



## 1000 ABRBOARD ADHESIVE

Processed cement used for bonding foam materials.

### Places of Usage

- Insulation boards / xps-eps boards
- Bricks
- Gas concrete
- Thermal insulation boards
- High strength
- Thermal shock resistance
- On interior and exterior walls
- Concrete and bricks

### Application Directions

a) Surface Preparation: Take care that the application surface should be solid, dry, carrier, dust-free and clean and at the same time in balance. The surface should be thoroughly cleaned of all kinds of oil, grease, rust and paraffin residues that will weaken the adherence and there should be no loose particles on the surface. Damaged surfaces with a depth of 5 to 20 mm should be repaired with ABR Repair Mortars two days in advance. If the temperature of the surface to be applied is above + 25°C, the surface should be moistened.

### b) Product Preparation:

The water in appropriate amount is poured into the clean mixing vessel with a scale. 1000 ABR is added slowly and mixed with a 400-600 rpm mixer for 3-5 minutes until a uniform and lumpfree mixture is obtained. After resting for 3-5 minutes and mixing again for 30 seconds, the material is ready for use.

### c) Application Method:

The mortar should be aged for 10 minutes before use ABR1000 should be applied all over the insulation board Leaving 5 mm of space at the edges around the board. Three large portions of the product should be placed on the section in the middle in a dotted manner. It should be noted that 40% of the surface of the insulation boards should be coated with the bonding material. Which should be placed excessively in the joints and prevent them from acting as a conductor The insulation boards should be placed close to each other and the gaps between the boards should be as small as possible to prevent heat transfer



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### Issues to be Considered

- Avoid application at temperatures below +5°C and above +35°C.
- Pay attention to the amount of water added to the mortar. Do not add more water than necessary.
- Avoid application in areas that are frozen , at risk of freezing within 24 hours or exposed to direct sun and wind.
- Never add water and powder to the mortar that has expired.
- As it is cement based, do not breathe powder, do not contact skin and eyes. For further information refer to the Safety Data Sheet.
- The amount of consumption indicated is general information.

### Cleaning of Tools:

Tools and equipment used should be cleaned with water after the application . 1000 ABR can only be removed mechanically from the surface after hardening.

### Security Warnings

- S2 Keep out of the reach of children.
- S24/25 Avoid contact with eyes and skin.
- S26 In contact with eye, wash with water and consult a doctor.
- S28 In contact with skin, wash immediately with plenty of water.
- S29 Do not empty into drains.
- S46 If swallowed, consult a doctor immediately and show box or label.

### Storage

It should be stored in unopened original package in a cool and dry environment by protecting from frost. For short -term storage , maximum 3 pallets should be placed over and over and the shipment should be made with first in first out system . For long -term storage, pallets should not be placed over and over. It can be stored for 12 months from the date of production if proper storage conditions are met . Opened packages should be kept tightly closed and stored under proper storage conditions and should be used within one week.

### Consumption

Average 4-5 kg/m<sup>2</sup>

### Package

In 25 kg kraft bags. (64 kraft bags / Pallett)

C: Cement based

1 : Normal hardening (Standard performance),

T: Reduced slip property

E: Prolonged working time



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## TECHNICAL SPECIFICATIONS

(23 °C and 50% Relative Humidity)

### GENERAL INFORMATION

#### APPEARANCE

Gray and white powder

#### Shelf Life

12 months in unopened package in dry environment

### APPLICATION INFORMATION

#### Application Temperature

(+5 °C) - (+35 °C)

#### Mixing ratio

6-7 lt water / 25 kg powder

#### Pot Life

4 hours

#### Slip (EN 1308)

≤ 0,5 mm

#### Open Waiting Time (EN 1346)

0,5 N/mm<sup>2</sup> after at least 30 min

#### Getting Into Use Time

24 hours on wall - 2 days on floor

#### Consumption

Average 4-5 kg/m<sup>2</sup>

### PERFORMANCE INFORMATION

#### Adhesion Strength (EN 1348)

##### - Initial

≥ 0,5 N/mm<sup>2</sup>

##### - After Water Immersion

≥ 0,5 N/mm<sup>2</sup>

##### - After Become Wet With Heat

≥ 0,5 N/mm<sup>2</sup>

##### - After freeze-thaw cycles

≥ 0,5 N/mm<sup>2</sup>

#### Temperature Resistance

(-40 °C) - (+80 °C)

#### Dangerous Goods (EN 12004)

See Safety Data Sheet.

#### Reaction to Fire

A1