

M 73

**Paste adhesive
with null vertical slip
and extended open time
for ceramic tiles.**



Technical features

Ready-for-use paste adhesive based on acrylic resins in water dispersion, mineral charges and additives giving the product an excellent adhesiveness and deformability.

Adhesive thickness up to 5 mm.

Classification according to EN 12004, class D1TE.

Applications

- Indoor installation of ceramic tiles and mosaics of any type on absorbing substrates such as: gypsum-based renders, cement-based renders, wooden panels, gypsum and brick gypsum prefabricated blocks, gypsum board plates.
- Indoor installation of absorbing ceramic tiles on substrates such as: cast or prefabricated concrete walls (free of oily strippers).
- Installation of insulating plates on render.

Important warnings

Do not use in the following cases:

- installation of non-absorbing materials on non-absorbing substrates (use EXTRA 30 or ADEBOND LATEX EL300).
- For applications with immersion, such as swimming-pools, tanks, fountains, etc. (use ADESILAT).
- Installation of materials on metal substrates (use ADEFLEX T).
- Installation on wet substrates or anyway subject to continuous humidity.
- Installation of natural stones, above all calcareous ones (for example Carrara marble) with light colour (use EXTRA 40 RAPIDO white).

Note: M 73 setting occurs always and only by removal of the mix water due to the absorption by both or just one of the surfaces to be bonded. Thus, absolutely avoid using M 73 to bond non-absorbing materials on non-absorbing substrates.

Substrate preparation

It can be used on every type of sufficiently dry and solid traditional cementitious substrates in gypsum and scagliola (without any insulating primer). Make sure the substrates are perfectly flat, without dust or other substances such as oils, grease, waxes, etc.

Tile application

Spread evenly on the surface to be tiled by a trowel suitably notched for the material to be installed. Then, install the tiles pressing strongly on them. Usually, it is not necessary to wet the tiles; it is anyway recommended to soak them in water before the installation to remove dust on the back side or in hot periods. Protect walls from washouts for at least 10-15 days from the installation.

Grouting

Tiles can be grouted after 4-8 hours on the walls and after 24-36 hours on the floors.

For this purpose, and depending on the thickness, it is recommended to use ADESITAL joint sealants:

- FUGAMAGICA 0-4 for wall grouting with joints smaller than 2 mm, with a fine finishing.
- FUGAMAGICA 0-6 BIO for wall water-repellent grouting with joints smaller than 6 mm, with a smooth finishing.
- FUGAMAGICA 2-12 for wall and floor grouting with joints from 2 to 12 mm, with a medium finishing.
- FUGAMAGICA 3-20 BIO for wall and floor grouting with joints from 3 to 20 mm, with a coarse finishing.
- ADEPOXY two-component acid-resistant epoxy grout for wall and floor grouting with min. 3-mm wide joints.
- ADEPOXY ARREDO two-component decorating epoxy grout for wall and floor grouting with min. 2-mm wide joints.
- If higher resistance, deformability and waterproofing are required, totally replace the water with the latex IMPER 21 mixed with the FUGAMAGICA sealants.
- Flexible expansion joints must be made with ADESIL AD for ceramic and SP 308 for natural stones (see technical sheets). Expansion joints on floors subject to heavy traffic must be made with SILFLEX P.

Specifications

The indoor wall tiling shall be installed with a ready-for-use paste adhesive based on synthetic resins of class D1TE, e.g. M 73 by ADESITAL S.p.A.

Technical data (at +23°C and 50% R.H.)

Appearance	thick paste
Colour	white
Mix volume mass	1.6 g/cm ³
pH	9
Storage	24 months in the original packaging and in a dry place PROTECT AGAINST FROST
Safety	irritant Please check the information on the package and on the safety sheet.
Customs item	35069100

Application data

Application temperature	from +5°C to +35°C
Open time	40 minutes
Adjustment time	60 minutes
Ready for traffic	after 24-48 hours
Grouting	after 24 hours
Final hardening	after 7-14 days

Final performance

Dry adhesion (after 28 days)	2.0 N/mm ²
Adhesion after heating	4.0 N/mm ²
Deformability	high
Resistance to humidity	fair
Resistance to aging	excellent
Resistance to solvents and oils	poor
Resistance to acids and alkali	poor

Coverage	2-3 kg/m ²
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M 73 packages	25-12-5 kg drum
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Warning: The above indications and rules correspond to our best experience, but shall be deemed as merely indicative and shall be confirmed by exhaustive practical tests; thus, before using the product, the operator shall determine if it is suitable for its intended use and shall undertake every responsibility resulting from its use. PROFESSIONAL USE ONLY