

# DUROSTICK D-10



Adhesive mortar for aircrete building materials



## PROPERTIES

High quality white cementitious mortar, reinforced with synthetic resins and special additives. Distinguished for its strong adhesion, and resistance to moisture and frost. Ensures high initial and final bonding strength on the walls it is used.

## APPLICATIONS

DUROSTICK D-10 adhesive mortar is suitable for all types of aircrete blocks. Use it to construct interior and exterior walls. Its special formula makes it suitable for filling joints and spackling damaged sections on the surface of aircrete blocks.

## USE

### 1. Surface preparation

The aircrete blocks must be clean, free from dust and soaked lightly during the summer months.

### 2. Application

Empty 25kg of D-10 mortar in a clean container with 6.5-7lt of cool water. Mix with a low-rpm drill until a lump free, homogeneous mass is created.

Allow for the mixture to mature for 5-10 minutes, stirring periodically, without adding extra water. Apply the mixture with a gauging trowel and spread evenly with a notched trowel. Install the aircrete blocks in the desired position within 5-10 minutes.

## USEFUL TIP

Spackle the surface using the white polymeric cementitious putty, DUROSTICK GRANULAR in thickness up to 2cm per layer, to ensure high adhesion and resistance to moisture. Achieve 100% evenness of the wall surfaces, without the necessity of plastering. Create a perfect finish without adding extra weight while preventing the risk of future bursting. Once dry, surfaces are ready for priming and painting.

## CONSUMPTION

15-20kg/m<sup>3</sup> of aircrete.

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## STORAGE

Store in the factory sealed packages, in dry and shaded places for at least 12 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.

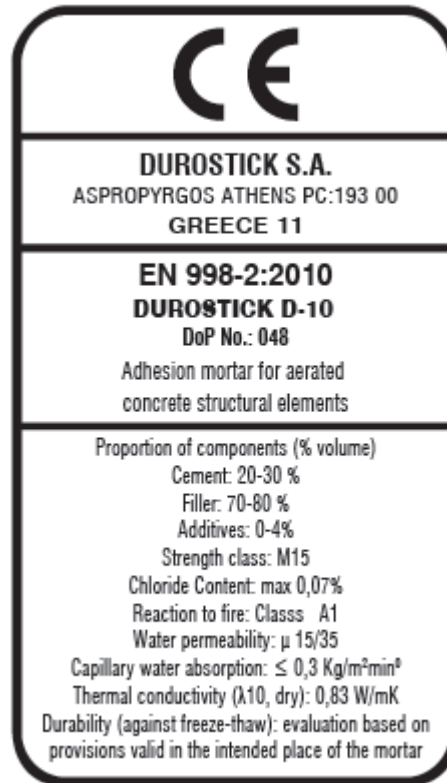
## NOTE

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

## PACKAGING

Paper bag of 25kg on 1,500kg pallet

<b>TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 65% R..H.)</b>	
<b>Form - Color</b>	Cementitious mortar - White
<b>Toxic</b>	No
<b>Maximum grain size</b>	0.6mm
<b>Bulk density of dry mortar</b>	1.50±0.05kg/lt
<b>Bulk density of fresh mortar</b>	1.92± 0.05kg/lt
<b>Application temperature</b>	From +5°C to +35°C
<b>Temperature resistance</b>	From -30°C to +90°C
<b>Water requirement</b>	6.5lt water in 25kg mortar
<b>Maximum application thickness</b>	Up to 8mm
<b>Pot life</b>	At least 4 hours
<b>PRODUCT PERFORMANCES</b>	
<b>Strength after 28 days, per EN 1015-11, to:</b>	
• flexion	4.95±0.50 N/mm <sup>2</sup>
• compression	17.00±1.00 N/mm <sup>2</sup>
<b>Strength after 28 days, per EN 1015-12:</b>	
• Adhesive	≥ 0.80±0.10 N/mm <sup>2</sup>
<b>Capillary water absorption (c),per EN 1015-18</b>	≤ 0.30kg/m <sup>2</sup> min0.5
<b>Reaction to fire, per EN 13501-1</b>	Euroclass A1



## DUROSTICK S.A.

MANUFACTURING OF ADHESIVES, PAINTS & MORTARS  
 ATHENS: ASPROPYRGOS, ATTICA, GR: 193 00, Tel: +30 211 60 03 500-599, +30 210 55 16 500, +30 210 55 98 350, Fax: +30 210 55 99 612  
 THESSALONIK: INDUSTRIAL PARK-SINDOS, S.B. 44, STREET, DA 0, GR: 570 22, Tel: +30 2310 795 797, +30 2310 797 365, Fax: +30 2310 797 367  
 E-mail: [info@durostick.com](mailto:info@durostick.com)