

6.1 Spackling-repairing pastes & drywall construction reinforcement

DUROSTICK D-66 Repair

Repair putty for severe cracks and holes, for interior and exterior surfaces



TECHNICAL SPECIFICATIONS (Measurement conditions 20 °C and 50% R.H.)

Form - Color	Cementitious mortar - Off white
Toxic	No
Bulk density of dry mortar	1.05±0.05 kg/lt
Bulk density of fresh mortar	1.90±0.05 kg/lt
Maximum grain size	0.50 mm
Water requirement	280 ml water in 1 kg mortar
Application temperature	From +5 °C to +35 °C
Temperature resistance	From -30 °C to +90 °C
Pot life	3 hours
Chlorides content, per EN 1015-17	<0.05%

MECHANICAL STRENGTHS

Strength after 28 days, per EN 12190, to:	
• flexion	7.50±0.80 N/mm ²
• compression	25.00±1.50 N/mm ²
Adhesion to concrete, per EN 1542	> 1.30 N/mm ²
Adhesion after 50 freeze-thaw cycles, per EN 13687-1	≥1.00 N/mm ²
Capillary water absorption w, per EN 13057	w < 0.5 kg/m ² ·h ^{0.5}

CLEANING

Clean all tools with water, immediately after use.

CONSUMPTION

Depending on the width and depth of the opening.

STORAGE

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

SAFETY DIRECTIONS

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

NOTE

After hardening, the product is harmless to health and the environment.

PACKAGING

Carton box with 15 pcs of 1kg each one
Carton box with 4 pcs of 5kg each one

PROPERTIES

Cementitious and fiber reinforced, white repair putty. It is fortified with improving resins and ceramic microspheres. Distinguished for its outstanding mechanical strengths, exceptional workability and unbreakable bond on plaster and concrete.

It does not sag, thus eliminating the need for any formwork. It prevents the recurrence of cracking.

A single layer 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.

APPLICATIONS

Suitable for filling cracks and holes made from nails or anchors (plugs). The product is suitable to be applied on painted and non painted surfaces made of plaster and concrete, without leaving a mark. It is ideal for corner repairs on columns (pic.2).

It will not burst nor does it crack when nails or screws are used over it.

Ready to use, simply by adding water. It can be applied on indoor and outdoor surfaces (pic.1), regardless of the weather conditions.

USE

1. Surface preparation

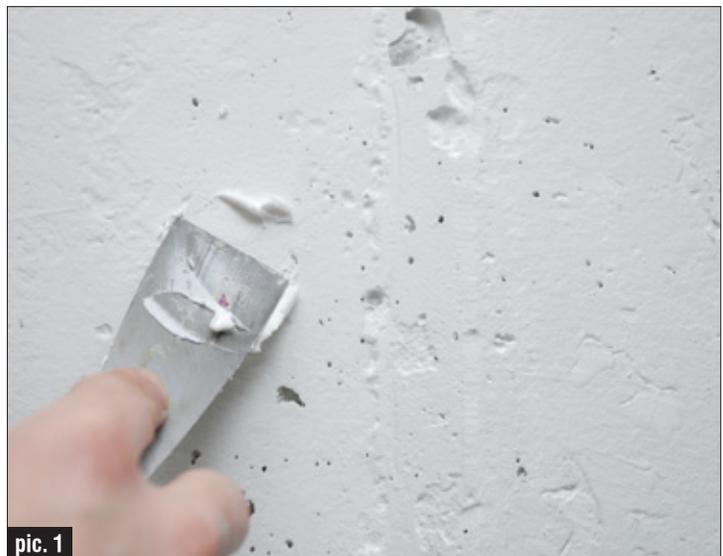
To ensure proper adhesion of the product, surfaces have to be thoroughly cleaned and free from loose materials, dust, oils etc.

Before applying, thoroughly soak all surfaces.

2. Application

Empty 1kg of the paste into a clean container with 280-300ml of water (1.4-1.5lt: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.

D-66 Repair can be sanded with sandpaper when completely dry, as needed.



pic. 1



pic. 2