



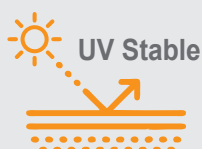
aplicaCer Color Epoxi

**2 COMPONENT, RESIN BASED COLOURED
GROUT AND ADHESIVE FOR GLASS MOSAICS,
TILES AND STONES OF DIFFERENT NATURE.**

- Easy to mix, apply and clean
- Ideal for all types of fixing and grouting
- For joint width upto 20mm
- Ideal to use in dry areas, wet areas and waterbodies

REV_03/26

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DESCRIPTION

APLICACER COLOR EPOXI 3.0 is a two component acid-resistant and waterproof grout and adhesive. It is suitable for fixing and grouting floors and different types of ceramic coverings on a wide range of surfaces. It has excellent waterproofing qualities, as well as resistance to chemical and mechanical damage. Provides rapid drying without shrinkage, and is easy to wash with water.

FIXING & JOINT GROUTING

- Existing surfaces in tiles/stones
- Ceramic/Vitrified tiles
- Glass mosaic
- Natural Stones/marbles/granites
- Engineered/manufactured stones/marbles

APPLICATION AREAS

- Internal & external use
- Wall/floor
- Bathroom
- Swimming pool
- Water Tanks
- Chemical storage tank
- Residential, Commercial and Industrial applications

PACK

5 Kg Bucket

MIXING RATIO

Part A - 4.65 Kg (Epoxy Resin)
Part B - 0.35 Kg (Hardener)

SHELF LIFE

24 months in original unopened packing

COLOUR

20+ shades



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APPLICATION STEPS



Remove the hardened adhesive/cement slurry/mortar and plastic spacers from joints using mechanical tools.

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Clean the joint with air blower and make the joints dust free.

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Aplicacer Color Epoxy 3.0 - Add Part B (Hardner) in bucket containing Part A (Resin) and mix with mechanically operated mixer to obtain a mixture of homogeneous creamy consistency.

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Fill and press the mixture in tile joints with rubber spatula with filling in diagonal passion and remove excess grout from surfaces.

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Clean the total surface area using wet sponge with following circular passion and remove all resins from surfaces.

RECOMMENDATIONS

- Acid/detergent wash must be completed at least 7 days prior to actual grout application, if its required.
- Block the access to other agencies like false ceiling/POP/furniture/painting during grout application.
- At least 24 hrs must be left blocked the area to set the grout and reflect original selected shade.
- Grout must be filled minimum twice of the joint width for longer stability.

DO NOT USE

- Addition of other ingredients which may alter final performance of the product.
- On stagnant water
- Fixing on rubbers without pre-sampling

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WORKABILITY PERFORMANCE

Recommended width (mm)	From 1 to 20 mm
Consistency	Part A: Paste, Part B: Liquid
Mixing ratio	Part A: 2.8 Kg, Part B: 0.2 Kg
Appearance of mixture	Coloured resin
Mixture density (kg/dm ³)	1.6
Coverage (Kg/sq.m)	Refer coverage chart
Temperature of surfaces and materials (°C)	From +1 to +40
Pot life (min)	≥ 45
Grout application in joints	24 hrs for wall and floor
Final hardening (days)	14
Foot traffic	Light foot traffic > 24 hrs Heavy foot traffic > 3 days Swimming pool > 7 days

at 27±2°C temperature and 65±5% humidity

TECHNICAL PERFORMANCE

IS 17190 -2020	Requirements of RG 1	Results	Classification
Compressive strength after 7 days (Mpa)	> 45	≥ 50	Type RG 1
Flexural strength after 7 days (Mpa)	> 30	> 31	
Water absorption after 30 mins (%)	< 0.5	< 0.04	
Linear shrinkage (%)	< 0.15	< 0.012	
Abrasion resistance (%)	< 0.5	< 0.2	
Chemical resistance with 20% NaOH - 24 hrs	-	Resistant	
Chemical resistance with 20% H2SO4 - 24 hrs	-	Resistant	

at 27±2°C temperature and 65±5% humidity

EN 13888 Part 2:2022	Requirements of RG - EN 13888 Part 1	Results	Classification
Compressive strength after 7 days (Mpa)	> 45	≥ 50	Class RG
Flexural strength after 7 days (Mpa)	> 30	> 31	
Water absorption after 240 mins (gms)	< 0.1	< 0.05	
Shrinkage after 24 hrs (mm/m)	< 1.5	< 0.12	
Abrasion resistance (%)	< 0.5	< 0.2	
Chemical resistance with 20% NaOH - 24 hrs	-	Resistant	
Chemical resistance with 20% H2SO4 - 24 hrs	-	Resistant	

