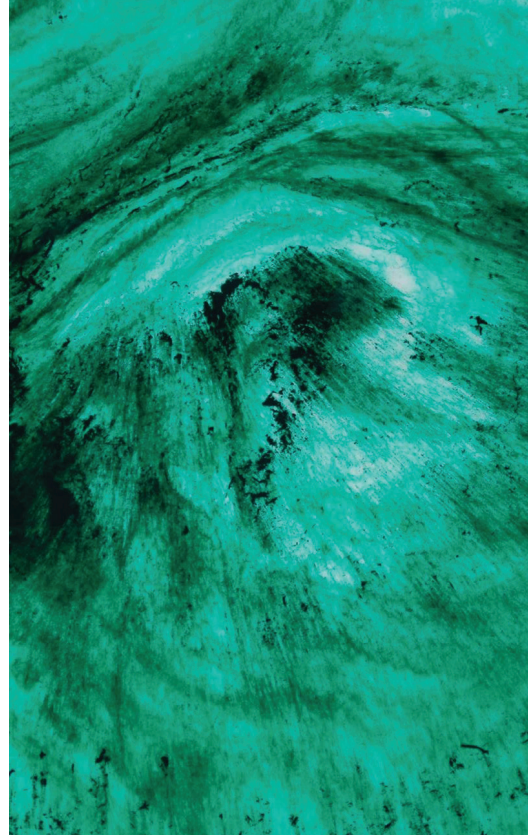
MQ, MR <sup>(1)</sup>, S, LC  
75 - 65% total



or

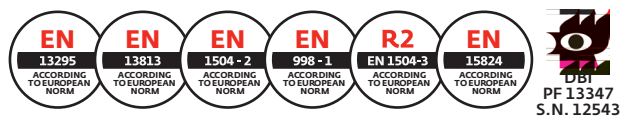
**NO SEALER REQUIREMENT  
INSIDE SWIMMING POOLS**

**NOTE:** The choice of sealer depends on the use of the area and the application mix  
(1) The MR (marble granulates) are not recommended for swimming pools















# HIGH STRENGTH DECORATIVE COATINGS PLANOCOLOR® SYSTEM

- 27 Products for the substrate preparation
- 28 PLANOCOLOR® MICROCEMENT decorative coatings
- 29 Varnishes for PLANOCOLOR® MICROCEMENT
- 30 Complementary products for PLANOCOLOR® MICROCEMENT
- 31 Pebbled floors & polished terrazzo coatings PLANOCOLOR® TERAZZO
- 32 Low thickness terrazzo coatings PLANOCOLOR® MICRO-TERAZZO
- 33 Products for polished terrazzo finishing
- 34 Binder resins for 'stone carpet' floors & walls PLANOCOLOR® GRANIT
- 35 Natural uncoated quartz, marble & recycled glass granulates
- 36 Coated granulates, compilations, treated with glitter
- 37 'Liquid glass' & resin floorings PLANOCOLOR® RESIN



## 27 PRODUCTS FOR THE SUBSTRATE PREPARATION

DESCRIPTION	COLOUR	PACK	PALLET
<p><b>NOVACEM RAPID FLOW (20-80mm)</b> Fast curing and drying mortar, with great flowing abilities used for levelling floors. It receives tiling after 2 - 3 hours and coverings sensitive to humidity like wood, carpet, self levelling compounds, microcement or epoxy coatings after 12 - 24 hours. <i>Consumption:</i> 2,4kg/m<sup>2</sup>/mm of thickness.</p>		25kg	1250kg
			
<p><b>BAUMENT RAPID FLOW</b> Double-action admixture specially designed for producing fluid and fast drying floor levelling mortars. By mixing <b>BAUMENT RAPID FLOW</b> with cement, concrete sand and water in an appropriate ratio, we achieve an almost self-levelling cement mortar that quickly eliminates moisture. <i>Consumption:</i> depending on available sand and cement.</p>		12x1L 4x5L 20L	- 480L 480L
			
<p><b>RC 220 (2-20mm)</b> Fibre reinforced and thixotropic levelling mortar for horizontal and vertical surfaces. Suitable for rough and smooth concrete, cement mortars, masonry coatings, staircases, pool formation before applying waterproofing. Applied directly to mosaics or existing tiles after priming with <b>PLANO CONTACT</b>. <i>Consumption:</i> 1,5kg/m<sup>2</sup>/ mm of thickness.</p>	White Grey	25kg 25kg	1250kg 1250kg
			
<p><b>RC 240 (5-40mm)</b> Fibre reinforced and thixotropic levelling mortar for horizontal and vertical surfaces. Suitable for rough and smooth concrete, cement mortars, masonry coatings, staircases, pool formation before applying waterproofing. Applied directly to mosaics or existing tiles after priming with <b>PLANO CONTACT</b>. Walk able after few hours. <i>Consumption:</i> 1,8kg/m<sup>2</sup>/ mm of thickness.</p>	Grey	25kg	1250kg
			
<p><b>PLANO 120 (1-7mm ή 8-20mm S/F)</b> Fast drying and self-levelling substrate levelling mortar in a thickness of 1 - 7mm. For 8 - 20 mm thickness, the addition of 25% sand <b>PLANOCOLOR GRANIT S 20</b> is required. Ideal for substrate levelling before the application of <b>PLANOCOLOR RESIN</b> coatings. Non-absorbent substrates should first receive priming with <b>PLANO CONTACT</b>. The <b>PLANO 120</b> version is certified for ships as part of the <b>NOVAMIX MARINE FLOORING SYSTEM</b>. <i>Consumption:</i> 1,7kg/m<sup>2</sup>/ mm of thickness.</p>	PLANO 120 PLANO 120 MARINE PLANOCOLOR GRANIT S20 (0,5 - 1,0)	25kg 25kg 25kg	1250kg 1250kg 800kg
			 
<p><b>PLANOPRIMER</b> Synthetic resin primer that creates uniform absorbency on mineral substrates and improves adhesion of cement based coatings such as <b>PLANOCOLOR MICROCEMENT</b> coatings, concrete repair and cement based self-levelling mortars. It is used diluted also in between the subsequent layers of microcement coatings in order to increase adhesion and ease application. <i>Consumption:</i> 60 - 200ml/m<sup>2</sup>.</p>		12x1L 4x5L 20L	- 480L 480L
			




CODE 08206 (white), 08169 (grey)

CODE 08170

CODE 00052

CODE 08151 (1L), 06479 (5L), 06480 (20L)

## 27 PRODUCTS FOR THE SUBSTRATE PREPARATION

DESCRIPTION	COLOUR	PACK	PALLET
<p><b>NOVAPRIMER</b> Acrylic resin primer which penetrates and consolidates absorbent substrates, like plasters and cement screeds, before the application of microcement coatings. The application of the decorative coating is done after 40 - 60 minutes. <b>Consumption:</b> undiluted 200 - 300ml/m<sup>2</sup> or 70 - 100ml/m<sup>2</sup> (diluted 1:3 with water) for consolidation 200 - 800ml/m<sup>2</sup>.</p> <p>CODE 00059 (1L), 06289 (5L), 06290 (20L)</p>		12x1L 4x5L 20L	- 480L 480L
			
<p><b>PLANO CONTACT</b> Fast application (2-3hours) one component synthetic resin primer enhanced with silica sand, which creates adhesive bridge on smooth and non-absorbent surfaces like metal, existing tiling, terrazzo. It is used prior to the application of decorative coatings such as microcement, micro terrazzo, quartz plasters made with PLANOCOLOR AC binder resin. Suitable for application inside boats being part of the NOVAMIX MARINE FLOORING SYSTEM. <b>Consumption:</b> 300 - 350gr/m<sup>2</sup>.</p> <p>CODE 06106 (5kg), 06165 (15kg)</p>	Beige Beige	5kg 20kg	390kg 360kg
 			
<p><b>SC ELASTIC</b> One component, fibre reinforced, elastic, cement based mortar used for waterproofing areas such as swimming pools, terraces, water tanks prior to the application of microcement, micro-pebbled or 'stone carpet' decorative coatings. It is suitable for absorbent and non-absorbent substrates. The minimum total thickness shouldn't be less than 2mm. <b>Consumption:</b> 2,4kg/m<sup>2</sup> for 2mm.</p> <p>CODE 04904 (5Kg), 00068 (20Kg)</p>	White White	5kg 20kg	390kg 1000kg
 			
<p><b>SC 200 PENETRATE</b> Two component, cement based waterproofing elastic mortar, for waterproofing areas such as swimming pools, terraces, water tanks prior to the application of microcement, micro-pebbled or 'stone carpet' decorative coatings. It is suitable for absorbent substrates. The minimum total thickness shouldn't be less than 2mm. <b>Consumption:</b> 3,2kg/m<sup>2</sup> for 2mm.</p> <p>CODE 07605 (white), 07606 (grey), 07604 (liquid)</p>	White Grey B Liquid	(25+7)kg (25+7)kg 7kg	1250kg 1250kg 350kg
 			
<p><b>WATER PRIMER EPX</b> Two component water based epoxy primer for in depth consolidation of absorbent surfaces with reduced superficial strength. It forms barrier to rising humidity of up to 4%. Whilst fresh silica sand like S 500 is scattered on the final coat in order to create adhesive bridge with the subsequent cement based compounds. For PLANOCOLOR RESIN coatings the S500 scattering, process is not required. <b>Consumption:</b> 150 - 300ml/m<sup>2</sup>.</p> <p>CODE 07913 (A), 07914 (B)</p>			(2+1) L
			
<p><b>PLANOPRIMER EPOXY</b> Two component, epoxy primer free of solvents, used for creating adhesive bridge on non-absorbent substrates such as existing marble or ceramic tiles, metal, traces of epoxy paints or coatings. Whilst fresh silica sand like S 500 is scattered on the final coat in order to create adhesive bridge with the subsequent cement based compounds. For PLANOCOLOR RESIN the S500 scattering, process is not required. <b>Consumption:</b> 100 - 200ml/m<sup>2</sup>.</p> <p>CODE 06539, 04576 (S500)</p>	S 500	(1,9+1,1)L 25kg	- 800kg
			

# 28 PLANOCOLOR® MICROCEMENT DECORATIVE COATINGS

DESCRIPTION	COLOUR	PACK	PALLET / BOX
<b>PLANOCOLOR PREMIUM 2K</b> High strength, two-component microcement coating for floor and wall applications. Recommended for indoor and outdoor and for surfaces where high strength is required. Suitable for wet areas but not for swimming pools (use PREMIUM SP). It is applied in 2 - 3 coats, with fibreglass net incorporation on floors. The minimum total thickness is 2 - 3mm. It gives a particularly smooth texture. Available in an off-white base which is mixed with NOVACOLOR DESIGN colour pigments. Ideal for renovations since, after "sanding" the varnish and priming the surface of the old coating, we can change the colour of the surface with a single coat application without "raising" the floor. <i>Consumption:</i> see page 55.		(7,5+1)kg	408kg
		(15+2)kg	408kg



CODE 07094 (7,5+1kg), 07095 (15+2kg)

<b>PLANOCOLOR PREMIUM SP</b> Two-component microcement coating with high resistance to chemical stress and at the same time suitable for swimming pools, tanks, built-in showers, bathtubs, steam baths. Certified also according to EN 1504-2 as waterproofing protection of concrete. In wet areas, a strong cement based waterproofing membrane such as SC ELASTIC or SC 200 PENETRATE must be applied beforehand. In swimming pools is applied to a minimum total thickness of 3mm (walls & floors) with fibreglass net incorporation. Available in an off-white base which is mixed with specific NOVACOLOR DESIGN colour pigments. <i>Consumption:</i> see page 55.		(15+2)kg	408kg
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CODE 07096

<b>NOVACOLOR DESIGN &amp; DESIGN A/V</b> Liquid pigments mixed with the PLANOCOLOR PREMIUM 2K and SP (NOVACOLOR DESIGN), PLANOCOLOR VENETICO and ANTICO (NOVACOLOR DESIGN A/V) microcement coatings. The mixing ratio to achieve the shades of the STANDARDISED COLOUR CHART is 2 NOVACOLOR DESIGN pigments for each (15+2) kg PREMIUM. For NON-STANDARDISED COLOUR CHART (see page 57). Correspondingly, 1 NOVACOLOR DESIGN A/V pigment is mixed with 5kg of PLANOCOLOR VENETICO powder or 10kg of ANTICO powder. The 250ml or 500ml mark on the recipient refers to the container rather than the amount of pigment that varies depending on the colour code number. Charge is per piece of pigment.	0032,0035,1002 1013,1014,1015 1019,1024,3012 3015,4009,5012 5024,6001,6013 6019,7000,7001 7002,7004,7005 7006,7011,7012 7013,7016,7022 7023,7030,7031 7032,7035,7036 7038,7039,7040 7042,7044,7047 8001,8017,8019 9001,9002,9003 9010,9017,9018	250ml	24 pcs
	0014,0024,0034 0044,0054,0064 0074,0084	250ml	24 pcs
	9003+10%	500ml	12 pcs
	1021,2009,3004 3020,4006	500ml	12 pcs
	<b>NOVACOLOR DESIGN A/V</b> 0014,0024,0034 0044,0054,0064 0074,0084,1019 7004,7036,7040 7047	250ml	24 pcs



# 28 PLANOCOLOR® MICROCEMENT DECORATIVE COATINGS

DESCRIPTION	PACK	PALLET
<b>PLANOCOLOR VENETICO</b> Brilliant white powder, particularly fine-grained, which is mixed with pigments in liquid or powder form in order to create decorative stucco coatings. Mix is done only with water and pigment. It is applied to indoor and outdoor as well as baths and wet area walls (no total immersion). It is applied at a thickness of 1 - 2mm for each layer. It is mixed with <b>NOVACOLOR DESIGN A/V</b> pigments to achieve shades of the relevant colour charts (see pages 56 - 57). <b>Consumption:</b> 1,2kg/m <sup>2</sup> /mm of thickness. CODE 07167 (5Kg), 08033 (20Kg)	12kg	216kg
	20kg	1200kg



