



FUGOPOX COLOR AB

EASY TO CLEAN, ANTIBACTERIAL, WATERPROOF AND STAIN-PROOF CERAMIC COATED SEALANT FOR GROUTING JOINTS OF 1 TO 20 mm, WITH HIGH CHEMICAL RESISTANCE. FREE FROM COLORANT ADDITIVES

CHARACTERISTICS			ENVIRONMENTAL	METHOD OF USE		PRECAUTIONS
WATERPROOF	TWO-COMPONENT	WATER BASED		MIX MECHANICALLY	APPLICATION WITH RUBBER TROWEL	STORAGE: KEEP AWAY FROM FROST

PROBLEM

GROUTING JOINTS EXPOSED TO CHEMICAL AGGRESSION



SOLUTION

The joints of surfaces exposed to chemical substances require a very strong sealant that is able to withstand prolonged contact with chemically aggressive substances.

FUGOPOX COLOR AB is a two-component epoxy grout with silica sand filler and special additives which give it excellent workability and good bonding properties with a variety of different supports.

Once laid, it sets by chemical reaction; the hardened product offers excellent properties of mechanical and chemical resistance. It is suitable for floor and wall tiling, thanks to perfect workability. The special composition without colorant additives makes the product easier and quicker to clean than normal cement-based grouts. **FUGO-**

APPLICATION FIELDS

POX COLOR AB is used internally and externally, on floors or walls, wherever high resistance to chemical and acid aggression or foodstuff processing is required. Principal uses are to laboratories, restaurants, bathrooms, leisure centres, industrial floors, swimming pools, purification basins, acid-resistant flooring and walls in dairies, foodstuff companies, hospitals, etc. **FUGOPOX COLOR AB** may also be used as an adhesive and as a grouter.



Internal and external floors and lining



ADVANTAGES

- Excellent resistance to chemical agents.
- Vast range of applications with all types of tiles.
- Excellent bonding properties to a variety of different supports and coatings.
- Solid and uniform colours.
- Easy-to-apply and easy-to-clean.

METHOD OF USE

• SURFACE PREPARATION

Support surfaces must be carefully cleaned of all foreign substances such as oil, cement or dust. They must be dry to ensure proper bonding by the product.

• PREPARING THE MIX

Mix parts **A** and **B** in the prepared doses. Mix with a mechanical mixer until the product is thoroughly mixed.

• APPLICATION

Apply **FUGOPOX COLOR AB** with a hard rubber trowel. The workability time depends on the application temperature; at 20°C it is roughly 45 min. Surfaces will take foot traffic after about 15 hours. At lower temperatures it is necessary to wait a few days. Clean the surfaces promptly using a wet sponge; for large surfaces (floors), it is advisable to use a rotary felt brush. Should cleaning be delayed and the product has already started to set, use water with 10% of **CLEANPOX**. If the product has actually set, it can be cleaned using the epoxy product cleaner "CLEANPOX".

• PRECAUTIONS

- Non coprire assolutamente le fughe con teli dopo la stuccatura per evitare danni da umidità residua derivante dal fondo.
- Il prodotto può ingiallire se esposto ai raggi UV.
- Non usare su giunti di dilatazione o soggetti a movimento.
- Pulire i rivestimenti prima della presa del prodotto e gli attrezzi subito dopo l'uso.
- Nel caso di piastrelle con superfici levigate o smalti microporosi, eseguire una prova preliminare su di una piccola porzione per verificarne la pulibilità.

CONSUMPTION

Consumption is approximate only for some ceramic formats. The exact formula to calculate the consumption of any format is reported below.

$$\frac{(A + B)}{(A \times B)} \times C \times D \times 1,6 = \text{coverage (kg/m}^2\text{)}$$

- A = Tile length (mm)
- B = Tile width (mm)
- C = Tile thickness (mm)
- D = Gap width (mm)

- Nel caso di stuccature di pietre naturali, verificare con una prova preliminare il possibile assorbimento della resina epossidica, con manifestazione di aloni che non si possono eliminare.

