



1015 ABR ULTRAFLEX

Ultra Flex Granite Adhesive
It is S2 Class very flexible, cement based adhesive mortar with high performance, reduced slip property, long working time.

Places of Usage

It gives excellent results;

- In horizontal and vertical applications in indoor and outdoor,
- Bonding of ceramic, granite, cotto, press brick, porcelain, glass mosaic, marble, natural and composite stones on all kinds of ground, (cement based surfaces, concrete, precast concrete elements, plaster, etc.)
- As an adhesive after priming of particleboard, OSB, PVC and metal floors (indoors only) with Termatect Plaster
- After priming the surfaces affected by temperature changes such as gypsum-plaster board, gypsum-plaster, heat-gas concrete with Termatect Plaster, bonding of ceramic 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 exteriors of buildings, renovation.

Features / Advantages

- High adhesion strength.
- Thanks to its S2 class flexibility, it is resistant to surface stresses caused by sudden heat changes.
- Resistant to all kinds of climatic conditions.
- Does not slip in vertical surface applications.
- It has long working time.
- Easy to comb.

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 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, 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. PVC Based Surfaces,

The existing PVC coating must be firmly adhered to the floor. All adherence reducing materials should be cleaned from the surface and the surface should be roughened with sandpaper and primed with ABR Plaster. On Metal Surfaces, Interior metal surfaces (steel, aluminum, etc.) must be fixed in such a way that they do not move. The surface should be free of adherence reducing materials such as rust, dirt, dust and oil and primed with Primer. Wood Particleboard Surfaces (OSB and Chipboards), Wood particleboards should contain a maximum moisture content of 10%.



1015 ABR ULTRAFLEX

Ultra Flex Granite Adhesive
It is S2 Class very flexible, cement based adhesive mortar with high performance, reduced slip property, long working time.

b) Product Preparation:

The water in appropriate amount is poured into the clean mixing vessel with a scale. ABR 1015 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:

ABR 1015 layer of 1 mm thickness is applied to the application surface with the flat side of the trowel. ABR 1015 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 1015 is fully in contact. Application is completed by leaving the recommended joint gap according to the appropriate tile or ceramic size. ABR 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 1015 can only be removed mechanically from the surface after hardening.

Security Warnings

- 52 Keep out of the reach of children.
- S24/25 Avoid contact with eyes and skin.
- 526 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.
- 546 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

S2 : Very Flexible



1015 ABR ULTRAFLEX

Ultra Flex Granite Adhesive
It is S2 Class very flexible, cement based adhesive mortar with high performance, reduced slip property, long working time.

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

6-7,5 lt water / 25 kg powder

Pot Life

4 hours

Slip (EN1308)

≤ 0,5 mm

Open Waiting Time (EN 1346)

1 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

