

# DUROSTICK D-6



Fiber-reinforced cement screed, for thicknesses from 2-5cm/coat



## PROPERTIES

Factory made and ready mixed, fiber reinforced, levelling cement screed. Just by adding water, create an easy to use mortar that is worked efficiently and applied smoothly. It spreads effortlessly, due to its excellent rheological properties, making it necessary for all pitching and levelling works, for any kind of flooring installation project. DUROSTICK D-6 will not corrode pipes (like traditional screeds do), nor will it crack. It has high mechanical strengths and it is resistant to frost and moisture.

Classified CT-C20-F4-AR4-A1fl per EN 13813 (CERECO No. 137A / 2009).

## APPLICATIONS

DUROSTICK D-6 is ideal as a substrate, before laying tile and/or marble, hardwood flooring and carpet as well as microcemento (pressed cement screed), indoors and out. Due to its high industrial quality it is the ideal solution and constitutes an absolute necessity when it is difficult to locate good quality aggregates (washed beach or river sand of appropriate grain size).

## USE

### Surface preparation

All substrates must be clean, free of loose materials, dust, grease and oils, and must be thoroughly soaked before application.

### Application

In a clean container with 4.5-5.0lt of cool water, empty the cement screed and mix with a low rpm electric mixer or use a clean cement mixer. Apply the product in the same manner you would apply concrete. For radiant heating applications, add DUROSTICK ACRYLIC EMULSION or D-20 in the mixing water, at a 1:1 ratio.

This practice will increase DUROSTICK D-6 flexibility, which is necessary for this application.

### CONSUMPTION

14kg/m<sup>2</sup>/cm thick coat.

### CLEANING

Clean all tools and equipment with water, immediately after use.

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## **STORAGE**

Store in factory sealed packages, in dry and shaded places for a minimum of 12 months after 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.

## **PACKAGING**

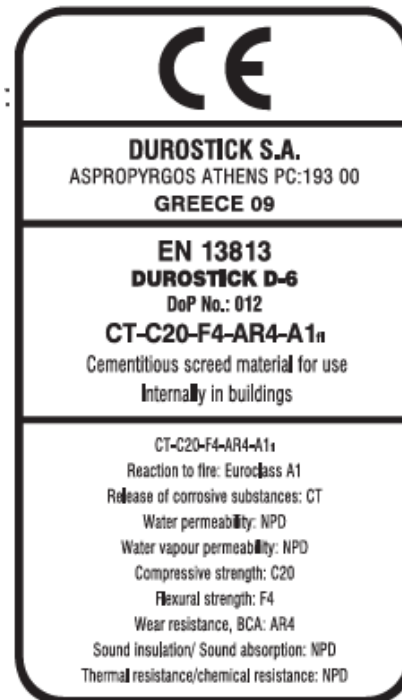
Paper bag of 25kg on 1,500kg pallet

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TECHNICAL SPECIFICATIONS (Measurement conditions 23°C and 50% R.H.)	
Form - Color	Fiber reinforced cementitious
Toxic	No
Maximum grain size	5 mm
Bulk density of dry mortar	1.45±0.05 kg/lt
Bulk density of fresh mortar	1.90±0.05 kg/lt
Water requirement:	4.5lt water in 25kg mortar
Application thickness	2-5 cm
Pot life	2 hours
Application temperature	From +5°C to +35°C
Temperature resistance	From -20°C to +80°C
Foot traffic	After 12 hours
Tile installation	After 4-6 days
PRODUCT PERFORMANCES	
Flexural strength, per EN 13892-2, after	
28 days	5.00±0.50 N/mm <sup>2</sup>
Compressive strength, per EN 13892-2, after:	
24 hours	4.50±1.50 N/mm <sup>2</sup>
7 days	15.00±1.00 N/mm <sup>2</sup>
28 days	22.00±1.00 N/mm <sup>2</sup>
Adhesion strength, per EN 13892-8, after	
28 days	≥ 0.80 N/mm <sup>2</sup>
Wear resistance BCA per EN 13892-4	400±80 µm
<i>Experimental measurements were performed according to EN 13813 at the DUROSTICK</i>	



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