<b>PLANOCOLOR ANTICO</b> Traditional textured cement based mortar for creating decorative coatings on interior and exterior wall applications. It is mixed with <b>NOVACOLOR DESIGN A/V</b> pigments and water in order to obtain shades of the relevant colour charts (see pages 56 - 57). <b>Consumption:</b> 1,2 - 1,4kg/m <sup>2</sup> /mm of thickness. CODE 08062	20kg	1200kg
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## TABLE C1 CONSUMPTION OF PLANOCOLOR® MICROCEMENT COATINGS

SUBSTRATE LEVELLING	Consumption / m <sup>2</sup>	Remarks
NOVACEM RAPID FLOW	23 - 24kg/m <sup>2</sup> /cm	Application thickness 20 - 80mm
RC 220	1,5kg/m <sup>2</sup> /mm	Application thickness 2 - 20mm
RC 240	1,8kg/m <sup>2</sup> /mm	Application thickness 5 - 40mm
PRIMERS FOR SUB-STRATE PREPARATION	Consumption / m <sup>2</sup>	Remarks
PLANOPRIMER	100 - 120ml/m <sup>2</sup>	Undiluted
PLANOPRIMER	50 - 60ml/m <sup>2</sup>	Diluted 1 ÷ 1 with water, applied between layers of coatings
PLANO CONTACT	300 - 350gr/m <sup>2</sup>	Bonding bridge for smooth substrates
SC ELASTIC	2,4 kg/m <sup>2</sup>	Thickness 2mm. Waterproofing of absorbent and non absorbent substrates
SC 200 PENETRATE	3,2kg/m <sup>2</sup>	Thickness 2mm. Waterproofing of absorbent substrates
WATER PRIMER EPX	150 - 300ml/m <sup>2</sup>	1-2 coats with S 500 scattering on the final still "fresh" coat (consolidation)
PLANOPRIMER EPOXY	100 - 200ml/m <sup>2</sup>	1 coats with S 500 scattering on the final still "fresh" coat (bonding bridge)
S 500	400 - 500gr/m <sup>2</sup>	Scattering on the "fresh" WATERPRIMER EPX or PLANOPRIMER EPOXY coat
PLANOCOLOR PREMIUM 2K or SP & NOVACOLOR DESIGN	Consumption / m <sup>2</sup>	Remarks
FLOORS & POOLS(SP)	3kg/m <sup>2</sup>	Application thickness of 3mm with fiberglass net incorporation
NOVAMIX FIBERGLASS NET	1,00m <sup>2</sup>	Total area in rolls of 50m <sup>2</sup>
WALLS		
PREMIUM 2K or SP(*)	1,5 - 2kg/m <sup>2</sup>	Application thickness of 1-2mm without fiberglass net incorporation
NOVACOLOR DESIGN	2 pcs 250 or 500ml	STANDARDISED COLOUR CHART for PREMIUM 2K (15+2)kg
NOVACOLOR DESIGN	2 - 6 pcs 250ml	NON-STANDARDISED COLOUR CHART for PREMIUM 2K (15+2)kg
PLANOCOLOR (*) VENETICO or ANTICO & NOVACOLOR DESIGN	Consumption / m <sup>2</sup>	Remarks
VENETICO or ANTICO	1,2kg/m <sup>2</sup> /mm or 1,2 - 1,4kg/m <sup>2</sup> /mm	Application thickness of 1-2,5mm without fibreglass net incorporation
NOVACOLOR DESIGN A/V	1 pcs 250ml	For every 5kg of VENETICO
NOVACOLOR DESIGN A/V	2 pcs 250ml	For every 20kg of ANTICO

(\*) For dry walls it is recommended to apply first a coat of SC ELASTIC or NOVABOND PS FLEX + THERMONET.

# STANDARDIZED COLOUR CHART <sup>(1), (2)</sup> FOR PREMIUM 2K, SP, VENETICO, ANTICO

LIGHT BEIGE 0032 NEW A/V 2K	ULTRA IVORY 0035 NEW A/V 2K	SAND YELLOW 1002 2K	OYSTER WHITE 1013 2K/SP	IVORY 1014 2K
LIGHT IVORY 1015 NEW A/V 2K/SP	GREY BEIGE 1019 A/V 2K/SP	RAPE YELLOW 1021 A/V 2K	OCHRE YELLOW 1024 2K/SP	TRAFFIC ORANGE 2009 2K
PURPLE RED 3004 2K	BEIGE RED 3012 2K/SP	LIGHT PINK 3015 2K	TRAFFIC RED 3020 2K	TRAFFIC PURPLE 4006 2K
PASTEL VIOLET 4009 NEW A/V 2K	LIGHT BLUE 5012 NEW A/V 2K/SP	PASTEL BLUE 5024 NEW A/V 2K/SP	EMERALD GREEN 6001 2K	REED GREEN 6013 2K/SP
PASTEL GREEN 6019 NEW A/V 2K	SQUIRREL GREY 7000 NEW A/V 2K/SP	SILVER GREY 7001 NEW A/V 2K/SP	OLIVE GREY 7002 NEW A/V 2K/SP	SIGNAL GREY 7004 A/V 2K/SP
MOUSE GREY 7005 NEW A/V 2K/SP	BEIGE GREY 7006 2K	IRON GREY 7011 NEW A/V 2K/SP	BASALT GREY 7012 NEW A/V 2K/SP	BROWN GREY 7013 2K/SP
ANTRACITE GREY 7016 2K/SP	UMBRA GREY 7022 2K/SP	CONCRETE GREY 7023 NEW A/V 2K	STONE GREY 7030 2K/SP	BLUE GREY 7031 NEW A/V 2K
PEBBLE GREY 7032 NEW A/V 2K/SP	LIGHT GREY 7035 NEW A/V 2K	PLATINUM GREY 7036 NEW A/V 2K/SP	AGATE GREY 7038 NEW A/V 2K	QUARTZ GREY 7039 NEW A/V 2K/SP
WINDOW GREY 7040 A/V 2K/SP	TRAFFIC GREY A 7042 NEW A/V 2K/SP	SILK GREY 7044 NEW A/V 2K/SP	TELEGREY 4 7047 A/V 2K/SP	OCHRE BROWN 8001 NEW A/V 2K/SP
CHOCOLATE BROWN 8017 2K	GREY BROWN 8019 2K/SP	CREAM 9001 2K/SP	GREY WHITE 9002 2K/SP	SIGNAL WHITE 9003 NEW A/V 2K/SP
2K = PREMIUM 2K SP = PREMIUM SP A/V = ANTICO / VENETICO	BRILLIANT WHITE 9003+10% 2K/SP	PURE WHITE 9010 2K/SP	TRAFFIC BLACK 9017 2K/SP	PAPYRUS WHITE 9018 2K/SP

## REMARK 1 FOR STANDARDIZED & NON-STANDARDIZED COLOUR CHARTS OF PLANOCOLOR MICROCEMENT


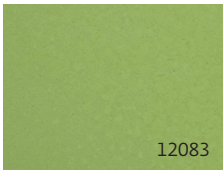
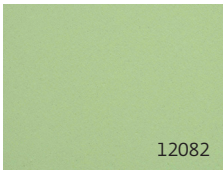
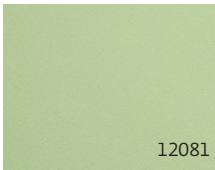
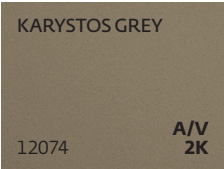
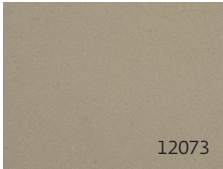
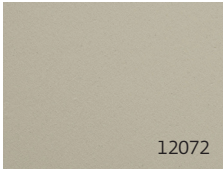
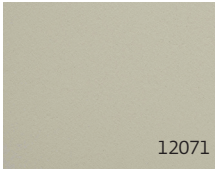
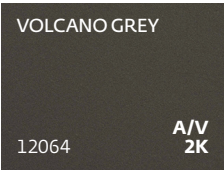
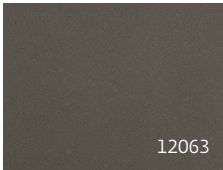
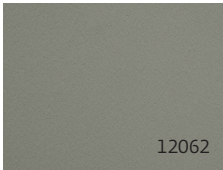
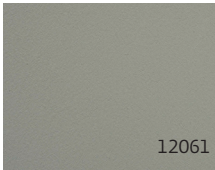
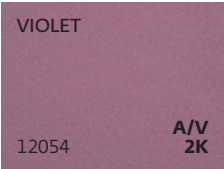

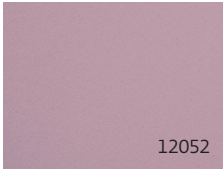

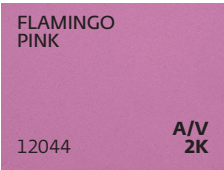
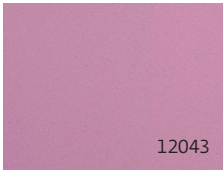
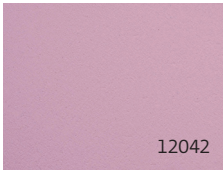
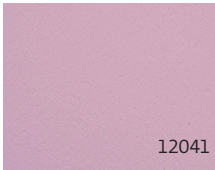
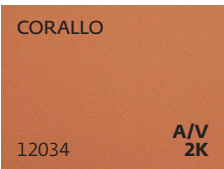
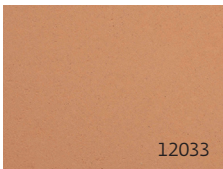


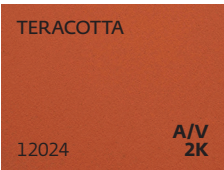

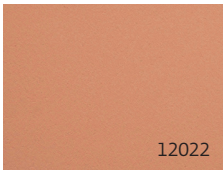
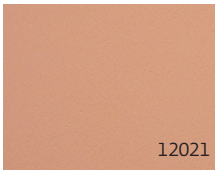
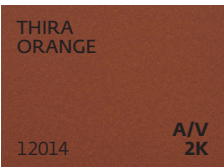
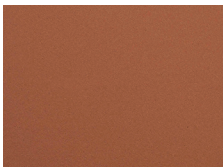


Due to printing and application procedure (pressing, mixing with colour pigment, different varnishes) the colours and their final appearance presented here should be considered as indicative.

REMARK 2 Only colours marked with 'SP' are suitable for total water immersion inside swimming pools.



# NON STANDARDIZED COLOUR CHART <sup>(1), (3)</sup>






## FOR PREMIUM 2K, VENETICO, ANTICO

<p><b>12084</b> 2x0084 (250 mL)  <b>12083</b> 1x0084 (250 mL)  <b>12082</b>                      1x0084 (250 mL) + 1x9003 (250 mL)  <b>12081</b>                      1x0084 (250 mL) + 2x9003 (250 mL)</p>	<p><b>PASTEL GREEN</b></p>  <p>12084 <b>A/V 2K</b></p>	 <p>12083</p>	 <p>12082</p>	 <p>12081</p>
<p><b>12074</b> 2x0074 (250 mL)  <b>12073</b> 1x0074 (250 mL)  <b>12072</b>                      1x0074 (250 mL) + 1x9003 (250 mL)  <b>12071</b>                      1x0074 (250 mL) + 2x9003 (250 mL)</p>	<p><b>KARYSTOS GREY</b></p>  <p>12074 <b>A/V 2K</b></p>	 <p>12073</p>	 <p>12072</p>	 <p>12071</p>
<p><b>12064</b> 2x0064 (250 mL)  <b>12063</b> 1x0064 (250 mL)  <b>12062</b>                      1x0064 (250 mL) + 1x9003 (250 mL)  <b>12061</b>                      1x0064 (250 mL) + 2x9003 (250 mL)</p>	<p><b>VOLCANO GREY</b></p>  <p>12064 <b>A/V 2K</b></p>	 <p>12063</p>	 <p>12062</p>	 <p>12061</p>
<p><b>12054</b> 2x0054 (250 mL)  <b>12053</b> 1x0054 (250 mL)  <b>12052</b>                      1x0054 (250 mL) + 1x9003 (250 mL)  <b>12051</b>                      1x0054 (250 mL) + 2x9003 (250 mL)</p>	<p><b>VIOLET</b></p>  <p>12054 <b>A/V 2K</b></p>	 <p>12053</p>	 <p>12052</p>	 <p>12051</p>
<p><b>12044</b> 2x0044 (250 mL)  <b>12043</b> 1x0044 (250 mL)  <b>12042</b>                      1x0044 (250 mL) + 1x9003 (250 mL)  <b>12041</b>                      1x0044 (250 mL) + 2x9003 (250 mL)</p>	<p><b>FLAMINGO PINK</b></p>  <p>12044 <b>A/V 2K</b></p>	 <p>12043</p>	 <p>12042</p>	 <p>12041</p>
<p><b>12034</b> 2x0034 (250 mL)  <b>12033</b> 1x0034 (250 mL)  <b>12032</b>                      1x0034 (250 mL) + 1x9003 (250 mL)  <b>12031</b>                      1x0034 (250 mL) + 2x9003 (250 mL)</p>	<p><b>CORALLO</b></p>  <p>12034 <b>A/V 2K</b></p>	 <p>12033</p>	 <p>12032</p>	 <p>12031</p>
<p><b>12024</b> 2x0024 (250 mL)  <b>12023</b> 1x0024 (250 mL)  <b>12022</b>                      1x0024 (250 mL) + 1x9003 (250 mL)  <b>12021</b>                      1x0024 (250 mL) + 2x9003 (250 mL)</p>	<p><b>TERACOTTA</b></p>  <p>12024 <b>A/V 2K</b></p>	 <p>12023</p>	 <p>12022</p>	 <p>12021</p>
<p><b>12014</b> 2x0014 (250 mL)  <b>12013</b> 1x0014 (250 mL)  <b>12012</b>                      1x0014 (250 mL) + 1x9003 (250 mL)  <b>12011</b>                      1x0014 (250 mL) + 2x9003 (250 mL)</p>	<p><b>THIRA ORANGE</b></p>  <p>12014 <b>A/V 2K</b></p>	 <p>12013</p>	 <p>12012</p>	 <p>12011</p>

**EXPLANATION** All not standard colours presented here, are obtained by mixing the NOVACOLOR DESIGN base pigment (in example for pastel green 12084 it is 0084) with the relevant quantity of NOVACOLOR DESIGN signal white 9003, according to the proportions provided above. These specific NOVACOLOR DESIGN quantities refer to 7,5kg PREMIUM 2K powder, 5kg VENETICO powder or 10kg ANTICO powder. For larger quantities the pigment is increased accordingly.

