

# D-38



Two component construction epoxy putty - adhesive



## PROPERTIES

Professional adhesive, without solvents in putty form. Available in gray color. 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 classified 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 are also suitable for spackling 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. Preparation for application

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 product 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 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.

## NOTES

- Epoxy systems are sensitive to ambient temperature and humidity, until their final cure. Pot life is reduced with increased ambient

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temperatures. Dull or discolored spots appear on the surface and curing time increases at high humidity conditions.

- After mixing the two components, the mixture temperature increases.
- After hardening, the product is harmless to health and the environment.

### CLEANING

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

### CONSUMPTION

1.8kg/m<sup>2</sup>/mm thick coat

### STORAGE

Store in dry and shaded places, in the original and factory sealed container, for at least 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 Material Safety Data Sheet.

### PACKAGING

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

### TECHNICAL SPECIFICATIONS

	A	B
<b>Chemical base</b>	Thixotropic paste	Viscous liquid
<b>Color</b>	Gray	Off yellow
<b>Color A+B</b>	Gray	
<b>Component density</b>	1.65±0.05 kg/lt	1.00±0.05 kg/lt
<b>Mixing ratio A/B</b>	7/1 w/w	
<b>Pot life</b>	60 minutes at 25°C	
<b>Application temperature</b>	From +8°C to +30°C	
<b>Temperature resistance</b>	From -25°C to +110°C	
<b>Final strengths</b>	After 7 days	

### MECHANICAL STRENGTHS

**Strength, per EN 196-1, to:**

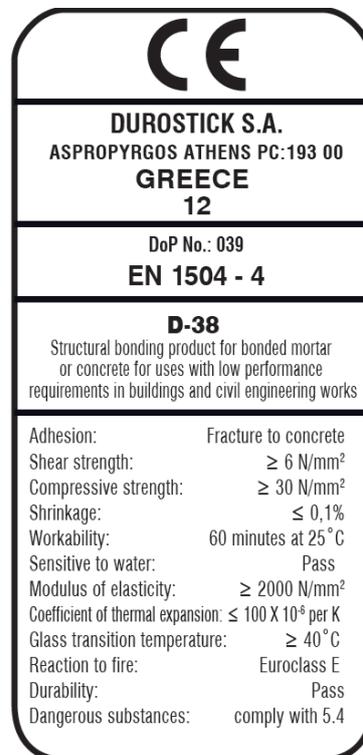
• **Flexion** 32.50 N/mm<sup>2</sup>

**Resistance, per EN 12190, to:**

• **Compression** 60.00 N/mm<sup>2</sup>

**Shear strength, per EN 12615** 8.30 N/mm<sup>2</sup>

**Modulus of elasticity, per EN 12615** 5300 N/mm<sup>2</sup>



### DUROSTICK S.A.

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