

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 both 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 to industrial floors.

■ USE

1. Surface preparation

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

2. Application preparation

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

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

It is important to thoroughly scrape the bottom and side walls of the container during the mixing process, to ensure the hardener is evenly distributed throughout the resin.

3. Application

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

Remove 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 temperature and humidity until fully hardened. Increased temperatures will reduce the pot life of the mixture, while high humidity levels can cause matte or discolored spots on the surface and increase curing time.
- During and after mixing the two components together, the temperature of the mixture increases.

■ PACKAGING

Carton box with 12pcs 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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