**REMARK 3** All pigments of the NON-STANDARDIZED COLOUR CHART are recommended for internal use and not for total water immersion or inside swimming pools.

# 29 VARNISHES FOR PLANOCOLOR® MICROCEMENT

DESCRIPTION	PACK	PALLET
<p><b>PLANOFINISH PU 2KW MAT</b></p> <p>Two-component polyurethane aliphatic varnish with mat finish. It is easily applied in 2 - 3 coats with a time interval of 15 - 30 minutes between them. Its rapid application makes it ideal for outdoor and renovations. It does not alter the colour of the microcement coating. Provides protection against dirt, water and oily pollutants. It also works with PLANOFINISH EPOXY &amp; DRY BRIGHT varnishes in applications with increased protection requirement such as benches or wet areas.</p> <p><b>Consumption:</b> see TABLE C2 page 59.</p> <p>CODE 08232 &amp; 07967 (1L), 08101 &amp; 07966 (4L)</p>	<p>1L</p> <hr/> <p>4L</p>	<p>-</p> <hr/> <p>312L</p>
		
<p><b>PLANOFINISH PU 2KS MAT</b></p> <p>Two-component, solvent based aliphatic polyurethane varnish with mat - satin finish for microcement coatings placed mainly in exterior. It is applied in two layers after one layer of DRY BRIGHT diluted 1/1 in water. If used without DRY BRIGHT, check for alteration of the final shade. It is not recommended to use it in a permanent presence of water (in example inside swimming pools). It is diluted with NOVATHINNER PU and it is applied in 2 layers.</p> <p><b>Consumption:</b> see TABLE C2 page 59.</p> <p>CODE 08529 (1L), 08527 (5L)</p>	<p>1L</p> <hr/> <p>5L</p>	<p>-</p> <hr/> <p>-</p>
		
<p><b>PLANOFINISH PU 2KS</b></p> <p>Two-component, solvent based aliphatic polyurethane varnish with glossy finish for microcement coatings placed mainly in exterior. It is applied in two layers after one layer of DRY BRIGHT 1/1 diluted in water. If used without DRY BRIGHT, check for alteration of the final shade. Suitable for swimming pools. It is diluted with NOVATHINNER PU. It is applied in 2 layers on floors and 3 layers in swimming pools (without using DRY BRIGHT in swimming pools).</p> <p><b>Consumption:</b> see TABLE C2 page 59.</p> <p>CODE 08528 (1L), 08526 (5L)</p>	<p>1L</p> <hr/> <p>5L</p>	<p>-</p> <hr/> <p>-</p>
		
<p><b>NOVATHINNER PU</b></p> <p>Solvent for mixing with PLANOFINISH PU 2KS &amp; PU 2KS MAT varnishes. It is recommended to use it when these varnishes are applied on surfaces of high consistency such as PLANOCOLOR PREMIUM microcement coatings. Also suitable for cleaning tools from fresh paint or resin products.</p> <p><b>Consumption:</b> see TABLE C2 page 59.</p> <p>CODE 08175 (1L), 08020 (5L)</p>	<p>1L</p> <hr/> <p>5L</p>	<p>-</p> <hr/> <p>-</p>
		
<p><b>DRY BRIGHT</b></p> <p>Hybridic aliphatic polyurethane water based varnish used for the protection of microcement coatings on walls or light traffic floors. It gives a "satin" appearance to the surface. It is applied in two layers (the first diluted 1/1 in water). It is also applied as a primer (1/1 in water) prior to the application of two layers of PLANOFINISH PU 2KS, 2KS MAT or 2KW MAT aliphatic polyurethane varnishes in order to enhance protection against colour alteration of the coating in areas with heavy use.</p> <p><b>Consumption:</b> see TABLE C2 page 59.</p> <p>CODE 04457 (1L), 04412 (5L)</p>	<p>5x1L</p> <hr/> <p>4x5L</p>	<p>-</p> <hr/> <p>480kg</p>
		

# 29 VARNISHES FOR PLANOCOLOR® MICROCEMENT

DESCRIPTION	PACK	PALLET
<b>PLANOFINISH EPOXY</b> Glossy, water-based epoxy varnish for the protection of microcement coatings. It is suitable for floors, walls total water immersion (internal swimming pools) and surfaces of heavy use such as kitchen countertops, bars, tables. It is applied in two coats crosswise undiluted by means of a roller. Also suitable as a pre-treatment in one layer before applying two layers of PLANOFINISH PU 2KW MAT, on surfaces of heavy use. For indoor use only. <i>Consumption:</i> see TABLE C2.	(2+1)L	-



CODE 07130 (2L) & 07131 (1L)

<b>PROTECT 200</b> Siloxane based waterproofing and oil protection, for coatings such as microcement on internal and external walls. Also suitable for NOVACEM CREATIVE micro-pebble coatings. Provides deep protection without altering the appearance of the coating. <i>Consumption:</i> see TABLE C2.	5x1L	-
	4x5L	480 L



CODE 04070 (5L), 00065 (1L)

## TABLE C2 VARNISHES CONSUMPTION PLANOCOLOR® MICROCEMENT

VARNISH	Consumption / m <sup>2</sup>	Remarks
PLANOFINISH PU 2KW MAT	120 - 150ml/m <sup>2</sup>	Application in 2 coats undiluted. Applied after DRY BRIGHT the consumption for two layers will be 120ml/m <sup>2</sup> .
PLANOFINISH EPOXY & PLANOFINISH PU 2KW MAT	100ml/m <sup>2</sup> 120ml/m <sup>2</sup>	PLANOFINISH EPOXY in 1 coat followed by 2 coats of PLANOFINISH PU 2KW MAT 120ml/m <sup>2</sup> . (KITCHEN COUNTERTOPS)
PLANOFINISH EPOXY	200ml/m <sup>2</sup>	Application in 2 coats undiluted. Glossy (INTERNAL SURFACES)
DRY BRIGHT & PLANOFINISH PU 2KS or PLANOFINISH PU 2KS MAT NOVATHINNER PU	80 - 100ml/m <sup>2</sup> 250ml/m <sup>2</sup> 30 - 40ml/m <sup>2</sup>	Application as 1st coat (1÷1 with water) followed by the 2nd & 3rd coat of PLANOFINISH PU 2KS or PU 2KS MAT (diluted 10 - 15% with NOVATHINNER PU). Matt - satin or glossy finish. (EXTERNAL FLOORS)
PLANOFINISH PU 2KS NOVATHINNER PU	375ml/m <sup>2</sup> 70 - 80ml/m <sup>2</sup>	Application in 3 coats: 1st coat (35% with NOVATHINNER PU) followed by the 2nd & 3rd coat (10 - 15% with NOVATHINNER PU). Glossy. Possible color alteration. (SWIMMING POOLS)
DRY BRIGHT	100 - 120ml/m <sup>2</sup>	Application in 2 coats (the 1 <sup>st</sup> 1÷1 with water). Satin (WALLS & LIGHT USE)
PROTECT 200	120ml/m <sup>2</sup>	Application in 2 coats undiluted. No color alteration (WALLS)

## 30 COMPLEMENTARY PRODUCTS

DESCRIPTION	PACK	PALLET
<b>NOVAMIX FIBERGLASS NET</b> Alkali resistant fibreglass net suitable for reinforcing microcement coatings. It functions also as thickness guide and as indication of when to stop grinding during renovation or colour change applications of the microcement coating.	50m <sup>2</sup>	3000m <sup>2</sup>
	142 INX 20	8 x 20cm <sup>2</sup>
	142 INX 24	24 x 10cm <sup>2</sup>
	142 INX 28	28 x 12cm <sup>2</sup>



CODE 07065

### TROWELS

Stainless steel trowels ideal for PLANOCOLOR decorative coatings application. They have rounded edges and therefore do not make 'lines' on the surface during application.

CODE 05305 (20), 05334 (24), 05304 (28)



# APPLICATION DIAGRAMS FOR PLANOCOLOR® MICROCEMENT

## SWIMMING POOL WALLS & FLOORS

### ABSORBENT SUBSTRATE



SC 200 PENETRATE  
3,2 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00m<sup>2</sup>

### NON ABSORBENT SUBSTRATE



SC ELASTIC  
2,4 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00 m<sup>2</sup>

48 - 72  
HOURS  
< 5 DAYS



PLANOCOLOR  
PREMIUM SP  
3 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00m<sup>2</sup>

(2 or 3 coats / 10 + 2 hours)



PLANOFINISH  
PU 2KS  
375 ml/m<sup>2</sup>  
(3 coats)



NOVATHINNER PU  
(1<sup>st</sup> coat diluted 35%,  
2<sup>nd</sup> & 3<sup>rd</sup> coat diluted  
10-15%)

### GLOSSY FINISH

## INTERNAL FLOORS

### ABSORBENT SUBSTRATE



PLANOPRIMER  
100 ml/m<sup>2</sup>



WATER  
PRIMER EPX  
150-300 ml/m<sup>2</sup>  
+S500  
400-500gr/m<sup>2</sup>

1 - 15 MIN  
PLANOPRIMER

24 HOURS  
WATER PRIMER  
EPX + S500

### NON ABSORBENT SUBSTRATE



PLANO  
CONTACT  
300-350 gr/m<sup>2</sup>



PREMIUM 2K  
0,5kg/m<sup>2</sup>  
(tiles with  
wide joints)

8 - 12 HOURS  
PREMIUM 2K

2 HOURS  
PLANO CONTACT



PLANOCOLOR  
PREMIUM  
3 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00m<sup>2</sup>

(2 or 3 coats / 10 + 2 hours)

## MAT FINISH WITH ENHANCED PROTECTION

24 - 36  
HOURS



DRY BRIGHT  
80-100 ml/m<sup>2</sup>  
1÷1 with water

2 - 5  
HOURS



PLANOFINISH  
PU 2KW MAT  
120 ml/m<sup>2</sup>  
(2 coats)

## MAT FINISH WITH FAST APPLICATION

18 - 24  
HOURS



PLANOFINISH  
PU 2KW MAT  
100ml/m<sup>2</sup>

30 - 60  
MIN



PLANOFINISH  
PU 2KW MAT  
50ml/m<sup>2</sup>  
(1-2 coats)

### GLOSSY FINISH

24 - 36  
HOURS



PLANOFINISH  
EPOXY  
120ml/m<sup>2</sup>

30 - 60  
MIN



PLANOFINISH  
EPOXY  
80 ml/m<sup>2</sup>

## KITCHEN COUNTERTOPS & SPECIAL CONSTRUCTIONS - INTERNAL AREAS

NOTE 1: Consumption and waiting times depend on the conditions of each jobsite.

NOTE 2: SC ELASTIC is suitable also for absorbent substrates.



SC ELASTIC  
2,4 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00 m<sup>2</sup>

48-72 HOURS  
< 5 DAYS



PLANOCOLOR  
PREMIUM 2K η SP  
3 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00 m<sup>2</sup>

24 - 36  
HOURS



PLANOFINISH  
EPOXY  
100ml/m<sup>2</sup>



PLANOFINISH  
PU 2K/W MAT  
120 ml/m<sup>2</sup> (2 coats)

### MAT FINISH

### GLOSSY FINISH



PLANOFINISH EPOXY  
80 ml/m<sup>2</sup> (1 coat)

# APPLICATION DIAGRAMS FOR PLANOCOLOR® MICROCEMENT

## EXTERNAL FLOORS & WET AREAS

### ABSORBENT SUBSTRATE



SC 200  
PENETRATE  
3,2 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00 m<sup>2</sup>

### NON ABSORBENT SUBSTRATE



SC ELASTIC  
2,4 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00 m<sup>2</sup>

48 - 72  
HOURS  
< 5 DAYS



PLANOCOLOR  
PREMIUM 2K or SP  
3 kg/m<sup>2</sup>



FIBERGLASS  
NET  
1,00 m<sup>2</sup>

(2 or 3 coats / 10 + 2 hours)

### MAT FINISH WITH ENHANCED PROTECTION

24 - 36  
HOURS



DRY BRIGHT  
80-100 ml/m<sup>2</sup>  
1 ÷ 1 with water

2 - 3 HOURS



PU 2KW MAT  
120 ml/m<sup>2</sup>  
(2 coats)

### MAT - SATIN FINISH

24 - 36  
HOURS



DRY BRIGHT  
80-100 ml/m<sup>2</sup>  
1 ÷ 1 with water

2 - 3 HOURS



PU 2KS MAT  
250 ml/m<sup>2</sup>  
(2 coats) with  
NOVATHINNER  
PU 50 -15 %

### GLOSSY FINISH

24 - 36  
HOURS



DRY BRIGHT  
80-100 ml/m<sup>2</sup>  
1 ÷ 1 with water

2 - 3 HOURS



PU 2KS  
250 ml/m<sup>2</sup>  
(2 coats) with  
NOVATHINNER  
PU 50 -15 %

## INTERNAL & EXTERNAL WALLS, STUCCO, TRADITIONAL\* FINISH

### ABSORBENT SUBSTRATE(\*\*)



PLANOPRIMER  
100 ml/m<sup>2</sup>

1-15 MIN



PLANOCOLOR  
VENETICO (\*)  
1,2 - 2,5kg/m<sup>2</sup>

or



PLANOCOLOR  
ANTICO (\*)  
1,4 - 2,8kg/m<sup>2</sup>

### NON ABSORBENT SUBSTRATE



PLANO  
CONTACT  
300-350gr/m<sup>2</sup>

2 HOURS



PLANOCOLOR PREMIUM  
1,5 - 2 kg/m<sup>2</sup>  
(2 coats)

### MAT FINISH WITH FAST APPLICATION

12 - 24  
HOURS



PLANOFINISH  
PU 2K/W MAT  
100 ml/m<sup>2</sup>

30 - 60  
MIN



PLANOFINISH  
PU 2KS MAT  
250 ml/m<sup>2</sup>

### SATIN FINISH

24 - 36  
HOURS



DRY BRIGHT  
80 ml/m<sup>2</sup>  
1 ÷ 1 with water

2 - 3  
HOURS



DRY BRIGHT  
40 ml/m<sup>2</sup>  
undiluted

### WATERPROOFING

24 - 36  
HOURS



PROTECT 200  
80 ml/m<sup>2</sup>  
undiluted

2 - 3  
HOURS



PROTECT 200  
40 ml/m<sup>2</sup>

\* For "traditional" texture apply PLANOCOLOR ANTICO.

