

3D FUGEN



DESCRIPTION

Two component, epoxy-based tiles grout.

CHARACTERISTICS

Bi-component stucco with 30 prepared shades, free of diluents, with epoxy-based resins and thin salicyl inserts. It is resistant to acids, alkalis, strong cleaners, most of organic diluents and chlorinated water or salty water. It manifests excellent workability, high adhesion in the sides of the joints and is completely waterproof, without being spotted. It is not absorbing, does not allow bacteria development, is easily cleaned on a daily basis, and it is also resistant to hygiene conditions. It is suitable for joints from 1 - 10 mm wide. The final surface is absolutely smooth, as porcelain. Before solidifying, it is easily cleaned with lukewarm water. The product is classified in RG2 category, according to EN 13888.

RECOMMENDATIONS FOR USE

3D Fugen is suitable for polished granite tiles, wherever esthetics requires white or white color fugue and where the shade will not change due to stains and pollution. It is also used to stucco marble joints, thus preventing water and pollution absorption, contrary to cement-based stucco powders. It is recommended for marble sculptures and mosaics in swimming pools, swimming facilities and public toilets. It replaces the corroded stuccos of cement-based joints in pools, where previously we have pulled out the old layer in 3-4 mm depth. It also attaches excellently every application in marble.

TECHNICAL DATA

Form:	Component A Paste Component B Gel
Colour:	30 colors, second baton Colors
Grain size:	0,2 mm
Density:	Component A 1,65 gr/ml Component B 1,05 gr/ml
Density (A+B):	1,54 gr/ml
Mixing ratio:	9A : 1B
Solid content:	Component A 100% Component B 100%
Application temperature:	from +5°C up to +35°C
Joints width:	from 2 mm up to 10 mm
Pot life:	minimum 45 minuta
Compressive strength:	
• Normal condition:	76 MPa
• After freeze-thaw cycles:	72 MPa
Flexural strength:	
• Ne Normal condition:	45 MPa
• After freeze-thaw cycles:	42 MPa
Abrasion resistance:	51 mm ³
Water absorption After 240 min:	0,04 Gr
Shrinkage:	0,7 mm / m
Temperature rezistance:	from -30°C up to +90°C

SURFACE PREPARATION

Remove potential remains of the cement-based adhesive and other contaminants from the joints and granite or marble surface.

APPLICATION

Joints are filled with a rubber spatula, by opening and pressing it diagonally to the joints, without leaving spaces or residue.

STORAGE

24 months, if stored in its original packaging, in dry places and protected by frost and direct exposure to sun.

CONSUMPTION

0,2 - 3.0 Kg/m²

PACKAGING

3 Kg (A+B) plastic buckets

HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advice immediately and show the contents of the container. Do not dispose the product into drains.

