

D-66 Repair



Repair paste for severe cracks and holes, for interior & exterior surfaces



■ PROPERTIES

Cementitious and fiber reinforced, white repair putty, fortified with improving resins and ceramic microspheres. Highly thixotropic, it does not sag, thus eliminating the need for any formwork. A single coat will fill cracks and holes of up to 20mm wide and 30mm deep, without any shrinkage. Classified PCC R2, as concrete repair product, per EN 1504-3.

■ ADVANTAGES

- Ready to use, simply by adding water.
- Practical packaging, easy to work with.
- It has excellent adhesion on concrete and plaster.
- Its application does not leave a patch.
- Does not crack nor split when putting nails or screws through it.
- High mechanical strength.

■ APPLICATIONS

D-66 is suitable for filling cracks and holes made from nails or anchors (plugs) and to be applied on painted and non painted surfaces made of plaster and

concrete. Ideal for corner repairs on columns. It can be applied on interior and exterior surfaces, durable against any weather conditions.

■ USE

1. Surface preparation

To ensure proper adhesion of the product, all cracks have to be cleaned and possible loose sections have to be removed. All surfaces have to be sound and free from, dust, oils, grease etc. Before applying, it is necessary to thoroughly soak all surfaces.

2. Application

Empty 1kg of mortar into a clean container with 280-300ml of water (1.4-1.5lt to 5kg). Mix using a low rpm electric mixer or a putty knife until a lump free, homogeneous paste is produced that is suitable for patching. If a second coat is needed, it is recommended to be applied 3-4 hours later, without soaking.

It can be sanded with sandpaper when completely dry, as needed. Paint it when fully cured (approximately 48 hours).

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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■ CLEANING

Clean all tools with water, immediately after use.

■ CONSUMPTION

Depending on the width and depth of the joint.

■ STORAGE

Store in the factory sealed packages, in dry and shaded places, for 18 months from production date.

■ SAFETY DIRECTIONS

The product contains Portland cement. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

■ PACKAGING

Carton box with 10pcs of 1kg each one
Carton box with 4 bags of 5kg each one.

PRODUCT PERFORMANCES	
■ Strength for 28 days, per EN 12190, in:	
• flexion	≥ 5.00 N/mm ²
• compression	≥ 25.00 N/mm ²
■ Chloride ion content per EN 1015-17	≤ 0.05%
■ Adhesion to concrete, per EN 1542	≥ 1.30 N/mm ²
■ Thermal compatibility expressed as adhesion to concrete per EN 13687 after:	
• 50 freeze - thaw cycles • 30 storm cycles • 30 dry heat cycles	≥ 1.00 N/mm ²
■ Capillary water absorption w per EN 13057	w ≤ 0.50kg·m ⁻² ·h ^{-0.5}
■ Reaction to fire	Class A1

TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 50% R.H.)	
■ Form - Color	Cementitious mortar - Off white
■ Water requirement	280ml water for 1kg mortar 1.4lt water for 5kg mortar
■ Bulk density of dry mortar	1.05±0.05kg/lt
■ Bulk density of fresh mortar	1.90±0.05kg/lt
■ Maximum grain size	0.5mm
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -30°C to +90°C
■ Pot life	3 hours

1 N/mm²=1MPa

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