\*\* For dry walls it is recommended to apply first a coat of SC ELASTIC or NOVABOND PS FLEX + THERMONET.

NOT JUST WORDS...

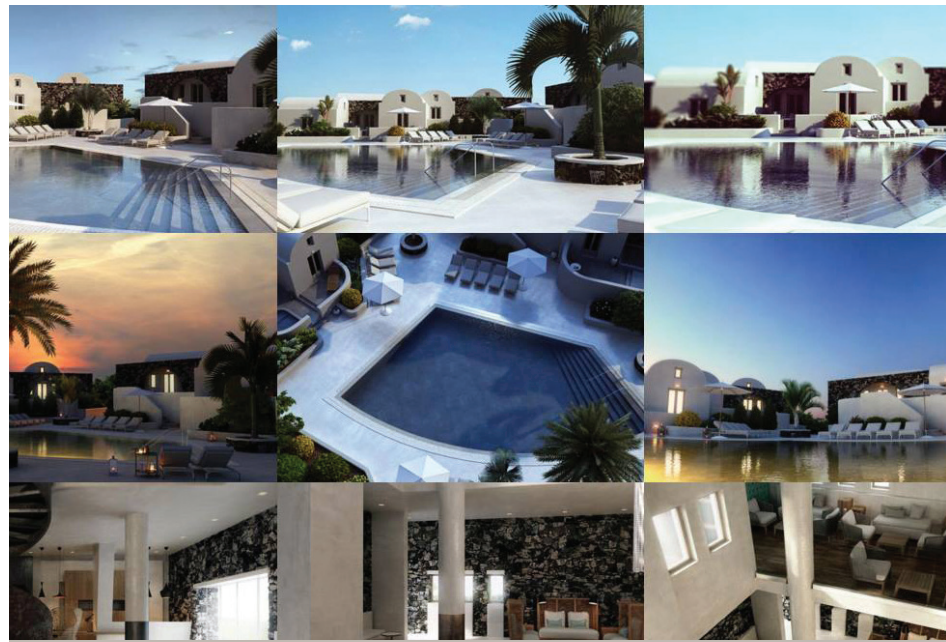
PLANOCOLOR® MICROCEMENT



MICROCEMENT APPLICATION ON BOAT



RESTAURANT BREEZE, DUBAI



SANTO MARIS OIA LUXURY SUITES & SPA, SANTORINI

BRANCO HOTEL, MYKONOS



RESTAURANT THEAME FOOD, INDIA





BILL & COO SUITES & LOUNGE, MYKONOS



MILOS BREEZE HOTEL, MILOS



DOMES NORUZ HOTEL, CHANIA

KENSHO BOUTIQUE HOTEL & SUITES, MYKONOS



# PEBBLED FLOORS & POLISHED TERRAZZO

## 31 COATINGS PLANOCOLOR® TERRAZZO

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVACEM CREATIVE</b> Cement based hydraulic binder which is mixed with <b>MQ</b> (quartz), <b>S</b> (silica), <b>MR</b> (marble), <b>LC</b> (light & coated) and/or <b>RC GLASS</b> recycled glass granulates (see pages 74 - 78) in order to create highly resistant to wear micro-pebble coatings on horizontal or vertical surfaces. These coatings depending on the type of granulates used in the mix can be applied as final covering also inside swimming pools. They are applied in a thickness of 6mm (walls) and 10 - 20 mm (floors) depending on the grain size of the used granulates. The granulates used inside the mix reveal after 12 - 48 hours by means of an appropriate "washing" process with water, <b>ACID CLEAN</b> and/or antique brushes. The <b>PLANOCOLOR CRT 052</b> surface retardant can be used during this process in order to facilitate the whole operation. <b>Mixing ratio:</b> 20 - 35% by weight of the dry mix.	White	15kg	900kg
	Grey	15kg	900kg



CODE 07724 (white), 08094 (grey)

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVACEM CREATIVE FLOOR</b> Cement based hydraulic binder enhanced with additives that facilitate application on floors. It is mixed with <b>MQ</b> (quartz), <b>S</b> (silica), <b>MR</b> (marble), <b>LC</b> (light & coated) and/or <b>RC GLASS</b> recycled glass granulates (see pages 74 - 78) in order to create highly resistant to wear micro-pebble or polished terrazzo coatings. It can also be mixed with alkaline pigments such as <b>NOVACOLOR OXIDE</b> . The coating is applied in a thickness of 10 - 20mm on floors depending on the grain size of the used granulates. If there is a requirement for application on vertical surfaces, the addition of <b>NOVACEM T</b> thixotropic admixture is required. The <b>PLANOCOLOR CRT 052</b> surface retarder can be used during the laying process, in order to create pebbled surface finish. The granulates used inside the mix reveal after 12 - 48 hours by means of appropriate washing process with water, <b>ACID CLEAN</b> and/or antique brushes. For polished terrazzo, grinding is done with a suitable machine after 24 - 48 hours, up to the desired gloss level. <b>Mixing ratio:</b> 25 - 35% by weight of the dry mix.	White	15kg	900kg
	Grey	15kg	900kg



CODE 08068 (white), 08096 (grey)

DESCRIPTION	COLOUR	PACK	PALLET
<b>PLANOCOLOR CRT 052</b> Surface setting retardant used for creating micro-pebble decorative coatings. It is applied by spraying the fresh and levelled on <b>NOVACEM CREATIVE</b> or <b>NOVACEM CREATIVE FLOOR</b> mixed mortar with 0,5mm minimum grain size. It has violet colour in order to control the coverage and it can be applied on horizontal and vertical surfaces. After 12 - 48 hours after its application, the surface is washed with water and/or mechanical means, leveling the surface of granulates used in the mix to a depth of only 0,5 mm. <b>PLANOCOLOR CRT 052</b> slows down the setting process of the mortar to a small depth (0,5mm), thus allowing for the use of particle size even 0,5 - 1,00 mm. <b>Consumption:</b> 200 - 300ml/m <sup>2</sup> .	Violet	4x5L	480L
	Violet	20L	480L



250gr -

DESCRIPTION	COLOUR	PACK	PALLET
<b>NOVACEM T</b> Admixture in powder form which is used inside the mixture of granulates and <b>NOVACEM CREATIVE FLOOR</b> in order to make it suitable for application on vertical surfaces such as skirtings, walls, swimming pools. <b>Consumption:</b> 250gr for every 15Kg <b>NOVACEM CREATIVE FLOOR</b> .			



CODE 08017



# APPLICATION DIAGRAMS FOR MICRO TERRAZZO PLANOCOLOR®

## INTERNAL, EXTERNAL WALLS, FLOORS & SWIMMING POOLS

### WET AREAS ABSORBENT SUBSTRATE



2 - 3 DAYS  
<5

SC 200 PENETRATE  
3,2 kg/m<sup>2</sup>

### WET AREAS NON ABSORBENT SUBSTRATE



2 - 3 DAYS  
<5

SC ELASTIC<sup>(4)</sup>  
2,4 kg/m<sup>2</sup>

### INTERNAL AREAS ABSORBENT SUBSTRATE



60 MIN

NOVAPRIMER  
100-300ml/m<sup>2</sup>

### INTERNAL AREAS NON ABSORBENT SUBSTRATE



2 HOURS

PLANO  
CONTACT  
300 - 350 gr/m<sup>2</sup>



NOVACEM  
CREATIVE  
FLOOR  
25 - 35%



NOVACEM  
CREATIVE  
20 - 35%

### ONLY FLOORS



MQ, MR<sup>(2)</sup>, LC  
RC GLASS  
75 - 65% total

or

### WALLS & FLOORS



MQ, MR<sup>(2)</sup>, LC  
RC GLASS  
80 - 65% total

30 MIN



PLANOCOLOR  
CRT 052  
200-300ml/m<sup>2</sup>

12-24 HOURS  
< 3 DAYS

<sup>(1)</sup>  
granulate  
reveal

### WATERPROOFING



PROTECT 100  
200 ml/m<sup>2</sup>  
(2 coats)

### WATER & OIL PROOFING



PROTECT 200  
200 ml/m<sup>2</sup>  
(2 coats)

or

### SWIMMING POOLS WITHOUT PROTECTION

or

### INTERNAL AREAS<sup>(3)</sup>



WET PLUS S  
(1 or 2 coats)

**NOTE:** Consumption and waiting times depend on the conditions of each jobsite.

(1) The reveal of the granulates used inside the mix is done by means of water, ACID CLEAN and/or with antique brushes. The selection of the brush (24, 36, 46, 120) depends on the particle size and flatness of the surface.

(2) MR marble granulates are not recommended for swimming pools and surfaces exposed to acids on a permanent basis.

(3) The choice of waterproofing agent or sealer depends on the type of granulate and the use of the surface.

(4) SC ELASTIC is also suitable for absorbent substrates.

## TABLE F CONSUMPTION OF POLISHED TERRAZZO COATINGS WITH NOVACEM CREATIVE

GRANULATES MR, RC GLASS <sup>(*)</sup>	THICKNESS (mm) <sup>(*)</sup>	NOVACEM CREATIVE			TOTAL
		35% (kg)	MQ OR MR (kg)	RC GLASS (kg)	
MR 2 - 4mm	12	8,4 kg/m <sup>2</sup>	15,60 kg/m <sup>2</sup>	-	24,00 kg/m <sup>2</sup>
MR 2 - 4mm + RC GLASS 5%	12	8,4 kg/m <sup>2</sup>	14,40 kg/m <sup>2</sup>	1,20 kg/m <sup>2</sup>	24,00 kg/m <sup>2</sup>
MR 2 - 4mm + RC GLASS 10%	14	9,8 kg/m <sup>2</sup>	15,40 kg/m <sup>2</sup>	2,80 kg/m <sup>2</sup>	28,00 kg/m <sup>2</sup>
MR 2 - 4mm + RC GLASS 30%	14	9,8 kg/m <sup>2</sup>	9,80 kg/m <sup>2</sup>	8,40 kg/m <sup>2</sup>	28,00 kg/m <sup>2</sup>
MR 2 - 4mm + RC GLASS 50%	16	11,20 kg/m <sup>2</sup>	4,80 kg/m <sup>2</sup>	16,00 kg/m <sup>2</sup>	32,00 kg/m <sup>2</sup>
MR 2 - 4mm + RC GLASS 65%	18	12,60 kg/m <sup>2</sup>	-	23,40 kg/m <sup>2</sup>	36,00 kg/m <sup>2</sup>

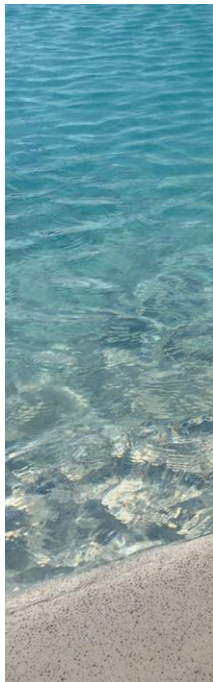
(\*) Thickness before mechanical polishing. For information regarding grain sizes see page 78. Specific weight is considered to be 20Kg/cm<sup>3</sup>

➤ NOT JUST WORDS...

**PLANOCOLOR® MICRO PEBBLED & TERRAZZO COATINGS**

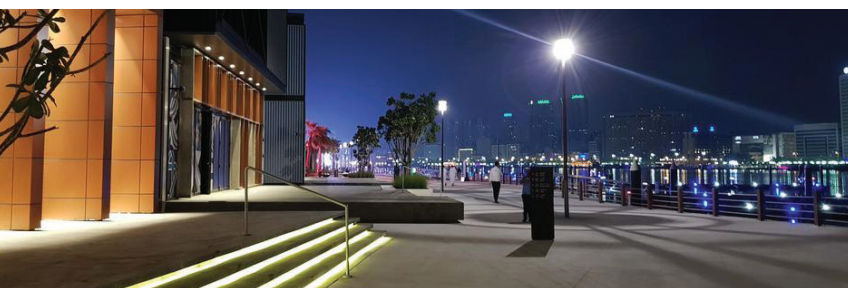


SANTO MARIS OIA LUXURY SUITES & SPA, SANTORINI ISLAND



SANTANNA MYKONOS: Larger open swimming pool with salty water in Europe

MARSA AL SEEF PHASE 1, DUBAI





PEBBLED FLOOR WITH UV- ILLUMINATING PEBBLES



BLUE LAGOON CITYHOTEL, KOS ISLAND



# 32 LOW THICKNESS POLISHED TERRAZZO COATINGS PLANOCOLOR® MICRO TERRAZZO

DESCRIPTION	PACK	PALLET
<b>NOVACEM MICRO TERRAZZO</b>	8,5kg	153kg

**NOVACEM MICRO TERRAZZO**

Cement based system consisted of an off-white powder which is mixed with PREMIUM LATEX, water, 62 NOVACOLOR DESIGN pigments, uncoated marble (MR), quartz (MQ), silica (S), lightweight coated (LC) or recycled glass (RC GLASS) granulates, in order to create polished terrazzo coatings of small thickness (6 - 10mm) on indoor and outdoor floors. Coatings that can be obtained exceed 4,000 different combinations through one base material.

