



BOARD ADHESIVE MORTAR

Product Description

It is a cement based, polymer modified adhesive mortar used for bonding heat insulation boards (XPS, EPS, Rock wool, etc.) to surfaces.

Areas of Use

- Residential buildings, hospitals, shopping centers, etc.
- In interior and exterior spaces
- Used for bonding heat insulation boards on reinforced concrete, brick, and gas concrete.

Features and Benefits

- Easy to apply and shape.
- Long lasting.
- Shows high resistance to climate conditions.

Surface Preparation

Surfaces must be clean, sound, free of all kinds of dust, oil and grease like substances that may prevent adhesion. The surface to be applied must be free of loose, weak parts. Surface temperature during application must be above +35 °C. Empty places on the surface should be repaired with appropriate IKS repair mortars.

Application Instructions

25 Kg of IKS Heat Insulation Board Adhesive Mortar is mixed with 6-6.5 liters of water at an ambient temperature between +5 °C and +35 °C until a homogeneous mixture is obtained. After the prepared mortar is left to rest for 3-5 minutes, it is mixed again for 1-2 minutes before application. The mortar is applied to the insulation board in a way that no gaps remain, then the board is bonded to the surface with the adhesive. Dowel application should be done according to ambient temperature and surface conditions. The prepared mortar should be used within 2 hours.

Appearance	Gray colored powder
Mixing Ratio	6-6.5 lt water / 25 kg powder
Consumption	4-5 kg / m ²
Application Temperature	Between +5°C and +35°C
Open Time	15 minutes
Pot Life	2 hours
Adhesion Strength to Heat Insulation Board	≥ 0.08 N/mm ²
Adhesion Strength to Substrate	≥ 0.5 N/mm ²
Flexural Strength	≥ 2 N/mm ²
Compressive Strength	≥ 6 N/mm ²
Fresh Mortar Unit Mass	≥ 1000 kg/m ³
Water Absorption	30dk ≤ 5 g, 240dk ≤ 10 gr
Reaction to Fire	A1