

D-38



Two component construction epoxy putty - adhesive



■ PROPERTIES

Professional adhesive of gray color without solvents in putty form. The product features a breaking point that is greater than concrete. It has high adhesion properties. It is highly resistant to acids, alkalis, salts, and salt (sea) water, while it does not shrink. Classified as a structural bonding product to concrete per EN 1504-4 and RG per EN 13888.

■ APPLICATIONS

D-38 is used to repair concrete defects and seal cracks that will be injected with the epoxy resin DUROSTICK D-33.

It is suitable for bonding similar and dissimilar construction and industrial materials, such as metal, polyester, glass, stone, fiber reinforced cement screeds etc.

It is also suitable for anchoring expansion rebars and equipment as well as fastening metal formwork around concrete columns. The products is also suitable for coating and sealing-restoring defects and damage of industrial floors.

■ USE

1. Surface preparation

All application surfaces must be free from loose materials, dust, oils and moisture.

2. Application preparation Empty the plastic tube containing the hardener B, into the container with the resin A.

Mix thoroughly for 5 minutes using a thin, metal putty knife until the mixture is smooth and of solid gray color.

It is important to thoroughly scrape the bottom and the side walls of the container during the mixing process, to evenly distribute the hardener into the entire resin mass.

3. Application

Apply the mixture using a putty knife or a gauging trowel.

Remove the excess product using DUROSTICK THINNER 201, immediately after use.

When applying over cracks, allow for 24 hours to pass before injecting DUROSTICK D-33 resin into the crack cavity.

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■ CONSUMPTION

1.8kg/m²/mm thick coat.

■ CLEANING

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

■ STORAGE

Store in dry and shaded places, in the original and factory sealed container, for 12 months from production date.

■ SAFETY DIRECTIONS

The product is classified as irritant 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.

■ NOTES

- Epoxy systems are susceptible to the temperature and the humidity of the environment until their complete hardening. Increased temperatures will result in the reduction of the pot life of the mixture. Increased humidity levels will result in matte or discolored spots on the surface and increased curing time.

- During and after mixing the two components together, the temperature of the mixture is increased.

■ PACKAGING

Carton box with 12 pcs of 1kg each one (A: 880gr, B: 120gr in a tube within the container).

TECHNICAL SPECIFICATIONS		
	A	B
■ Chemical base	Thixotropic paste	Viscous liquid
■ Color	Gray	Off yellow
■ Color A+B	Gray	
■ Component density	1.65±0.05kg/lit	1.00±0.05kg/lit
■ Mixing ratio A:B	7:1 by weight	
■ Pot life	60 minutes at 25°C	
■ Application temperature	From +8°C to +30°C	
■ Temperature resistance	From -25°C to +110°C	
■ Final strengths	After 7 days	

MECHANICAL STRENGTHS	
■ Strength, per EN 196-1, to:	
• Flexion	32.50 N/mm ²
■ Resistance, per EN 12190, to:	
• Compression	60.0 N/mm ²
■ Shear strength, per EN 12615	8.30 N/mm ²
■ Modulus of elasticity, per EN 12615	5300 N/mm ²

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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.