at 23±2°C temperature, 50±5% relative humidity and speed of the air < 0.2 m/s

EN 12004 Part 2- 2017	Requirements of Class R2 - EN 12004 Part 1	Results	Classification
Initial shear adhesion (Mpa)	≥ 2	≥ 6.1	Class R2 T
Shear adhesion after water immersion (Mpa)	≥ 2	≥ 5	
Shear adhesion after after thermal shock (Mpa)	≥ 2	≥ 5.75	
Open time - Tensile adhesion strength (Mpa)	≥ 0.5	≥ 1.6	
Deformability (mm)	> 5	> 10	
Slip (mm)	< 0.5	< 0.15	

at 23±2°C temperature, 50±5% relative humidity and speed of the air < 0.2 m/s

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COVERAGE

KG PER M² OF SURFACE COVERING:

TILE FORMAT (CM)	THICKNESS (CM)	JOINT WIDTH (MM)					
		1	2	3	4	5	6
2.5 X 2.5	0.3	0.60	1.10	1.60	2.60	3.65	5.15
5 X 5	0.4	0.40	0.70	0.95	1.55	2.10	3.00
10 X 10	1.0	0.45	0.80	1.20	1.90	2.60	3.70
10 X 10	0.6	0.30	0.55	0.75	1.20	1.60	2.25
12.5 X 12.5	1.0	0.40	0.70	0.95	1.55	2.10	3.00
10 X 20	0.8	0.30	0.55	0.75	1.20	1.60	2.25
15 X 15	1.4	0.45	0.80	1.15	1.85	2.55	3.65
15 X 15	0.8	0.30	0.50	0.70	1.10	1.50	2.10
12 X 24.5	0.8	0.30	0.50	0.70	1.10	1.50	2.10
20 X 20	1.4	0.35	0.60	0.85	1.35	1.85	2.60
20 X 20	0.8	0.25	0.40	0.55	0.80	1.10	1.55
20 X 25	0.8	0.25	0.35	0.50	0.75	1.00	1.40
25 X 25	1.0	0.25	0.40	0.55	0.80	1.10	1.55

CHEMICAL RESISTANCE

IN CONTACT WITH	CONTINUOUS IMMERSION	FREQUENT CONTACT	OCCASIONAL CONTACT
WATER	0	0	0
WINE	0	0	0
OIL	0	0	0
SUGAR SOLUTION	X	**	**
SALT SOLUTION (SODIUM CHLORIDE)	0	0	**
MILK WHEY	X	**	0
LACTIC ACID 2.5%	X	**	0
LACTIC ACID 5%	X	X	**
LACTIC ACID 10%	X	X	**
CITRIC ACID (pH3)	0	0	0
ETHYL ALCOHOL 10%	0	0	0
ETHYL ALCOHOL 10% + HYDROCHLORIC ACID 10%	X	**	**
NITRIC ACID 10%	X	**	**
SULPHURIC ACID 10%	X	X	**
SODA 4%	X	0	0
SODA 10%	X	0	0
SODIUM HYPOCHLORITE	X	X	**
XILENE	X	X	**
TRICHLOROETHANE	X	X	X
PETROL 0	0	0	0
DIESEL	0	0	0

LEGEND:

0 = EXCELLENT PERFORMANCE ** = GOOD PERFORMANCE X = COMPORTAMIENTO ACEPTABLE

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COLOR CHART

	01. BLANCO		11. DOVE GREY
	02. GREY		12. LIMESTONE
	03. DARK GREY		13. ARGENT SILVER
	04. ANTHRACITE		14. TWILIGHT
	05. JET BLACK		15. MOCHA
	06. BAHAMA BEIGE		16. FERROUS GREY
	07. CARAMEL		17. JAISALMER
	08. BROWN		18. TERACOTTA
	09. WALNUT		19. SEA BLUE
	10. IVORY		20. KOTA GREEN

Note: While every precaution is taken during printing, the exact matching of the colors/shades cannot be guaranteed. Shades shown here are for indicative purpose only.

Disclaimer: While our tile adhesive is formulated to adhere to industry standards and recommended application methods, we cannot be held responsible for any misuse, improper application, or deviation from our provided guidelines. It is essential to follow the prescribed instructions and use the product within its intended purpose for optimal results. Any alternative use or application outside our guidelines is done at the user's own risk.

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