

**Description**

Acrylic dispersion based, high performance, elastic ready paste type adhesive with extended working time and reduced slip.

**Advantages**

- Free of phenolformaldehyde and solvents,
- Has high adhesion strength,
- Resistant to water and moisture,
- Flexible, resistant to temperature changes,
- Easy to apply,
- Resistant to mildew and moisture,
- Does not crack, wear, swell and swell.

**Application substrates**

- To horizontal and vertical surfaces indoors, vertical and absorbent surfaces outdoors, flexible dry and smooth floors such as gypsum board, cement board, plywood, chipboard, mdf, solid and wood; bonding tile, ceramic, porcelain, tile, natural and artificial stone, decorative ceiling and wall panels,
- Bonding of thermal insulation boards,
- Ceramic-on-ceramic bonding applications,
- Bonding of wooden building elements,
- Used for sticking all types of ceramics indoors on difficult surfaces exposed to flexing on the floor and wall.

**Application limits**

|                         |                 |
|-------------------------|-----------------|
| Application Temperature | +5 °C / +35 °C  |
| Service temperature     | -30 °C / +80 °C |
| open time               | Max. 30 minutes |
| Grouting time           | 24-48 hours     |
| Full drying time        | 7-10 days       |

\* At 20 °C and 65 % relative humidity, depending on the type of floor covering and the absorbency of the substrate.

**Substrate preparation**

The application surface must be clean, free from oil and dirt. It should be ensured that there is no loose layer on the surface to be adhered, and if there is, it should be repaired with Hammerfast RM-150 repair mortar. When applying on painted floors, the durability of the paint should be checked, the swelled parts should be scraped, and the application should be made after the necessary repairs are made.

**Application**

Before starting the application, the product is thoroughly mixed and spread on the surface with the flat part of the trowel in order to achieve a good adhesion, and then combed with a notched trowel suitable for the size of the material to be adhered. The bonding process should be carried out within a maximum of 30 minutes. The material to be adhered to the combed mortar should be bonded with a rubber hammer or by applying force. Point or linear application should be made in the bonding of heat and sound insulation boards. It should be ensured that the adhesive touches at least 80% of the back side of the coating materials.

**Consumption**

3-4 kg/m<sup>2</sup>.

**Technical specifications**

|                                      |                         |
|--------------------------------------|-------------------------|
| Colour                               | Cream                   |
| Appearance                           | Thixotropic             |
| Initial tensile-adhesive strength    | ≥ 1 N/mm <sup>2</sup>   |
| Pull-up after immersion. resistant   | ≥ 0,5 N/mm <sup>2</sup> |
| Pull-out after heat aging. cardboard | ≥ 1 N/mm <sup>2</sup>   |
| Pull after freeze-thaw. resistant    | ≥ 1 N/mm <sup>2</sup>   |
| Slip                                 | ≤ 0,5 mm                |

**Points of attention**

- The product is ready for application and do not add water or any other foreign substance to the product.
- Do not apply on very humid and wet surfaces.
- Max. The application must be completed within 30 minutes.
- After the application, contact with water should be avoided during the final drying period.
- The material contaminated on the coating surface during the application should be cleaned immediately before it dries.
- The ambient temperature during the application should be between +5 °C and +35 °C
- The drying time of the product may vary seasonally.
- Working and drying time of the product can be shortened in applications made in unsuitable ambient conditions such as high temperature, low humidity, wind.
- In systems with underfloor heating, heating must be turned off before application.
- During application, it should be protected from direct sunlight, air currents and frost.
- Stir the product occasionally during operation.
- Recommended to use cement based adhesive mortars for large sized products with low absorbency.

**Safety Precautions**

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Material Safety Data Sheet (MSDS) for further safety information.

**Storage and shelf life**

12 months from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment, away from direct sunlight and temperature between +10 °C and +35 °C. Packages should be kept tightly closed when not in use. Packages should be protected against frost.

**Packing**

1, 5, 15 ve 25 kg plastic bucket

**Cleaning of tools**

After the application, wash all equipment used before drying with warm water.

**Quality certificates**

- ISO 9001:2015

