

# D-9



## Brushable cementitious waterproofing mortar for roof ridges and clay planters



### ■ PROPERTIES

Brushable cementitious sealing mortar, suitable for application on all interior and exterior surfaces made of cement and clay. It provides waterproofing and protection to treated surfaces from ad-verse weather conditions. Available in brick red color. Classified as product for surface protection of concrete surfaces (c) per EN 1504-2, principle 2 MC (Moisture Control), and principle 8 IR (Increase of Resistance).

### ■ APPLICATIONS

#### 1. Protection of clay tile roof, crack sealing

DUROSTICK D-9 is suitable to ensure watertightness (preventively) and to cover possible capillary cracks in roof sections where the installation mortar for the roof ridges and finials/ornaments is visible, as well as in cracked tiles.

The addition of either DUROSTICK's acrylic emulsion D-20 or DUROSTOP into the mixing water at a ratio of

1: 1 increases the adhesion and flexibility of D-9 and protects it from new cracks due to expansions and contractions.

#### 2. Prevention of salt seepage through flowerpots

After watering plants in ceramic pots, planters, and clay jars, moisture but also salts are expelled through them, resulting in the appearance of white spots that aesthetically affect their appearance. Coating their interior with D-9 blocks salt discharges, without affecting plants.

### ■ USE

#### 1. Surface preparation

**Clay tiled roof:** 48 hours after the completion of the clay tile roof installation, thoroughly soak the exposed ridge and roof ornament mortar.

**Ceramic pots, planters and clay jars** should be clean and free from soil, dust, loose materials and thoroughly soaked to achieve increased grip of D-9.

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### 2. Application

Add D-9 to a clean container with 1.5lt of water, mixing with a low rpm electric mixer, equipped with the appropriate attachment, until a lump-free homogeneous mass is created, so thick that it stands on the brush without dripping. The mixture remains workable for the next 45 minutes. The product is applied in 3 coats, 1mm thick each one. Allow one or two hours to pass between coats. If any of the applied coats dries out, soak the surface again. Recently coated surfaces should be protected from high temperatures, rain and frost for the next 48 hours.

#### ■ CONSUMPTION

1,3 kg/m<sup>2</sup>/mm thick coat.

#### ■ STORAGE

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

#### ■ SAFETY DIRECTIONS

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

#### ■ PACKAGING

Carton box with 4 bags of 5kg each one

### TECHNICAL SPECIFICATIONS

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

■ Form - Color	Cementitious mortar - Brick red
■ Bulk density of dry mortar	1.10±0.05kg/l
■ Bulk density of fresh mortar	1.60±0.05kg/l
■ Maximum grain size	0.6mm
■ Water requirement	1.5lt water in 5kg mortar
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -20°C to +70°C
■ Application thickness	1mm/coat
■ Pot life	45 minutes
■ Watertightness per DIN 1048	To water pressure of up to 7Atm (kg/cm <sup>2</sup> )

### PRODUCT PERFORMANCES

■ Water vapour permeability SD per EN ISO 7783	SD < 5m (class I, water vapour permeable)
■ Capillary absorption and water permeability per EN 1062-3	w ≤ 0.1kg/m <sup>2</sup> ·h <sup>0.5</sup>
■ Adhesion strength per EN 1542	1.20N/mm <sup>2</sup>
■ Reaction to fire	Class A1

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