





-  TILE ADHESIVES
-  COLLANTI PER PIASTRELLE
-  COLLES POUR CARRELAGES
-  KLEJE DO PŁYTEK



MONOTACK® SR

Tile Adhesive
CE marked according to EN 12004
class C1

Description

MONOTACK SR is a single-component tile adhesive made up of cement, sand of selected granulometry and special additives.

It shall be prepared by mixing with the only addition of water at the time of installation.

In this phase, the product is transformed into an easily workable, high adhesion and thixotropic mortar of outstanding open time characteristics and once fully cured, it exhibits good resistance to atmospheric agents (water, ice and salt) and adhesion on cement-based screeds/substrates.

MONOTACK SR is classified as class **C1** adhesive **according to EN 12004** since it is a normal (1) cementitious adhesive (C).

Where to Use

Types of Substrates

MONOTACK SR can be used:

- on wall over exterior render;
- on floor over sand and cement-based screeds sufficiently cured (e.g.: 45 days for 6 cm thick screeds).

Types of tiles:

- single-and double-fired ceramic tiles;
- mesh-backed ceramic mosaics.

Do not use:

- on concrete;
- on substrates with excessive shrinkage-expansion movement (such as wood, metal, etc.);
- on cellular concrete and radiant floors;
- on non-absorbent mosaics.

Application

Substrate Preparation

- on all substrates perform a thorough cleaning with the utmost care, eliminating all loose parts, oils, grease, paint and any other thing could prevent a proper adhesion of the adhesive;
- ensure that substrates do not suffer from rising damp phenomena;
- reinforce all existing deeply chalking surfaces with a product like NORPHEN FONDO IGRO; if instead chalking is only superficial, reinforce applying 1 coat of NORPHEN SW SOLID appropriately diluted with water in the ratio 4:5;
- to smooth any interior wall surfaces use RASANTE 1100 or 1200 and on the interior floor surface use the smoothing compounds LEVEL FINO for thicknesses up to 10 mm and LEVEL HB for thicknesses up to 30 mm.
- gypsum, anhydrite and gypsum boards should be pre-treated applying a coat of RICRETE 1C.

Mixture Preparation

- pour the mixing water (6 litres per bag) in a suitable container and enter MONOTACK SR;
- mix with a low revolutions mixer (500 to 600 rpm) until an homogeneous mixture free of lumps is achieved;
- allow to stand for approx. 7-10 minutes, then re-mix another time and the adhesive dough is ready to be used.





How to lay the mixture

Depending on the type of tile and the type of substrate an appropriate notched trowel shall be chosen.

First of all, however, the adhesive should be spread on the surface in a thin, even layer using the smooth side of the trowel for uniform absorption and, above all, to take full advantage of the product open time.

Tile Installation



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If the material does not produce dust in the contact area, there is no need to wet it; proceed with the tiles installation, making sure to press them (even using a rubber hammer) in order to facilitate the contact with the adhesive and wetting an area as large as possible.

On tiles larger than 25x25cm apply a double spread coating during exterior tile installation if frequent winter frosts is expected.

Checking the Mixture

As you lay down the mix, make sure no film forms on the surface, especially if you are working in a hot and windy weather: in case of need, apply a little amount of fresh adhesive e mix it all again without adding water.

How to Clean the Tools

Any fresh adhesive shall be removed from tools with water. Once it has hardened this product can be removed only by mechanical means.

Coverage

Coverage can vary from 2 to 5 kg/ m² or more, depending on both the material to be laid and the substrate type.

Do not exceed, in any case, the 7÷8 kg/m².

Special Warnings and Instructions

- **Do not apply** any type of adhesive on screeds that are too hot due to the extremely hot summer temperature: wet with water to lower the temperature and proceed with the installation preferably in the afternoon.
- Do not apply any adhesive to surfaces that are frozen or are expected to freeze in the next 24 hours.
- **Do not apply** the adhesive directly on substrates made of gypsum and anhydrite, but only after treating them with RICRETE 1C.
- In the case of areas subject to runoff (e.g.: bathrooms, shower rooms, etc..) coat all surfaces with BETONGUAINA before bonding the tile.
- Apply at temperatures between +5 and +35°C.
- Joints sealing: on the wall after 6 ÷12 hours, on floor after 24 hours.
- The surface will be treatable in 24÷36 hours.
- Complete Cure: 12÷15 days.

Specifications





| | | |
|--|-------------------|-----------------------|
| Consistency | | powder |
| Bulk Density, EN 1015-6 | g/cm ³ | 1.9 ± 0.1 |
| Mixing Water | % | 26.4 to 27.6 |
| Mixture life | hours | > 8 |
| open time, EN 1346 | min | 20 ± 5 |
| Adjusting Time | min | < 50 |
| resistance to compression, EN 1015-11 | after 28 days | N/mm ² 9.0 |
| flexural strength, EN 1015-11 | after 28 days | N/mm ² 3.0 |
| Tensile Adhesion Strength, UNI EN 1348 | initial (28 days) | N/mm ² 1.0 |

Note: testing methods are in accordance with the standards referred to on the table.

Packaging and storage

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|-----------|---|
| Packaging | 25 kg bag in pallets of 48 bags |
| Storage | 12 months when stored in the original unopened packaging, in a dry place at temperatures ranging from +5 ° C to +35 ° C. The product is moisture sensitive. |



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Legal notice

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