

EPOXY PUTTY



Two-component epoxy putty for repairs



■ PROPERTIES

Two-component, and solvent-free, multipurpose epoxy putty. Its powerful adhesion, excellent workability, and thixotropy make it essential for use on absorbent or smooth substrates, before lining, coating, or painting. Seals capillary cracks, but also larger gaps on concrete surfaces, without shrinking, cracking, or sagging when applied on vertical surfaces. Its use yields a smooth finish with high resistance to mechanical stress and loads as well as chemical wear. Classified as a structural bonding product for existing concrete structures per EN 1504-4, and RG per EN 13888.

■ APPLICATIONS

EPOXY PUTTY is suitable for a number of repairs, sealing and smoothing applications on concrete surfaces, cement screed, cement board, and metal surfaces etc. Ideal for interior and exterior applications, where it is necessary to repair and restore damage (sealing, spackling), but also for smoothing surfaces before applying the floor paint system POLYUREA FLOOR COATING, and the epoxy

paint systems DUROEPOXY (solvent-based) and DUROEPOXY FLOOR SF (solvent-free) on floors, industrial floors, swimming pools, showers, fountains, and cisterns.

The product is also used for the coating of surfaces (increases bonding strength and durability) before the application of the quartz aggregate mixture QUARTZ DECO with grain sizes up to 2mm with the epoxy resin QUARTZ DECO EPOXY on walls, steps and pools and with the polyurethane resin QUARTZ DECO PU for walls and steps.

Additionally, it is suitable for auto bodywork repairs.

■ USE

1. Surface preparation

Application surfaces must be free from loose sections, dust, oils and moisture.

2. Application preparation

In a clean container, mix equal amounts of components A and B, mixing well, until the mixture is completely homogenous.

The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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3. Application

Apply the mixture using a taping knife to achieve a very smooth finish, especially when the putty application is followed by epoxy or polyurea-based paint coatings.

■ NOTES

- Epoxy systems are sensitive to ambient temperature and humidity, until their final cure. Pot life is reduced with increased ambient temperatures. Dull or discolored spots appear on the surface and curing time increases at high humidity conditions, as well as the curing time.
- After mixing the two components, the mixture temperature increases..

■ CONSUMPTION

As preparation coating for QUARTZ DECO: 0.3-0.6kg/m², depending on the substrate.
As repair putty: 1.5-1.8 kg/m²/mm thick coat.

■ CLEANING

Clean all tools with THINNER 201 of DUROSTICK, immediately after use.

■ STORAGE

Keep in its factory sealed containers, in dry and shaded places, for 24 months from production date.

■ SAFETY DIRECTIONS

The product is classified as irritating and corrosive. It is recommended to keep away from the reach of children. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

■ PACKAGING

Paper box with 6 sets of 2.5kg
(A: 1.250gr, B: 1.250gr) each one

TECHNICAL SPECIFICATIONS

	COMPONENT A	COMPONENT B
■ Form	Thixotropic paste	Thixotropic paste
■ Color	Dark beige	Honey
■ Color (A+B)	Beige	
■ Bulk density	1.60±0.05kg/lit;	1.40±0.05kg/lit
■ Mixing ratio A:B	1:1 by weight	
■ Pot life	2 hours στους 25°C	
■ Moisture resistance	After 7 days	
■ Resistance to moisture	Excellent	
■ Waterproofing ability	Excellent	
■ Resistance to organic solvents	Excellent	
■ Resistance to diluted acids and alkalis	Very good	
■ Shrinkage	Zero	
■ Application temperature	From +8°C to +30°C	
■ Temperature resistance	From -25°C to +110°C	

PRODUCT PERFORMANCES

■ Resistance, per EN 196-1, to:	
• flexion	32.50 N/mm ²
■ Resistance, per EN 12190, to:	
• compression	60.00 N/mm ²

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