



1002 ABR SUPER

Tile and Ceramic Adhesive
It is a cement based, small and medium sized tile and ceramic adhesive mortar with reduced slip, long working time.

Places of Usage

- Indoors and outdoors,
- Vertical and horizontal surfaces,
- For adhesion of small size floor and wall ceramic, mosaic and similar materials with water absorption rate above 3%,
- Used for bonding on tiles, ceramics, bathrooms. Features / Advantages
- Easy to apply.
- It has long penetrating time, saves time and labour.
- Allows long-term correction of bonded plates.
- It is resistant to water and frost.
- It provides high stability and does not sag in vertical applications.
- Provides top down laying.

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. 1002 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:

1002 ABR layer of 1 mm thickness is applied to the application surface with the flat side of the trowel. 1002 ABR is applied in one direction in such a way that a uniform thickness is obtained with the toothed side of the trowel to an area that can be covered within 30 minutes, open waiting time. For the bonding of tiles or ceramics with different thicknesses, it is recommended to apply 1 mm thick mortar under each tile or ceramic in order to cover the defects on the application surface. When applying tiles or ceramics in place, the tiles or ceramics are floated in the mortar to ensure that the 1002 ABR is fully in contact. Application is completed by leaving the recommended joint gap according to the appropriate tile or ceramic size.



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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 . 1002 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/m²

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/mm² after at least 30 min

Getting Into Use Time

24 hours on wall - 2 days on floor

Consumption

Average 4-5 kg/m²

PERFORMANCE INFORMATION

Adhesion Strength (EN 1348)

- Initial

≥ 0,5 N/mm²

- After Water Immersion

≥ 0,5 N/mm²

- After Become Wet With Heat

≥ 0,5 N/mm²

- After freeze-thaw cycles

≥ 0,5 N/mm²

Temperature Resistance

(-40 °C) - (+80 °C)

Dangerous Goods (EN 12004)

See Safety Data Sheet.

Reaction to Fire

A1