The mixing ratio of NOVACEM MICRO-TERRAZZO and granulates can be (50 - 50)%, (70 - 30)% or (30 - 70)% by weight.

The degree of polishing is adjusted according to the application requirements.

The grouting during the grinding process is done by applying the NOVACEM MICRO TERRAZZO mix and NOVACOLOR DESIGN without granulates addition.

Thanks to this standardization, it is easy to 'match' the binder coating colors, even colors like pink, blue or purple, and grouting material.

**Consumption:** depending on mixing ratio 1,8 - 2,0kg/m<sup>2</sup>/mm thickness before grinding.

CODE 08318



DESCRIPTION	COLOUR	PACK
<b>NOVACOLOR DESIGN</b>	0032,0035,1002,1013,1014,1015,1019 1024,3012,3015,4009,5012,5024,6001 6013,6019,7000,7001,7002,7004,7005 7006,7011,7012,7013,7016,7022,7023 7030,7031,7032,7035,7036,7038,7039 7040,7042,7044,7047,8001,8017,8019 9001,9002,9003,9010,9017,9018	24x250ml
	0014,0024,0034,0044 0054,0064,0074,0084	24x250ml
	9003+10%	12x500ml
	1021,2009,3004,3020,4006	12x500ml

Pigments in liquid form which are mixed with the NOVACEM MICRO TERRAZZO system in order to create polished terrazzo coatings with easy 'match' between the coating and the grouting material during the mechanical polishing process.

**Mixing ratio:** 1 pigment for every 7,5kg of powder is used in order to achieve the colours of the STANDARDIZED COLOUR CHART and 1 - 3 pigments for the NON STANDARDIZED COLOUR CHART (see pages 56 - 57).



**PLANOFLOOR EPX**

Two-component, coloured, solvent-free epoxy system which is mixed with uncoated marble (MR), quartz (MQ), silica (S), lightweight coated (LC) or recycled glass (RC GLASS) granulates, in order to create polished terrazzo coatings of small thickness.

For binder colours see PLANOCOLOR RESIN RAL chart. Application is only done indoors.

The advantage of this system is that it can be applied to large surfaces with the minimum of joints.

**Consumption:** depending on the type of application.





1001, 7032, 7035, 7038, 7040 7047, 9001, 9002, 9003, 9018	(15,1 + 4,9) kg
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CODE 08424 PLANOFLOOR EPX A - CODE 08365 PLANOFLOOR EPX B

# PRODUCTS FOR

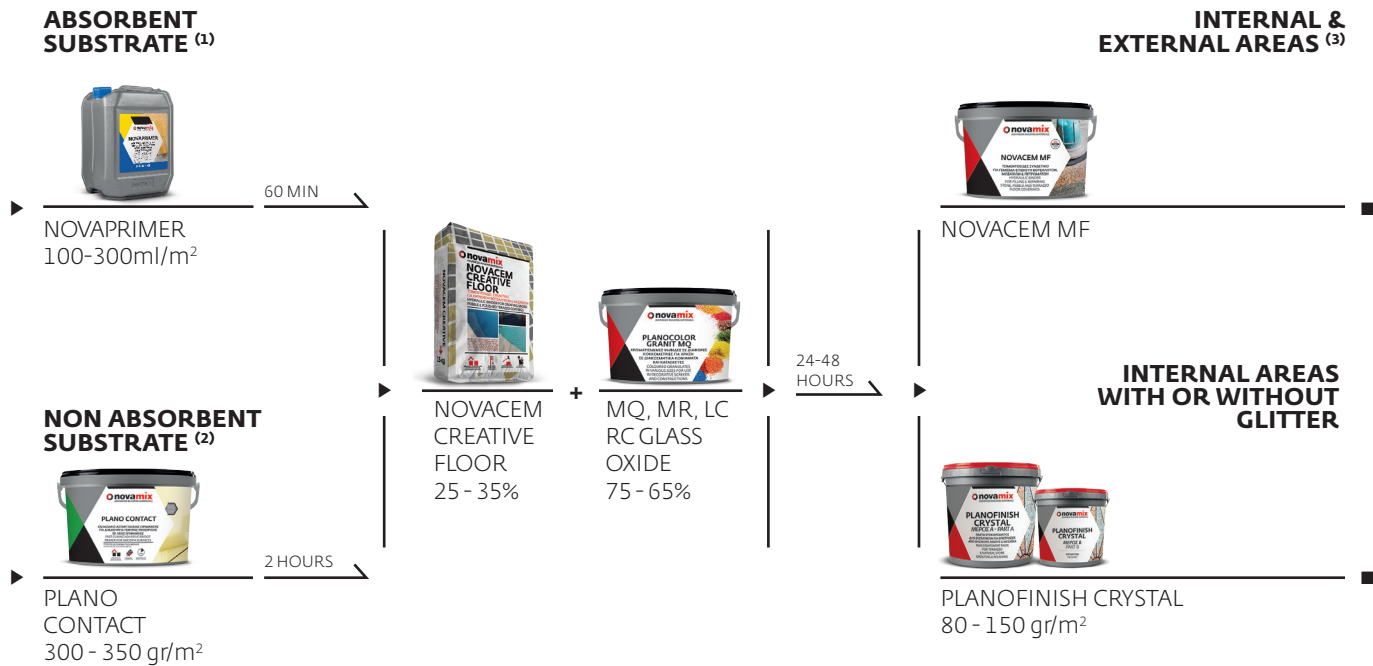
## 33 POLISHED TERRAZZO FINISHING

DESCRIPTION	PACK
<p><b>NOVACEM MF</b></p> <p>Cement based mortar suitable for filling holes on terrazzo coatings during mechanical polishing process. It is used for traditional mosaics, medium thickness terrazzo coatings produced by means of <b>NOVACEM CREATIVE</b> and for repairing the surface of natural stones like marble. It is applied during the grinding process at an intermediate stage (after 180 - 220). Distributed in grey or white, but if necessary can be coated with inorganic pigments like <b>NOVACOLOR OXIDE</b>. The application is done on the washed and wiped surface of the grinded terrazzo or marble. The surface is then covered with polyethylene sheet for 12 - 24 hours followed by the grinding process till the required polishing level is obtained. For small surfaces or spot repairs it can be mixed with water and applied by means of a suitable elastic spatula. Suitable for indoor and outdoor use.</p> <p><b>Consumption:</b> 50 - 100gr/m<sup>2</sup>.</p> <p>CODE 08181 (5kg), 08324 (15kg)</p>	<p>5kg</p> <p>15kg</p> 
<p><b>PLANOFINISH CRYSTAL</b></p> <p>Two-component epoxy paste for filling holes in polished terrazzo coatings which occurred during the mechanical polishing process. Applied to an intermediate grinding step (after 180 or 220) by using a metallic trowel. It is mixed with <b>NOVACOLOR UNIVERSAL</b> and/or with <b>GLITTER</b> in a proportion of 3 - 5% by weight, according to the requirements. Suitable for indoor. It can also be used for marble slabs surface repair if applied indoors.</p> <p><b>Consumption:</b> 80 - 150gr/m<sup>2</sup>.</p> <p>CODE 08368</p>	<p>(0,6+0,4)kg</p> 
<p><b>PROTECT 300 S</b></p> <p>Solvent based waterproofing agent with high penetration capability even inside reduced absorbency coverings such as polished natural stones like marble, granite and polished terrazzo coatings produced by using the <b>NOVACEM CREATIVE</b> or <b>NOVACEM MICRO TERRAZZO</b> hydraulic binders. Suitable also for mineral surfaces like cement based decorative bricks, artificial stone or terrazzo tiles. Waterproofs without altering the final appearance of the coverings. Provides enhanced protection against oily or colored pollutants like wine and coffee. Over absorbent surfaces it is applied after a primer coat of <b>PROTECT 100</b>. It is applied in 1 coat or 2 coats without leaving excess material which will create superficial membrane.</p> <p><b>Consumption:</b> 2 - 3 L/100m<sup>2</sup> for surfaces of reduced absorbency and 5 - 10 L/100m<sup>2</sup> for absorbent.</p>	<p>5x1L</p> <p>4x5L</p> 
<p><b>WET PLUS S</b></p> <p>One component sealer for the protection and the color enhancing of pebbled and polished terrazzo coatings. Suitable for interior and exterior. It has great adhesion and surface penetration ability combined with resistance to UV radiation. Protects the surface from water and oily stains providing also a 'wet look' appearance. It is spread undiluted by brush in one or two layers, depending on the type of application, taking care not to leave excess material on the treated surface. Suitable for <b>PLANOCOLOR</b> polished terrazzo and micro-pebble decorative coatings.</p> <p><b>Consumption:</b> 2 - 4 L/100m<sup>2</sup> depending on the type of application.</p>	<p>5x1L</p> <p>4x5L</p> 

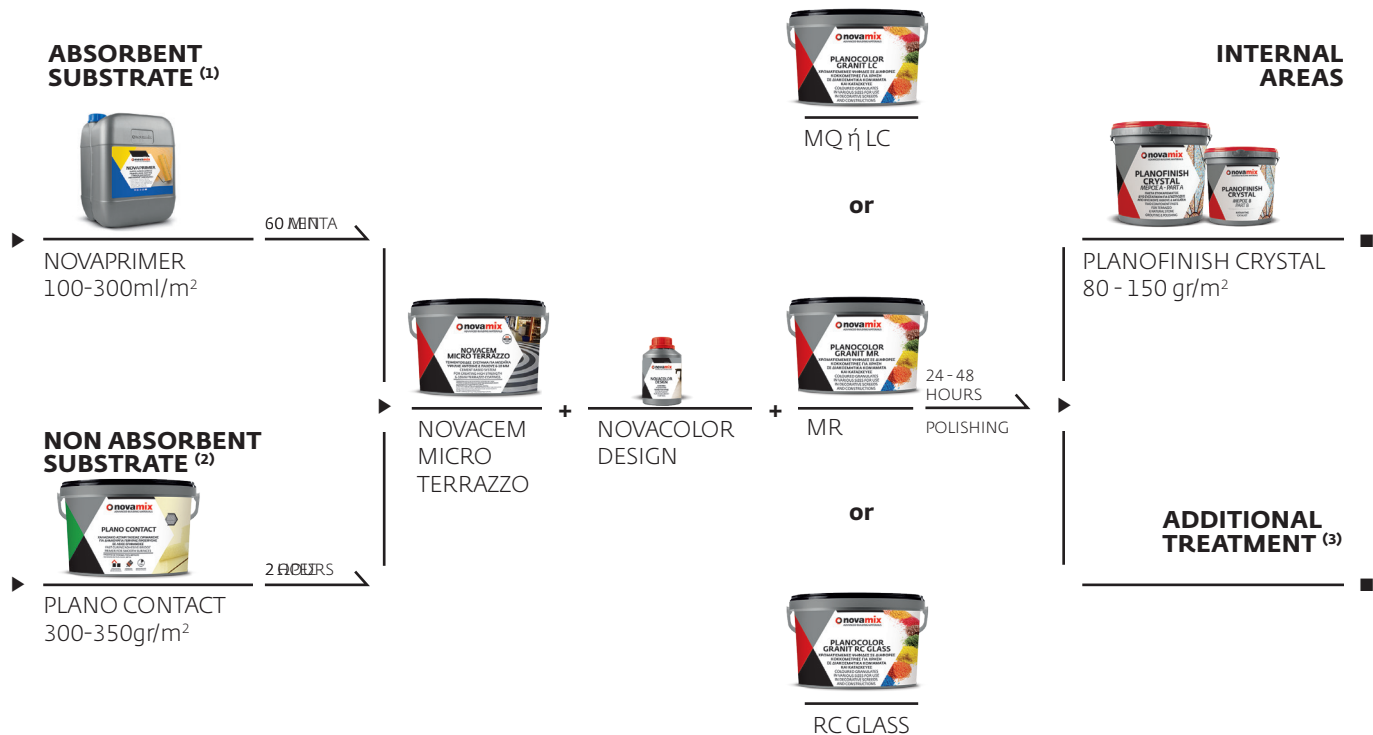


# PLANOCOLOR® TERRAZZO COATINGS

## INTERNAL & EXTERNAL FLOORS WITH NOVACEM CREATIVE FLOOR



## LOW THICKNESS (6-10MM) WITH NOVACEM MICRO TERRAZZO



Consumption and waiting times depend on the conditions of each jobsite.

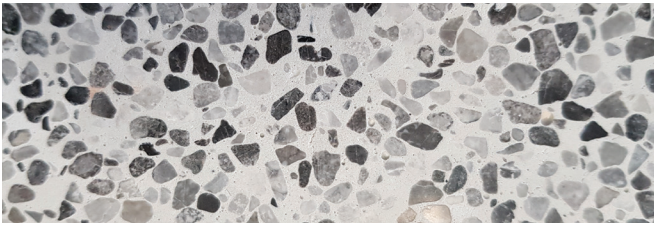
**NOTE 1:** For external floors and absorbent substrate waterproof with SC 200 PENETRATE or SC ELASTIC + FIBERGLASS NET.

**NOTE 2:** For external floors and non-absorbent substrate waterproof with SC ELASTIC + FIBERGLASS NET.

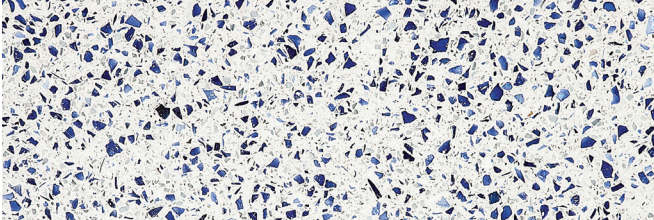
**NOTE 3:** In high gloss level the terrazzo coatings achieve almost zero superficial porosity. The choice of sealer, if any, should be decided after testing. In such cases it is recommended to use PROTECT 300 S.

