

# D-9



Brushable cementitious waterproofing mortar for roof ridges and clay planters



## PROPERTIES

Brushable cementitious sealing mortar, suitable for application on all indoor or outdoor surfaces made of cement and clay. It provides waterproofing and protection to treated surfaces under adverse 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).

## APPLICATIONS

**1. Clay tiled roof protection, sealing of cracks**  
DUROSTICK D-9 is suitable to ensure tightness (preventively) and to cover possible capillary cracks in the places where the mud for fixing ridges and acroceramas is visible, as well as in cracked tiles.

The addition of DUROSTOP to the mixing water in a ratio of 1: 1 increases the adhesion and flexibility of D-9 and protects it from new cracks due to contraction and expansion.

## 2. Seepage of salts through flowerpots

Ceramic pots, planters and clay jars, when watered, eliminate along with moisture and salts, resulting in the appearance of white spots that 'alter' their appearance aesthetically. Coating internally with D-9 'prevents' the outflow of salts, without affecting the 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 dirt, dust, loose materials and thoroughly soaked to achieve increased adhesion of D-9.

### 2. Application

Add D-9 to a clean container with 1.5lt of water, stirring with a low rpm drill with the appropriate attachment, until a homogeneous mass without lumps is created, so thick that it stands on the brush or brush without dripping. The mixture remains workable for the next 45 minutes. The material is applied in 3 coats, 1mm thick each. Allow

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one or two hours 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 a minimum of 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 Material 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
Toxic	No
Bulk density of dry mortar	1,10±0,05kg/lt
Bulk density of fresh mortar	1,60±0,05kg/lt
Maximum grain size	0,6mm
Water requirement	1.5 lt water in 5kg mortar
Application temperature	From +5 °C to +35 °C
Temperature resistance	From -20 °C to +70 °C
Pot life	45 minutes
Coat thickness	1mm/ coat
Water tightness per DIN 1048*	To water pressure of up to 7atm (kg/cm <sup>2</sup> )

### ΕΠΙΔΟΣΕΙΣ ΠΡΟΪΟΝΤΟΣ

Permeability S <sub>D</sub> to CO <sub>2</sub> , per EN 1062-6	S <sub>D</sub> > 50m
Water vapour permeability S <sub>D</sub> , per EN ISO 7783-2	S <sub>D</sub> < 5m (class I, water vapour permeable)
Capillary water absorption w, per EN 1062-3	w ≤ 0,10kg/m <sup>2</sup> ·h <sup>0.5</sup>
Adhesion to concrete, per EN 1542	≥ 1,20N/mm <sup>2</sup>
Impact resistant per EN ISO 6272-1	50Nm (class III)
Reaction to fire after application per EN 13501-1	Euroclass A1

\*Laboratory testing by the Ministry of Environment & Buildings 516868/872, KDEP 530/58899

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