



GLUE ABUJAMAL - SOLID CREAM

A. DESCRIPTION OF THE PREPARATION

The SOLID CREAM glue is a compound made of orthophtalic unsaturated polyester resin, dissolved in monomer styrene, pre-accelerated and with added mineral fillers.

The preparation has good characteristics of chemical mechanical resistance, brightness and stability after hardening.

The SOLID CREAM glue is used for stuccoing and gluing of marble slabs, stones, agglomerated, travertine and other. It can also be diluted with monomer styrene (5% - 10% in weight in the compound) in order to improve the spreading and impregnation on the marble surface.

Further quantity of styrene can be added only upon a trial application, since some characteristics of the of the preparation can be affected.

Colouring pastes or similar pigments slightly affecting the colour toning of the preparation can also be added.

B. TECHNICAL NOTES

CHARACTERISTICS OF PRODUCT		TEST METHOD
Aspect of product	viscous liquid, cream	
Unsaturated polyester resin (Proprietary blend: based on 85-44-9, 108-31-6 and 57-55-6)	15-30 %	
1,1'-(p-tolyimino)dipropan-2-ol (38668-48-3)	0.1-0.2 %	
Styrene (100-42-5)	10-15 %	
Calcium carbonate (471-34-1)	60-70 %	
Dynamic viscosity (20°C)	> 2600 mPa·s	ASTM D2515
Density (20°C)	1.78 g/cm ³	ASTM D1298
Dry residue at 105 °C	84.30 %	IRSACNR/64/PT241
Acid value	6.0 mg KOH/g	ASTM D2849
Flexural strength at break	27 ± 4 MPa	ASTM D790
Flexural elongation at break	0.6 ± 0.1 %	ASTM D790
Tensile strength at break	9.6 ± 0.6 MPa	ASTM D638
Tensile elongation at break	0.18 ± 0.05 %	ASTM D638

VOC	1.5 g/L * [Test method: EPA Method 24 (40 CFR 59, Subpart D)] Details: The test method is equivalent to ASTM D2369 and ISO 11890-1. * Grams of VOC per liter of product as applied (mixed with the hadener at 2%)
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C. PREPARATION OF THE SURFACE

Hardening catalysis

The SOLID CREAM glue hardens by adding of a hardener paste composed of about 50% benzoyl peroxide at a room temperature between 10° and 40°C. As an alternative, methyl ethyl ketone peroxide (MEKP) catalyser is available. In order to improve the hardening time and speed up the working process, we suggest to add an tertiary aromatic amines accelerator, previously checking eventual variations in colour.

The surface to be treated has to be perfectly dry and free from dust and grease.



D. WARNINGS

Application of the catalyst.

We suggest to use the hardener in a 2% ratio for a proper hardening; anyway quantity can vary according to the conditions of use. Do not use quantities of hardener which are lower than 1% or higher than 3%.

Storage

Tins should be tightly sealed and stored in a cool, dry area.

Life of the product

If kept in its original, sealed container, at a temperature of 22-25 °C, the product has a shelf-life of twelve months from the production date on the tin.

E. FIELD OF USE

The preparation can be used for:

- **REINFORCING AND GLUING** marble slabs and tiles and natural stones;
- **STUCCOING** any type of marble slabs and manufactured articles and natural stones;
- **CHEMICAL ANCHORING** if charged with quartz.

F. WORKING DATA

HARDENER: 1-3% of hardener in paste, composed of about 50% benzoyl peroxide.

TIME OF GEL: >6' to 22°C.

APPLICATION: by spatula or small blade.

SANDING: < 30' to 22°C.

G. SAFETY INFORMATION

See the safety specifications of the product.

H. ONLY FOR PROFESSIONAL USE

Always test the product before use.

IMPORTANT

Technical information and suggestions are based on our experiences. We guarantee a high quality product. However, we are not responsible for results obtained when the product is used under conditions beyond our control. The characteristics of the various materials may differ in structure, absorption and mineral composition: it is always advisable to do a preliminary test on a small surface before final application.

LIMITATIONS OF LIABILITY

Please note that the information provided is a guideline and do not represent a formal guarantee for the end user. In particular, it is noted that the responsibility for B-Chem S.r.l. in case of problems caused by defective products, once the defect is verified, it is limited to the purchase price of the product. B-Chem S.r.l. assumes no liability for damage caused by improper use of the product remained outside our control.



Technical data sheet

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Specifications given by:

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