**/ 100kg  
ΞΗΡΟΥ  
ΜΙΓΜΑΤΟΣ**

# INDICATIVE MIXES WITH NOVACEM MICRO TERRAZZO



MT 1	QUANTITY (kg) %
NOVACEM MICRO TERRAZZO	30
NOVACOLOR DESIGN 7035	3,53 pcs
MR 80 51 MANI GREY	70
<b>SPECIFIC GRAVITY 24kg/cm<sup>3</sup></b>	



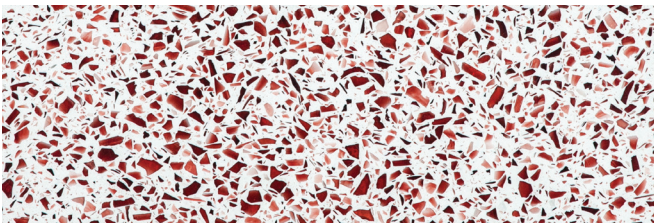
MT 21	QUANTITY (kg) %
NOVACEM MICRO TERRAZZO	50
NOVACOLOR DESIGN 9003+10%	5,88 pcs
RC GLASS 90 910 DARK BLUE	25
RC GLASS 90 911 LIGHT BLUE	25
<b>SPECIFIC GRAVITY 22kg/cm<sup>3</sup></b>	



MT 22	QUANTITY (kg) %
NOVACEM MICRO TERRAZZO	50
NOVACOLOR DESIGN 9003+10%	5,88 pcs
RC GLASS 40 910 DARK BLUE	50
<b>SPECIFIC GRAVITY 22kg/cm<sup>3</sup></b>	



MT 23	QUANTITY (kg) %
NOVACEM MICRO TERRAZZO	50
NOVACOLOR DESIGN 9003+10%	5,88 pcs
RC GLASS 90 920 GREEN	50
<b>SPECIFIC GRAVITY 22kg/cm<sup>3</sup></b>	



MT 25	QUANTITY (kg) %
NOVACEM MICRO TERRAZZO	50
NOVACOLOR DESIGN 9003+10%	5,88 pcs
RC GLASS 90 990 FIRE RED	50
<b>SPECIFIC GRAVITY 22kg/cm<sup>3</sup></b>	

**NOTE:** The mixing ratio refers to 7,5kg of NOVACEM MICRO TERRAZZO powder + 1kg PREMIUM LATEX and granulates

## TABLE G POLISHED MICRO - TERRAZZO CONSUMPTION

MIXING RATIO	THICKNESS (mm) (*)	NOVACEM MICRO-TERRAZZO (kg)	MR and/or RC GLASS (kg)	TOTAL kg/m <sup>2</sup>
Micro Terrazzo 70% MR 2-4mm and/or RC GLASS 30% Specific gravity 20kg/m <sup>3</sup>	6	8,4	3,6	12,0
	8	11,2	4,8	16,0
	10	14,0	6,0	20,0
Micro Terrazzo 50% MR 2-4mm and/or RC GLASS 50% Specific gravity 22kg/m <sup>3</sup>	6	6,6	6,6	13,2
	8	8,8	8,8	17,6
	10	11,0	11,0	22,0
Micro Terrazzo 30% MR 2-4mm and/or RC GLASS 70% Specific gravity 24kg/m <sup>3</sup>	6	4,3	10,1	14,4
	8	5,8	13,4	19,2
	10	7,2	16,8	24,0

(\*) Thickness before grinding

# BINDER RESINS FOR 'STONE CARPET' FLOORS & WALLS PLANOCOLOR® GRANIT

DESCRIPTION	PACK	PALLET
<p><b>PLANOCOLOR AC</b>                      Acrylic based bonding resin ready to be mixed with NXD, NSD, NXG coated, S, MQ, MR natural uncoated, LC lightweight coated in the mass, RC GLASS recycled glass and LR light reflecting granulates in order to create decorative 'quartz' plaster coatings for interior and exterior walls. It is a versatile system as one base binder resin (PLANOCOLOR AC) can be mixed with many combinations of granulates according to the aesthetic requirements of the application. PLANOCOLOR AC 'quartz plasters' can be applied in homes, external thermal insulation facades, business premises, restaurants, hotels, show rooms.  <i>Consumption:</i> see TABLES H1 &amp; H2 at page 78.</p>	5kg	390kg



CODE 06601

**PLANOCOLOR PU - PLANO EASY GRIP - PLANO EASY FINISH**

One component, solvent based polyurethane binder resin which is mixed with S, MQ, MR natural uncoated, LC lightweight coated in the mass and RC GLASS recycled glass granulates in order to create decorative quartz flooring ('stone carpet') of high strength indoors and outdoors. It is used on terraces, external paving in hotels, public areas, balconies, swimming pools, fountains. Suitable also for creating coatings of small thickness over cement based or polyurethane waterproofing systems. For wall applications and skirting, create a suitable bonding bridge by priming the substrate with PLANO EASY GRIP and PLANOCOLOR PU (after apply 'wet on wet'). For easier application, it is recommended to add PLANO EASY FINISH to the mix.

*Consumption & mixing ratio:* see TABLES H1 & H2 at page 78.

*Mixing ratio:* PLANOCOLOR PU / PLANO EASY FINISH 10% by weight.

*Mixing ratio:* PLANOCOLOR PU / PLANO EASY GRIP 5% by weight.

	1L	-
	5L	-
PLANO EASY FINISH	1L	-
PLANO EASY GRIP	500ml	-



CODE 07045 (5kg), 07044 (1kg), 07262 (PLANO EASY GRIP), 07290 (PLANO EASY FINISH)

Retail sales shop with PLANOCOLOR AC & PLANOCOLOR GRANIT NX G

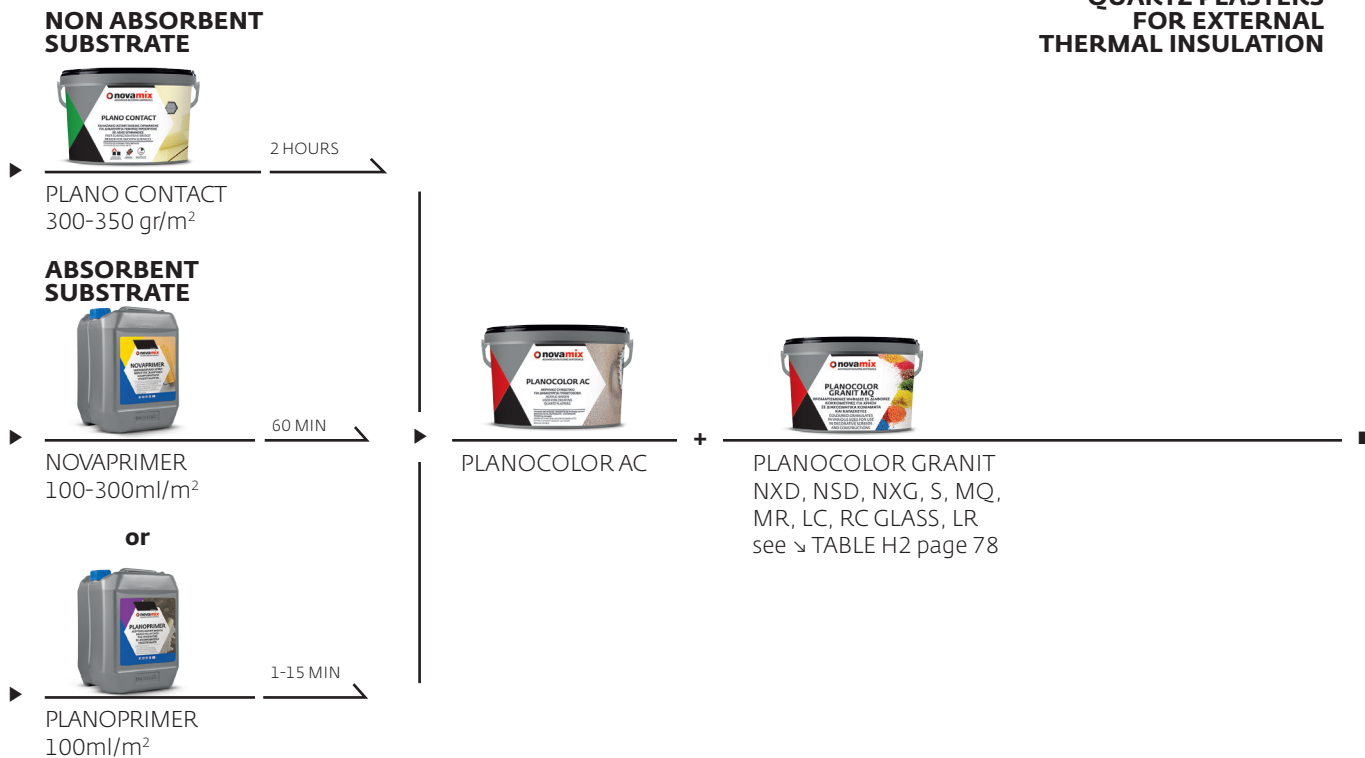




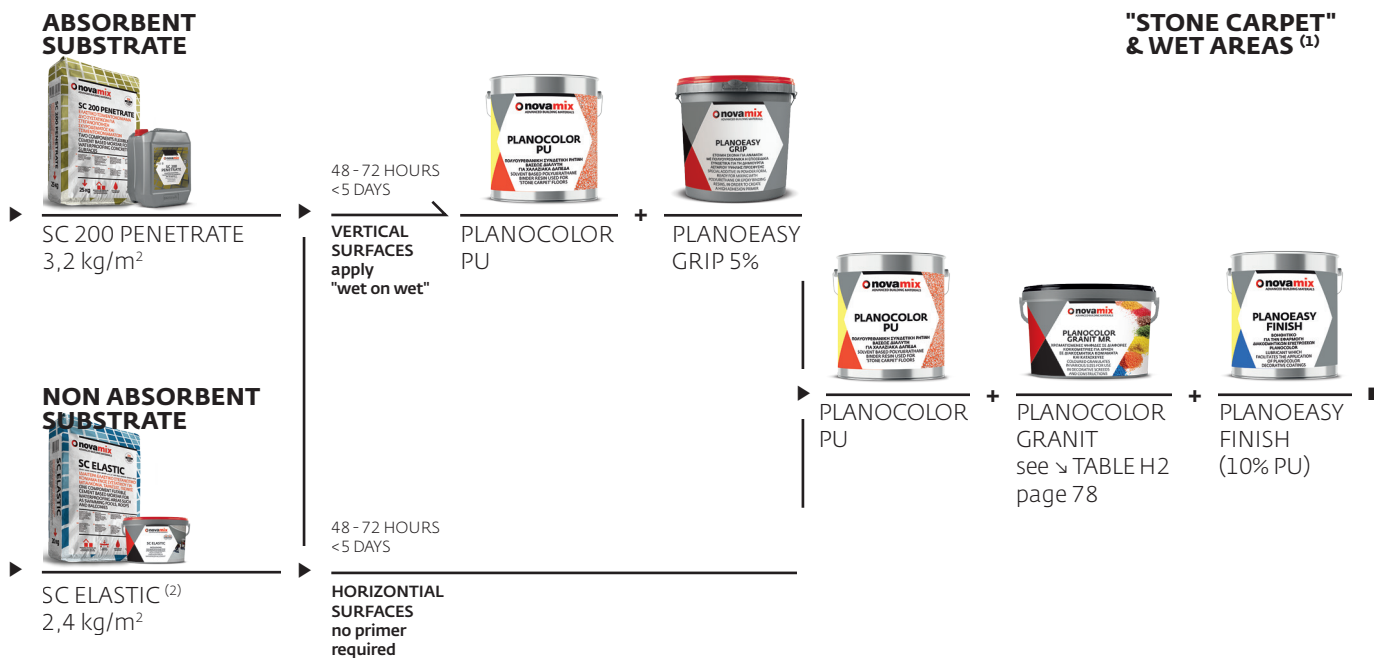
# APPLICATION DIAGRAMS FOR PLANOCOLOR® GRANIT

## INTERNAL & EXTERNAL WALLS

### QUARTZ PLASTERS FOR EXTERNAL THERMAL INSULATION



## WET AREAS



Consumption and waiting times depend on the conditions of each jobsite.

**NOTE 1:** In places with permanent water presence, ensure proper inclination and drainage in order to avoid stagnant water. Polyurethane resins have reduced acid resistance and excessive use of chemicals in wet areas, swimming pools and floors should be avoided.