AVAILABLE COLOR'S TABLE

Ultrawhite	
Beige	
Sand	
Light grey	
Concrete grey	
Grey	
Carbon	
Black	

The above mentioned products reproduce indicative colours

TECHNICAL CHARACTERISTICS

		FUGOPOX COLOR AB	
		Standard	
			COMPONENT A
			Thick paste
			4.5
			COMPONENT B
			Thick paste
			0.5
		EN 2811-1	1.60 ± 0.10 kg/L
			1.00 ± 0.10 kg/L
Appearance		8 available colours - see table	
Shelf life in original packaging		24 months	
Mix characteristics and workability			
Density		1.60 ± 0.10 kg/L	
Pot life - a 20°C (*)		ca. ≥45 minutes	
Minimum application thickness		1 mm	
Maximum application thickness		20 mm	
Waiting time - before foot traffic use (initial hardening) (*)		approx 24 hours	
Waiting time - final hardening (*)		approx 5 days	
Waiting time - using in swimming pools (*)		approx 7 days	
Application temperature		+5°C ÷ +35°C	
Application		manual	

Performance characteristics	Standard	Product performance
Class and Type	EN 13888	RG
Adhesion to concrete (sanded)	EN 7783-1	>2.5 N/mm ² - (breakage of the support)
Compression strength - after 1 day	EN 12808-3	>5 N/mm ²
Compression strength - after 7 days	EN 12808-3	≥45 N/mm ²
Bending strength - after 1 day	EN 12808-3	>2 N/mm ²
Bending strength - after 14 days	EN 12808-3	≥30 N/mm ²
Resistance to abrasion	EN 12808-2	≤250 mm ³
Chemical resistance		see table - (minimum after 4 days)
Compression cutting elastic modulus		10 000 ÷ 11 000 N/mm ²
Shrinkage	EN 12808-4	≤1.5 mm/m
Water absorption - after 240 minutes	EN 12808-5	≤0.1 g
Thermal resistance - Working temperature		-30°C ÷ +100°C

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These parameters may vary based on the specific conditions of the worksite: temperature, humidity, ventilation, porosity of the substrate.**
 (*) The stated times may be longer or shorter as the temperature decreases or increases.
 Compliant with the general principles defined in EN 13888 - Principles for evaluation of the use of products and systems.

Watch the application video on your Smartphone



The numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

CHEMICAL RESISTANCE OF CERAMIC COATINGS POINTED WITH FUGOPOX COLOR AB																
Name	Continuous concentration at 20°C	Continuous contact at 20°C	Temporary contact at 20°C	Name	Continuous concentration at 20°C	Continuous contact at 20°C	Temporary contact at 20°C	Name	Continuous concentration at 20°C	Continuous contact at 20°C	Temporary contact at 20°C	Name	Continuous concentration at 20°C	Continuous contact at 20°C	Temporary contact at 20°C	
• Alkali and saturated solutions				Potassium permanganate	10%	-	(+)	Lactic acid	2.5%	+	+	Olive oil			+	+
Ammoniacal solution	25%	+	+	Potassium hydroxide	50%	+	+	Lactic acid	5%	+	+	• Solvents				
Caustic soda	50%	+	+	Oxygenised water	1%	+	+	Lactic acid	10%	-	(+)	Ethyl alcohol			(+)	+
Hypochlorite solution:				Oxygenised water	10%	+	+	Nitric acid	25%	+	+	Acetone			-	-
Active chlorine	6.4 g/l	(+)	+	Oxygenised water	25%	(+)	+	Pure oleic acid		+	-	Ethylene glycol			-	+
Active chlorine	162 g/l	-	-	Sodium bisulfite	10%	+	+	Phosphoric acid	50%	+	+	Glycerine			+	+
• Saturated solutions at +20°C				• Acids				Phosphoric acid	75%	-	(+)	Perchloroethylene			-	(+)
Sodium thiosulphate		+	+	Acetic acid	2.5%	+	+	Sulphuric acid	1.5%	+	+	Trichloroethane			-	-
Calcium chloride		+	+	Acetic acid	5%	(+)	+	Sulphuric acid	50%	+	+	Trichloroethylene			-	-
Iron chloride		+	+	Acetic acid	10%	-	-	Tartaric acid	10%	+	+	Methylene Chloride			-	-
Sodium chloride		+	+	Hydrochloric acid	37%	+	+	Oxalic acid	10%	+	+	Toluene			-	(+)
Sodium chromate		+	+	Chromic acid	20%	-	-	• Oils and fuels				Benzene			-	(+)
Aluminium sulphate		+	+	Citric acid	10%	-	-	Gasoline		+	+	Xylol			-	-
Sugar		+	+	Formic Acid	2.5%	+	+	Petrol		+	+					
Potassium permanganate	5%	(+)	+	Formic Acid	10%	-	-	Diesel		+	+					


KEY: + Excellent resistance (+) Good resistance - Poor resistance

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Consulting

PACKAGING

FUGOPOX COLOR AB	3.00-kg
- Component A:	2.82-kg-Can
- Component B:	0.18-kg-Can

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •



Construction Systems and Products

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