



1006 ABR SUPERFLEX

FLex Granite Adhesive
It is S1 Class flexible, cement based granite adhesive mortar with high performance, reduced slip property, long working time.

Places of Usage

It gives excellent results;

- Horizontal and vertical applications in indoor and outdoor,
- Bonding of ceramic, granite, marble, porcelain, natural stone, glass mosaic and pressed bricks to cement based surfaces subject to temperature differences,
- After priming the surfaces affected by temperature changes such as gypsum-plaster board, gypsum-plaster, heat-gas concrete with Termatect Plaster , bonding of ceramic, granite, marble, natural stone and glass mosaic on it,
- In wet areas such as swimming pools, water tanks, bathrooms, etc, floor heating floors, heated pools, thermal pools, swimming pools where water is not drained in winter,
- Wall and floor coverings of cold storage depots,
- In ceramic and granite bonding works on the facades of buildings, renovation and repair works, and ceramic bonding works on ceramics.

Features / Advantages

- It has long penetrating time.
- Easy to prepare and apply.
- Does not slip in vertical applications.
- Resistant to freeze-thaw cycle.
- Resistant to stresses and vibrations caused by temperature differences.

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. On Plaster Based Surfaces, ABR Plaster is applied on gypsum-paper board, gypsum-plaster, gas concrete, lime stuff and chipboard with high absorbency. Adhesion can be started 5 minutes after the primer application. Wood Particleboard Surfaces (OSB and Chipboards), Wood particleboards should contain a maximum moisture content of 10%. Wood particleboard (V100) applied to the floors should be minimum 25 mm and 19 mm for the walls. The boards should be screwed to the surface at 30 cm intervals. The edge joint must be at least 8 mm wide. At the joints of the chips, grooves should be opened and filled with Joint Sealant. Wood paperboards should be primed with Plaster in dry environments. If the boards are in place that exposed to moisture (exterior), it is applied with Fully Flexible Waterproofing Material in two layers and mesh reinforced.



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b) Product Preparation:

The water in appropriate amount is poured into the clean mixing vessel with a scale. 1006 ABR is added slowly and mixed with a 400-600 rpm mixer for 3-5 minutes until a uniform and lump-free mixture is obtained. After resting for 3-5 minutes and mixing again for 30 seconds, the material is ready for use.

c) Application Method:

1006 abr superflex layer of 1 mm thickness is applied to the application surface with the flat side of the trowel. ABR SUPERFLEX 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 ABR SUPERFLEX is fully in contact. Application is completed by leaving the recommended joint gap according to the appropriate tile or ceramic size. Termatect Joint Fillings should be used to fill the left joint gaps. Joints can be applied after approximately 24 hours.

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

Security Warnings

- S2 Keep out of the reach of children.
- 524/25 Avoid contact with eyes and skin.
- S26 In contact with eye, wash with water and consult a doctor.
- 528 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.

Consumption

Average 4-5 kg/m²

Package

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

C : Cement based

2 : High performance

T : Reduced slip property

E : Prolonged working time

S1 : Flexible



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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) - (+25 °C)

Mixing ratio

6-7,5 lt water / 25 kg powder

Pot Life

4 hours

Slip (EN1308)

≤ 0,5 mm

Open Waiting Time (EN 1346)

0,5 N/mm² after at least 20 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

≥ 1 N/mm²

-After Water Immersion

≥ 1 N/mm²

-After Become Wet With Heat

≥ 1 N/mm²

-After freeze-thaw cycles

≥ 1 N/mm²

Temperature Resistance

(-20 °C) - (+80 °C)

Dangerous Goods (EN 12004)

See Safety Data Sheet

Reaction to Fire

A1