**NOTE 2:** SC ELASTIC is also suitable for absorbent substrates.

# NATURAL UNCOATED QUARTZ, MARBLE & RECYCLED GLASS GRANULATES

DESCRIPTION	COLOUR / GRAN.	PACK	PALLET
<b>MARBLE GRANULATES MR</b> Marble granulates of various shades and grain sizes (see pages 75 - 78). Provided washed with rounded edges and humidity free. Suitable for creating "stone carpet" flooring (mixed with PLANOCOLOR PU), high strength micro-pebble coatings (mixed with NOVACEM CREATIVE), polished terrazzo (mixing with NOVACEM CREATIVE FLOOR or NOVACEM MICRO-TERRAZZO) and "natural" quartz plasters (mixing with PLANOCOLOR AC). Additional granulometries are provided up on request for a minimum quantity of 4,725 Kg (3 pallets). <b>Consumption:</b> depending on the type of application.	50 MILOS YELLOW 51 MANI GREY 52 CANDIA BROWN 53 THIRA BLACK 54 VOLCANO RED 55 TINOS GREEN	25kg	1575kg
	00 THASSOS WHITE	25kg	1000kg
	00 THASSOS WHITE	big bag	1000kg
			
	CODE 08224 (50), 08225 (51), 08226 (52), 08227 (53), 08228 (54), 08229 (55)		
<b>QUARTZ GRANULATES MQ</b> Quartz granulates of various shades and grain sizes (see pages 75 - 78). Provided washed with rounded edges without humidity. Suitable for creating "stone carpet" flooring (mixed with PLANOCOLOR PU), high strength micro-pebble coatings (mixed with NOVACEM CREATIVE), polished terrazzo (mixing with NOVACEM CREATIVE FLOOR or NOVACEM MICRO-TERRAZZO) and "natural" quartz plasters (mixing with PLANOCOLOR AC). Given their resistance to chemical cleaners used in swimming pools, their use should be preferred for applications in such areas. Additional granulometries are provided up on request for a minimum quantity of 4,725 Kg (3 pallets). <b>Consumption:</b> depending on the type of application.	14 COLORADO 18 RIVER GREY	25kg	1575kg
	00 SUGAR WHITE	25kg	1575kg
			
<b>SILICA GRANULATES S</b> Silica granulates in the characteristic shade of beige silica sand, in various granulometries (see pages 75 - 78). They are washed, with rounded edges and humidity free. Suitable for "stone carpet" flooring (mixing with PLANOCOLOR PU), high strength micro-pebbled coatings (mixed with NOVACEM CREATIVE) or "quartz" plasters (mixing with PLANOCOLOR AC). <b>Consumption:</b> depending on the type of application.	S10, S20, S30, S50, S70, S500	25kg	800kg
	Big Bag	1000kg	1000kg
			
CODE 25kg - 07474 (S01), 07475 (S04), 07508 (S06), 07509 (S07), 07478 (S09), 04576 (S500). CODE 1000 kg - 07533 (S01), 07534 (S04), 07535 (S06), 07536 (S07), 07477 (S09), 06622 (S500)			
<b>RECYCLED GLASS GRANULATES RC GLASS</b> Granulates produced from recycled glass in various granulometries (see pages 75 - 78). Upon request, additional granulometry is provided. Due to the production process, there may be differences in granularity or tint. Suitable for creating polished terrazzo coatings (mixed with NOVACEM CREATIVE FLOOR or NOVACEM MICRO-TERRAZZO) or 'quartz' plasters (mixing with PLANOCOLOR AC). <b>Consumption:</b> depending on the type of application.	GREEN MIX 30, 70, 4,0-8,0mm	20kg	-
	GREEN MIX 30, 70, 4,0-8,0mm	1000kg	-
	900 CRYSTAL CLEAR	20kg	-
	910 DARK BLUE 911 LIGHT BLUE 920 GREEN 922 CRYSTAL GREEN 950 GOLDEN BROWN	20kg	-
	990 FIRE RED	20kg	-
	995 GOLDEN YELLOW	20kg	-
			

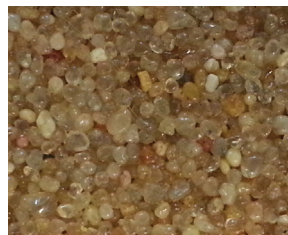
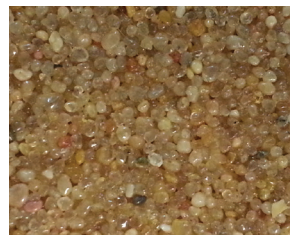
MARBLE  
GRANULATES MR



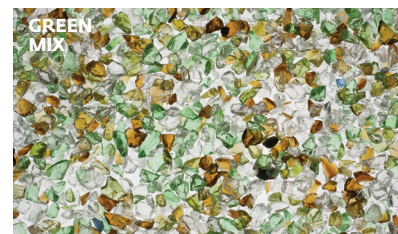
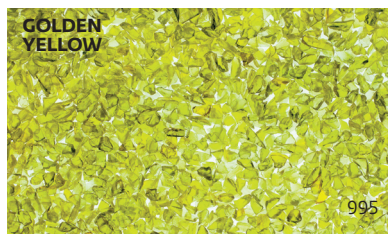
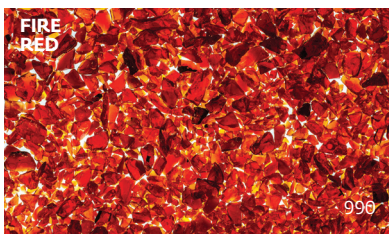
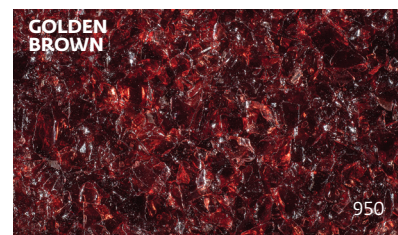
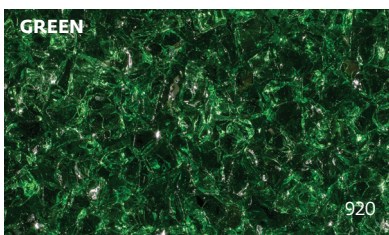
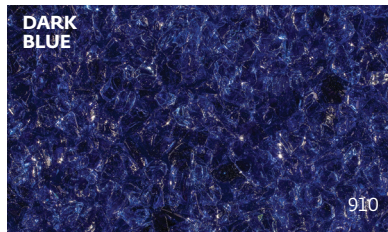
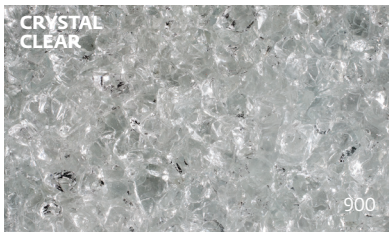
QUARTZ  
GRANULATES MQ



SILICA  
GRANULATES S







RECYCLED GLASS  
GRANULATES RC GLASS



- NOTE 1:** Due to printing process all colors should be considered as indicative.  
**NOTE 2:** Natural stone granulates from different production batches may vary.  
**NOTE 3:** Some granulometries and/or colours of RC GLASS granulates may not be in stock.  
**NOTE 4:** The silica sand granulates S may have different color depending on grain size.

# COATED GRANULATES, COMPILATIONS, TREATED WITH GLITTER

DESCRIPTION	COLOUR	PACK	PALLET
<b>SILNGLE COLOUR GRANULATES</b>	00, 19, 20, 30, 37, 77	20kg	800kg
<b>PLANOCOLOR GRANIT NXD</b>	28, 40, 45, 48, 51, 62 67, 78, 86, 87, 92, 96 99	20kg	800kg
Natural stone granulates of 30 and 40 grain size (see page 78), which have been specially coated with high strength pigments. They are used as such or mixed with <b>PLANOCOLOR AC</b> binder for the creation of decorative quartz coatings on internal and external walls, thermal insulation facades with the exception of 51 (warm red), 92 (orange) and 96 (pink) which are suitable only for internal. In wet areas such as bathrooms or WC it is recommended to be mixed with <b>PLANOCOLOR PU</b> . <i>Consumption:</i> see page 78.			
			
CODE 00 (bianco), 19 (black), 20 (cemento), 28 (antracite), 30 (jasmine), 37 (ochre), 40 (corallo), 45 (cotto), 48 (cacao), 51 (warm red), 62 (light purple), 67 (purple), 77 (blue), 78 (midnight blue), 86 (green), 87 (olive green), 92 (orange), 96 (pink), 99 (yellow)			
<b>LIGHTWEIGHT COATED IN THE MASS GRANULATES</b>	Dark blue, Turquoise, Brown, Green, Red, Yellow	5kg	390kg
<b>PLANOCOLOR GRANIT LC</b>	Gold	5Kg	390kg
Reduced weight (50 - 60%) granulates that are specially coated through their entire mass. Unlike the other coated granulates, they are suitable for application on micro-pebbled surfaces mixed with <b>NOVACEM CREATIVE</b> in swimming pools and terrazzo coatings or 'stone carpet' floors (mixed with <b>PLANOCOLOR PU</b> ). They are available in grain size 60 (see page 78). Additional shades or grain sizes are provided for a minimum of 20kg (waiting time 10 - 15 working days). <i>Consumption:</i> depending on the type of application.			
			
<b>PREMIXED COMPILATIONS OF COATED GRANULATES</b>	3162, 3180, 3231 3368, 3464, 3608 3703, 3792	20kg	800kg
<b>PLANOCOLOR GRANIT NS</b>			
Premixed compilations of coated granulates at 30 and 40 grain size (see page 78). They are used mixed with <b>PLANOCOLOR AC</b> binder for the creation of decorative quartz plaster coatings on internal and external walls, thermal insulation facades. In wet areas such as bathrooms or WC it is recommended to be mixed with <b>PLANOCOLOR PU</b> . <i>Consumption:</i> see page 78.			
			
<b>COATED GRANULATES WITH GLITTER EFFECT</b>	SILNGLE COLOURS NXD WITH GLITTER EFFECT	20kg	800kg
<b>PLANOCOLOR GRANIT NXG</b>	111, 222, 333	20kg	800kg
Natural stone granulates of 30 and 40 grain size (see page 78), which have been specially coated with high strength pigments and/or gold, silver or bronze glitter for the creation of quartz plaster decorative coatings with glittering effect. They are used as such or mixed with <b>PLANOCOLOR AC</b> binder for internal and external walls and/or thermal insulation facades. Available in silver(111), gold(222), and bronze(333) but also as a combination with the 19 <b>NXD</b> coated granulates. When the <b>NXD</b> granulates are combined with glitter the final colour can be significantly altered. For this reason it is recommended in cases of doubt to order a minimum amount of 20Kg first and then make a complete order. <i>Consumption:</i> see page 78.			
			

# 36 COATED GRANULATES, COMPILATIONS, TREATED WITH GLITTER

DESCRIPTION

PACK

## LIGHT REFLECTING GRANULATES LR

500gr

Light-reflecting crystals in granulate form used in the mixtures of 'quartz' plaster decorative coatings and mortar screeds (by scattering). Distributed in grain size 10 (see page 58). Unlike glitter-treated granulates (NXG), the coatings in which they are used are irradiating only under light.

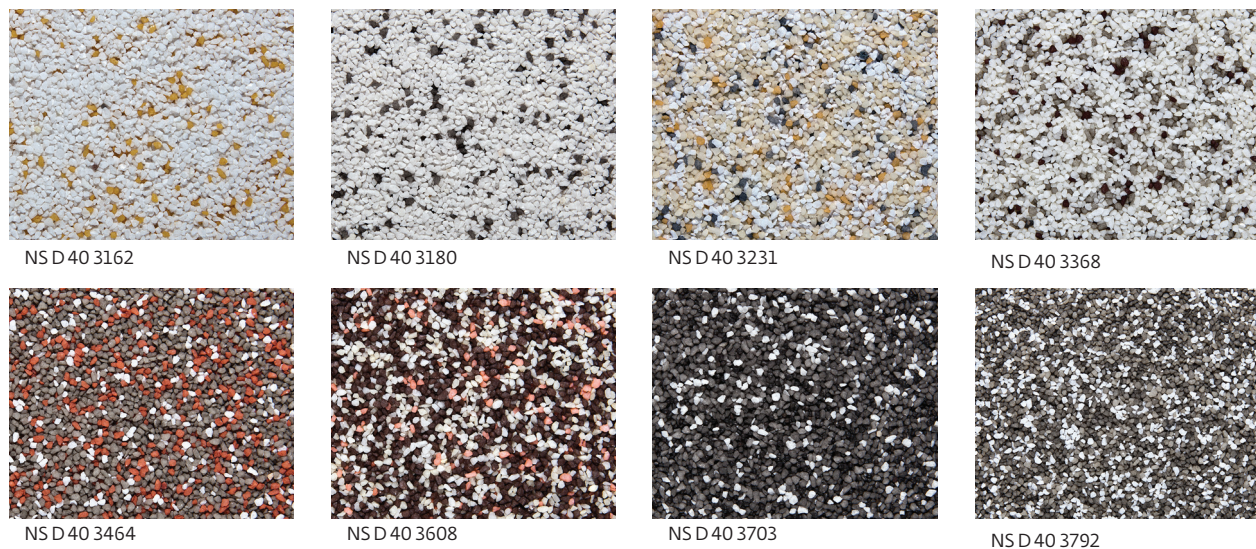


CODE 07141

SINGLE COLOURS NX D & NX G



PREMIXED COMPILATIONS NS



## ↳ PLANOCOLOR® GRANIT ENCODING

TYPE OF SAND		GRAIN SIZE	COATED GRANULATES
<b>NX D:</b> Single colour	<b>MQ:</b> Silica white or mixed colours	<b>10 - 90</b> see <b>TABLE H2</b>	see relevant <b>COLOR CHARTS</b>
<b>NS D:</b> Premixed compilations	<b>MR:</b> Marble white or mixed colours		For silver glitter treatment the first digit is "1", for gold is "2" and cooper is "3".
<b>NX G:</b> Single colour or treated with glitter	<b>RC GLASS &amp; LR:</b> Recycled glass or Light Reflecting granulates		The 2 digit codes refer to single colored granulates NX D and LC or the marble (MR) or quartz (MQ) granulates. The 4 digits codes refer to NS D coated premixed compilations.
<b>S:</b> Beige silica sand	<b>LC:</b> Light weight granulates		

