

Acc Fix 312 Aerated Concrete

Construction Chemicals > Waterproofing Products > Autoclaved Aerated Concrete (AAC) Adhesive Mortar



Description: ACC Fix 312 Aerated Concrete is a cement-based, single-component, polymer-modified, high-performance adhesive mortar for aerated concrete.

■ Fields of Application

- Indoors and outdoors
- Used for laying building elements with high water absorption rates, such as aerated concrete and bricks

■ Advantages

- Provides good performance with high adhesion
- Offers ease of use with adequate working and open times
- Saves time and labor compared to traditional mortar
- Does not dry quickly

📄 Surface Preparation

The surface to be applied must be free from oil, dirt, rust, and all loose materials.

📄 Preparation of Mortar

25 kg of ACC Fix 312 aerated concrete adhesive is mixed with approximately 6-8 liters of clean water using a low-speed mixer or trowel to prevent lumps. The prepared mortar should rest for 5-10 minutes and then be mixed again before use. The mixture should be used within 1 hour.

📄 Application

The areas where the first row of aerated concrete meets the concrete should be pre-moistened, and the first row should be laid level. The prepared mortar should be applied to horizontal and vertical surfaces using a notched trowel. Joint thicknesses should not exceed 3 mm. The placed aerated concrete block should be settled by tapping with a plastic mallet from the top and side. During the laying process, the junctions of columns and walls with aerated concrete blocks should be secured with ACC Fix 312.

📄 Precautions

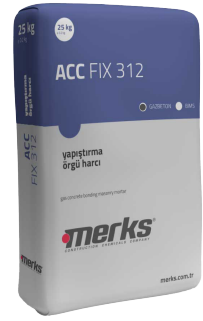
- The application area should be protected from direct sunlight, wind, rain, and frost
- Do not add water or powder to mortar that has exceeded its working time
- At the end of the application, all tools used should be washed with water

📄 Storage Life

At least 12 months in unopened packaging, protected from frost.

📄 Packaging

25 kg PE-reinforced kraft bags.



TECHNICAL DATAS

Composition	Mineral fillers, polymer-modified additives, and cement
Appearance	Grey powder
Application Temperature	(+5°C) - (+35°C)
TPowder Unit Volume Weight	1,60 kg/l
Wet Unit Volume Weight	1,75 kg/l)
Rest Time	5 - 10 dakika
Adjustability Time	15 minutes
Pot Life	2,5 - hours
Compressive Strength	$\geq 2,5 \text{ N/mm}^2$
Capillary Water Absorption Value	$\leq 0,1 \text{ kg/m}^2\text{h}^{0,5}$
Water Vapor Permeability	Class I; $S_d < 5$ (Sd: Equivalent air layer thickness)
Shelf Life	12 months in unopened packaging in a dry environment