



7001 ABR RP

Repair Mortar
Cement based, single component,
polymer reinforced, fine/thick aggregate,
non-structural surface repair and
smoothing mortar.

Places of Usage

• It is used as a concrete repair mortar on floors, walls and ceilings of all buildings, indoors and outdoors. It is used in repairing surfaces and chamfering applications before granite and ceramic application.

Features / Advantages

- It gains high adhesion and strength after application.
- High resistance to dynamic loads.
- Resistant to impact and vibration.
- Resistant to water and frost.
- Easy to prepare and apply.

Application Directions

a) Surface Preparation:

The surface should be dry, clean, sound and free of dust, oil, dirt or adhesion preventive materials. The surface should be cleaned from the surface and materials such as mortar and cement residues should be scraped. After the surface cleaning, the surface should be primed with primer as a single layer to increase the adhesion strength and balance the surface absorbency and should be allowed to dry for 1 -2 hours. In order to increase the adhesion strength before application on exposed concrete surfaces, the surface should be primed with exposed concrete primer as a single layer and allowed to dry for a minimum of 3 hours.

b) Product Preparation:

25 kg ABR REPAIR MORTAR is added into 5 - 6 liters of clean water and preferably mixed with a low speed mixer so that no lumps remain. The prepared mortar is left to mature for 5-10 minutes and mixed again for 1-2 minutes. The mixture in the container should be consumed within 30 minutes.

c) Application Method:

ABR REPAIR MORTAR should be applied on all surfaces to be repaired or leveled using steel trowel with equal thickness. After application, the surface should be polished with a damp sponge. If two coats are to be applied, wait 2-3 hours between coats and the first coat should be moistened in the second coat application.



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Issues to be Considered

- Avoid application at temperatures below +5°C and above +35°C.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours or exposed to direct sun and wind.
- Never add powder and water to the mortar that has expired.
- After the application, keep the surface moist until the mortar hardens.
- Do not apply on gypsum, ready colored plaster, paint and exterior siding.

Cleaning of Tools:

Tools and equipment used should be cleaned with water after the application, abr repair mortar 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

The recommended amount of consumption for 2 mm thickness at 1 m² 3,4 - 3,7 kg. This value may vary depending on surface and ambient conditions.

Package

20 kg kraft bags. (64 kraft bags / Pallet)



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TECHNICAL SPECIFICATIONS

(23 °C and 50% Relative Humidity)

GENERAL INFORMATION

Appearance	Gray powder
Chemical structure	Cement based, polymer added repair mortar
Shelf Life	12 months in unopened package in dry environment

APPLICATION INFORMATION

Dry Density	1,40 ± 0,1 gr/cm ³
Mortar Density	1,75 ± 0,1 gr/cm ³
Grain Size	≤ 600 µm
Pot Life	Max 30 min.
Application Thickness	2-20 mm
Applicable Floor Thickness	Max 10 mm (In one coat)
Time for Second Layer Thickness	2-3 hours
Opening Time for Traffic	Min 24 hours
Compressive Strength	≥ 15 MPa (R2)
Created Bond By Bonding	≥ 0,8 Mpa
Restricted Shrinkage / Expansion	≥ 0,8 MPa