## TABLE H1

### ↳ PLANOCOLOR® GRANIT AVAILABLE TYPES - GRAIN SIZES - COLOURS

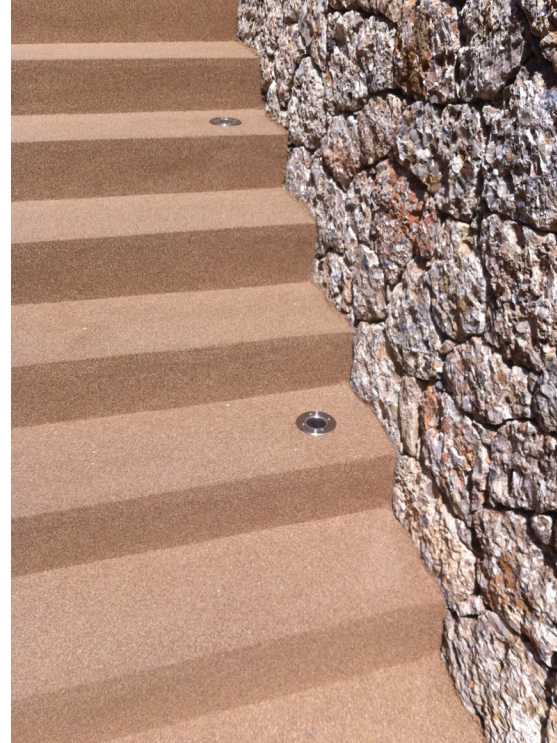
AVAILABLE		
A/A	GRANULOMETRY	COLOURS
<b>COLORED GRANULATES - NX D &amp; NS D</b>		
1	30, 40	00, 19, 20, 28, 30, 37, 40, 45, 48, 51, 62, 67, 77, 78, 86, 87, 92, 96, 99 3162, 3180, 3231, 3368, 3464, 3608, 3703, 3792
<b>TREATED WITH GLITTER - NX G</b>		
2	30, 40	111, 222, 333 and all single coloured treated with glitter
<b>MARBLE GRANULATES - MR</b>		
3	60, 80	50 MILOS YELLOW, 51 MANI GREY, 52 CANDIA BROWN, 53 THIRA BLACK, 54 VOLCANO RED, 55 TINOS GREEN
4	10, 20, 30, 40, 50, 70	00 THASSOS WHITE
<b>QUARTZ GRANULATES - MQ</b>		
5	30, 70	14 COLORADO
6	50, 70	18 RIVER GREY
7	60	00 SUGAR WHITE
<b>RECYCLED GLASS RC GLASS &amp; LIGHT REFLECTING LR</b>		
8	30, 70, 4.0-8.0mm	GREEN MIX
9	40, 90	900 CRYSTAL CLEAR, 910 DARK BLUE, 911 LIGHT BLUE, 920 GREEN, 922 CRYSTAL GREEN, 950 GOLDEN BROWN, 990 FIRE RED, 995 GOLDEN YELLOW
10	10	LR
<b>SILICA SAND - S</b>		
11	10, 20, 30, 50, 70	S 500 (0,1mm - 0,4mm)

## TABLE H2

### ↳ PLANOCOLOR® GRANIT MIXING RATIO & CONSUMPTION

	GRANULOMETRY	GRANIT QUANTITY FOR MIXING WITH 5kg PLANOCOLOR AC	GRANIT QUANTITY FOR MIXING WITH 1L PLANOCOLOR PU or 1L LIQUID GLASS	CONSUMPTION PLANOCOLOR AC + GRANIT (MIX)	CONSUMPTION PLANOCOLOR PU + GRANIT (MIX)
10	0,30 - 0,80mm	15 - 20	8 - 10	2,5 - 2,0 kg/m <sup>2</sup>	2,3 - 2,0 kg/m <sup>2</sup>
20	0,50 - 1,00mm	15 - 25	8 - 10	2,5 - 2,0 kg/m <sup>2</sup>	2,3 - 2,0 kg/m <sup>2</sup>
30	0,80 - 1,20mm	15 - 20	8 - 10	2,5 - 2,0 kg/m <sup>2</sup>	2,3 - 2,0 kg/m <sup>2</sup>
40	1,00 - 1,50mm	15 - 25	8 - 10	3,0 - 2,5 kg/m <sup>2</sup>	4,0 - 3,0 kg/m <sup>2</sup>
50	1,00 - 2,00mm	15 - 25	8 - 10	4,0 - 3,5 kg/m <sup>2</sup>	6,0 - 5,0 kg/m <sup>2</sup>
60	1,00 - 3,00mm	15 - 20	8 - 10	3,0 - 2,5 kg/m <sup>2</sup>	4,0 - 3,0 kg/m <sup>2</sup>
70	2,00 - 3,00mm	20 - 25	8 - 10	5,0 - 4,0 kg/m <sup>2</sup>	7,0 - 6,0 kg/m <sup>2</sup>
80	2,00 - 4,00mm*	(*)	8 - 10 (*)	(*)	8,0 - 7,0 kg/m <sup>2</sup> (*)
90	2,00 - 6,00mm*	(*)	8 - 10 (*)	(*)	10,0 - 8,0 kg/m <sup>2</sup> (*)

78 (\*) Grain size not recommended for application on vertical surfaces.



# LIQUID GLASS' & RESIN FLOORINGS

## 37 PLANOCOLOR® RESIN

DESCRIPTION	COLOUR	PACK	BOX	
<b>PLANOCOLOR LIQUID GLASS</b> Two-component self-leveling epoxy resin free of solvent (VOC = 0g/L) with "liquid glass" appearance. It is a crystal clear resin which is used for surface protection of floors or for the incorporation of objects in its mass, such as pebbles, 3D prints, photos, fiber optic, LED on kitchen benches, tables, bars, floor paintings. Seals and protects the surface. Application should be made on surfaces protected from UV radiation, without rising humidity and properly primed. In order to create a white background prior to the incorporation of objects, it can be mixed 50 - 100% with the white powder H330. In order to create background in different colors, apply a PLANOFLOOR EPX layer first. PLANOCOLOR LIQUID GLASS works perfectly with PLANOCOLOR PREMIUM microcement coatings as surface protection of painted floorings on floors where PLANOCOLOR PREMIUM was used as a canvas. It can be mixed with NOVAGLITTER (glitter enhanced pigments in powder form) in order to create epoxy flooring with the corresponding color and glitter (see NOVAGROUT DECO EPOXY color chart page 10 BUILDING MATERIALS CATALOGUE). Mixed with NOVACOLOR UNIVERSAL pigments in liquid form it creates an 'abstract art' resin flooring where, due to the clarity of the resin, "depth" of each layer is visible. <b>Consumption:</b> 1,0 - 1,1L/m <sup>2</sup> /mm thickness.		1L	-	
			11L	-
	H330	20kg	-	
	601, 602, 604 606, 607, 609 614, 615, 618	300gr	30 pcs	



CODE 07734 + 07735 (14Kg), 07032 + 07033 (4kg), 06994 + 06995 (2kg).  
CODE 07224 (H330).  
CODE 06506 (601), 06507 (602), 06890 (604), 06509 (606), 06510 (607), 06512 (609), 06517 (614), 06518 (615), 06519 (618)

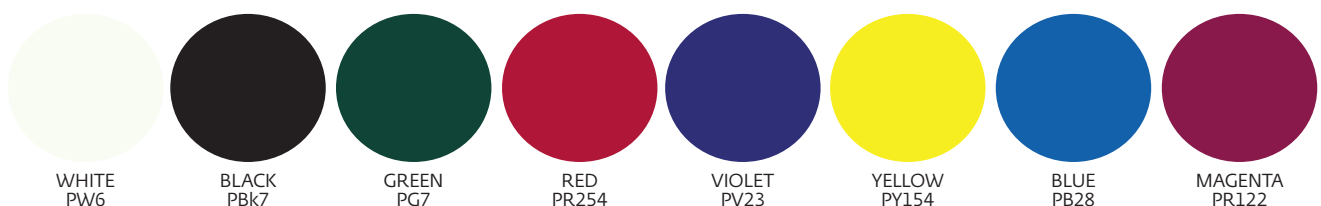
### NOVACOLOR UNIVERSAL

Liquid pigments suitable for mixing with epoxy systems.  
Used for mixing with PLANOCOLOR LIQUID GLASS resin in order to create 'abstract art' resin floorings or NOVAGROUT EPOXY and PLANOFINISH CRYSTAL in order to enhance or modify the colour.

**Consumption:** depending on the type of application.

White (PW-6) Black (PBK-7)	200ml	24 pcs
Green (PG-7)	200ml	24 pcs
Red (PR-254)	200ml	24 pcs
Violet (PV-23) Yellow (PY-154)	200ml	24 pcs
Blue (PB-28) Magenta (PR-122)	200ml	24 pcs

CODE 07736 (white), 07743 (black), 07738 (green), 07737 (red), 07739 (violet), 07740 (yellow), 07741 (blue), 07742 (Magenta)





# LIQUID GLASS' & RESIN FLOORINGS

## PLANOCOLOR® RESIN

DESCRIPTION	PACK
<b>PLANOCOAT EPX</b> Two-component solvent free epoxy paint (VOC = 0g / L). It is used for protecting floors and walls in areas with chemical aggression. Available in the RAL colors of the <b>PLANOCOLOR RESIN</b> RAL colour chart. It can also be applied as a "background" coloured substrate before <b>PLANOCOLOR LIQUID GLASS</b> coatings. Apply always on a flat substrate without rising humidity such as <b>PLANO 120</b> , primed with <b>WATERPRIMER EPX</b> or <b>PLANOPRIMER EPOXY</b> . <b>Consumption:</b> 200 - 300ml/m <sup>2</sup> for two coats.	PLANOCOAT EPX (15,1 + 4,9) L
	PLANOCOAT EPX FREEZE (15,1 + 4,9) L
	S500 25kg



CODE 08406 (1001), 08428 (5012), 08430 (7001), 08413 (7032), 08414 (7035), 08415 (7038), 08416 (7040), 08400 (7047), 08417 (9001), 08418 (9002), 08401 (9003) PLANOCOAT EPX A.  
CODE 08402 PLANOCOAT EPX B - CODE 08403 PLANOCOAT EPX FREEZE B

<b>PLANOFLOOR EPX</b> Two-component solvent free epoxy coating (VOC = 0g / L). It is used for protecting floors of heavy traffic in areas with chemical aggression. Available in the RAL colors of the <b>PLANOCOLOR RESIN</b> RAL colour chart. It is applied as a "background" coloured substrate before applying <b>PLANOCOLOR LIQUID GLASS</b> resin. Apply to a flat substrate without rising humidity, primed with <b>WATERPRIMER EPX</b> or <b>PLANOPRIMER EPOXY</b> . Mix 1/1 with sand S 500. <b>Consumption:</b> 1,9kg/m <sup>2</sup> /mm thick (0,95kg PLANOFLOOR EPX+0,95kg S500).	PLANOFLOOR EPX (15,1 + 4,9) kg
	PLANOFLOOR EPX FREEZE (15,1 + 4,9) kg
	S500 25kg



CODE 08424 PLANOFLOOR EPX A - CODE 08365 PLANOFLOOR EPX B  
CODE 08366 PLANOFLOOR EPX FREEZE A - CODE 08367 PLANOFLOOR EPX FREEZE B



**NOTE :** Due to printing process all colors should be considered as indicative

## TABLE I

### ↘ CONSUMPTIONS (\*) PLANOCOLOR® RESIN

DESCRIPTION	CONSUMPTION	THICKNESS (mm)
PLANOCOLOR LIQUID GLASS	1,00 L	1,0mm
PLANOCOAT EPX	0,20 - 0,30 L	total 2 coats
PLANOFLOOR EPX	1,50 kg	1,0 mm
PLANOFLOOR EPX + 100% S 500	(0,95 + 0,95) kg	1,0 mm

(\*) Refers to consumption per m<sup>2</sup> of 1mm thickness on flat substrate

# PLANOCOLOR® RESIN

## FLOORS & WALLS OF INDUSTRIAL USE

### ABSORBENT SUBSTRATE



▶ WATERPRIMER EPX  
150 - 300 ml/m<sup>2</sup>

### NON ABSORBENT SUBSTRATE



▶ PLANOPRIMER EPOXY  
100 - 200 ml/m<sup>2</sup>

2 - 18 HOURS



▶ PLANOCOAT EPX  
200 - 300ml/m<sup>2</sup>  
(2 coats)

or



▶ PLANOFLOOR EPX+S500  
(0,95+0,95)kg/m<sup>2</sup>/mm

FLOOR or WALL PAINT

FLOOR EPOXY COATING

## 'ABSTRACT ART' RESIN FLOORINGS

### ABSORBENT SUBSTRATE



▶ WATERPRIMER EPX  
150 - 300 ml/m<sup>2</sup>

### NON ABSORBENT SUBSTRATE



▶ PLANOPRIMER EPOXY  
100 - 200 ml/m<sup>2</sup>

2 - 18 HOURS



▶ PLANOCOAT EPX  
200 - 300ml/m<sup>2</sup>  
(2 coats)

or



▶ PLANOFLOOR EPX+S500  
(0,95+0,95)kg/m<sup>2</sup>/mm

2-18 HOURS



▶ PLANOCOLOR LIQUID GLASS  
1,0-1,1L/m<sup>2</sup>/mm



▶ NOVACOLOR UNIVERSAL

ENHANCED CLARITY FLOOR RESIN

## 3D FLOORS OR OBJECTS INCORPORATION

### ABSORBENT SUBSTRATE



▶ PLANOPRIMER  
100 ml/m<sup>2</sup>

### NON ABSORBENT SUBSTRATE



▶ PLANO CONTACT  
300 - 350 gr/m<sup>2</sup>

0 - 15 MIN



▶ PLANO 120 <sup>(2)</sup>  
1,7kg/m<sup>2</sup>/mm

+



▶ GRANIT S20 25% <sup>(3)</sup>

objects incorporation<sup>(1)</sup>



▶ PLANOCOLOR LIQUID GLASS  
1L/m<sup>2</sup>/mm



▶ PLANOCOLOR LIQUID GLASS  
1L/m<sup>2</sup>/mm

2 - 18 HOURS

FINAL COVERING WITH LIQUID GLASS

Consumption and waiting times depend on the conditions of each jobsite

NOTE 1: All incorporated objects should be humidity free.

NOTE 2: Instead of PLANO 120, PLANOFLOOR EPX can be used. In any case the application surface must be treat prior to LIQUID GLASS application.

82 NOTE 3: For levelling thickness >7mm always add 20% of S20 silica sand 25% by weight

