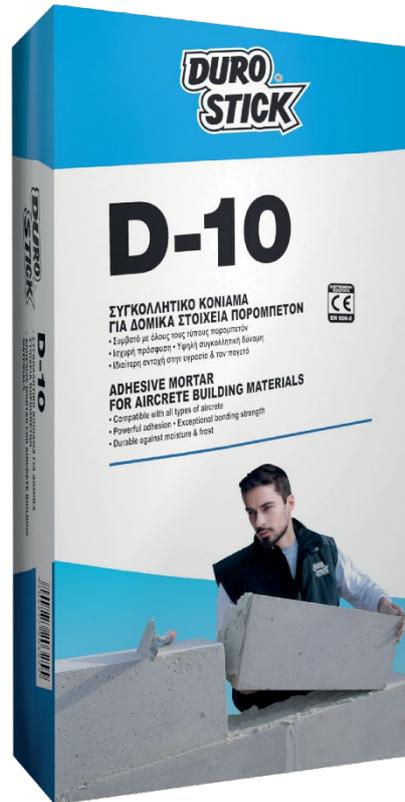


D-10



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. Classified as general purpose masonry mortar per EN 998-2.

■ 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 mortar into a clean container with 6.5-7lt of cool water. Mix with a low-rpm electric mixer until a lump free, homogeneous mass is created.

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

■ USEFUL TIP

Spackle the surface using the white resinous cement paste GRANULAR of DUROSTICK in thickness up to 2cm per coat, 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

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of future bursting. Once dry, the surfaces are ready for priming and painting.

■ CONSUMPTION

15-20kg/m³ aircrete.

■ STORAGE

Store in the factory sealed packages, in dry and shaded places for 12 months from production date.

■ SAFETY DIRECTIONS

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

■ PACKAGING

Paper bag of 25kg on 1.500kg pallet

TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 65% R.H.)	
■ Form - Color	Cementitious mortar - White
■ Maximum grain size	0.6mm
■ Bulk density of dry mortar	1.50±0.05kg/lt
■ Bulk density of fresh mortar	1.90±0.05kg/lt
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -30°C to +90°C
■ Water requirement	6.5lt water for 25kg mortar
■ Application thickness	Up to 8mm
■ Pot life	Approximately 4 hours

PRODUCT PERFORMANCES	
■ Strength after 28 days, per EN 1015-11, to:	
• flexion	4.95±0.50 N/mm ²
• compression	17.00±1.00 N/mm ²
■ Strength after 28 days, per EN 1015-12:	
• Adhesive	≥ 0.80±0.10 N/mm ²
■ Capillary water absorption (c), per EN 1015-18	≤ 0.30kg/m ² min ^{0.5}
■ Reaction to fire	Class A1

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The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.