



LATALASTIK

DS-408-0226

For the Builders of a Better World™



Advantages

- Adhesive for all types of applications — excellent for indoor, outdoor and swimming pool applications
- Available in a very white shade
- The white version contains no sand and is ideal for glass mosaic.
- Two-component — Epoxy-polyurethane resin, hardener.
- Long pot life — approximately 50 minutes
- Thixotropic and zero vertical slip — suitable for walls
- Extended open time — approx. 2 hours
- Frost-resistant — suitable for outdoor applications
- Adhesive thickness up to 20 mm
- Highly resistant to sagging
- Excellent mechanical strength
- Highly deformable and thixotropic adhesive
- Excellent workability
- Adheres to all substrates commonly used in construction
- Suitable for all natural stone, modular tiles and marble tiles reconstituted with polyester resins — does not cause deformation of water-sensitive materials
- LATALASTIK FIREPROOF version available, certified in accordance with the IMO-MED directive

Standard

- EN 12004:2017: R2 T
- ISO 9001:2015: CERT-09019-2001-AQ-BOL-SINCERT

1. PRODUCT NAME

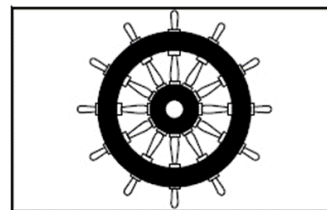
LATALASTIK

2. MANUFACTURER

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 Castelnuovo Rangone (MO), Italy
 Telephone: +39 059 535540
 Email: info@laticreteeurope.com
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3. PRODUCT DESCRIPTION

LATALASTIK is a two-component epoxy-polyurethane adhesive designed to offer maximum installation reliability on all materials sensitive to moisture and deformation. Its water-free formulation is a key advantage: it prevents stains, marks and colour changes on the most delicate marbles and avoids the deformation typical of materials reconstituted with polyester resins.



Applications

- For indoor and outdoor installations of porcelain stoneware, thin ceramic slabs, non-absorbent single-fired tiles, double-fired tiles, natural and reconstituted stones resistant to moisture, including large-format tiles and glass mosaics.
- For walls or floors
- For installation over existing tiles
- For installation over underfloor heating screeds
- For high-traffic areas
- For thin-bed and medium-bed installations, for thicknesses up to 20 mm
- For the installation of large-format tiles
- For the installation of cladding subject to constant immersion, such as swimming pools or baths.
- For the safe installation of green and white marbles and moisture-sensitive agglomerates that tend to stain or warp when installed with traditional cementitious adhesives
- For bonding marble thresholds and window sills, special ceramic pieces, and resin shower trays.

Suitable substrates

- Concrete
- Concrete blocks
- Screeds
- Heated screeds
- Gypsum screeds (interior use only) *
- Cement plaster
- Gypsum plaster (interior use only) *
- Flexible cement- and polymer-based waterproofing membranes (AQUA BARRIER and HYDROBAN ranges)
- Old tiles and stone
- Fibre cement boards
- Plasterboard (for internal use only, in dry environments)
- "Terrazzo" style tiles
- Metal (Consult the LATICRETE Technical Service before use)

*Treat beforehand with Primer Plus and Primer Superior

Maximum permitted sizes

- Interior: length of the longest side up to 360 cm
- Exterior: length of the longest side up to 120 cm
- Swimming pools: maximum side length up to 90 cm

Packaging

White

4.44 kg per kit

Coverage / Consumption

2.4–2.6 kg/m² for mosaic (3 mm trowel)

3.1–3.3 kg/m² for medium-sized tiles (6 mm trowel)

5–6 kg/m² for large formats, marble and stone slabs (double coat)

Storage

Twelve (12) months in unopened original packaging, stored off the ground in a cool, dry place. High humidity will reduce the shelf life of the bagged product.

4. TECHNICAL DATA

Physical properties

Composition:	reactive resins, aggregates, additives
Colour:	Part A: white Part B: amber liquid A+B: Very white
Flammability:	No

Performance

Classification according to EN 12004:2017:	R2 T	
	Value	Test method
Shear strength	≥ 2.0 N/mm ²	12004-2 8.5
Shear strength after thermal shock	≥ 2.0 N/mm ²	12004-2 8.5
Shear strength after immersion in water:	≥ 2.0 N/mm ²	12004-2 8.5
Open time: Adhesion after 120 minutes:	≥ 0.5 N/mm ²	12004-2 8.1
Vertical slip	≤ 0.5 mm	12004-2 8.2
Temperature resistance	From -30°C to +90°C	

Processing characteristics

Dough consistency:	Soft dough
Specific gravity of the compound:	1.60 g/cm ³
Mixing ratio:	9:1
Application temperature:	From +15°C to +35°C
Maximum thickness:	20 mm
Working time:	~ 50 min
Open time:	~ 120 min
Walkable:	~ 12 h
Grouting:	~ 12 hours
Ready for use:	~ 3 days
Final curing:	~ 7 days

(data recorded at +23°C, 50% relative humidity)

The technical data provided has been measured under standard laboratory conditions and is subject to change without notice. The actual performance of the product depends on site application conditions, the installation method used and the type of coating.

5. APPLICATION

Substrate preparation

All surfaces must be flat, structurally sound and compact, free from loose parts and devoid of dust, grease, oil, paint and wax. Surface temperatures must be between 5°C and 35°C.

Ceramic and stone substrates must be clean, mechanically sound and firmly bonded to the substrate.

Product preparation

Pour Part B into the bucket containing Part A and mix with a low-speed mixer (~300 rpm). Mix by moving from the bottom, until the components are fully mixed and the paste has a uniform colour. The mixture should have the consistency of a and thixotropic paste.

Notes: Do not mix in ratios other than those specified. Mix the entire quantity of Part A and Part B.

Do not mix quantities of product greater than those that can be used within the product's pot life (approximately 50 minutes).

Application

Spread the mixture onto the substrate, first with the flat side of the trowel and then with the notched side. Apply the adhesive in a uniform, continuous layer using a notched trowel suitable for the size of the tiles to be laid. Lay the tiles within the open time of the adhesive. **If the mixture has already set, do not attempt to restore workability by adding fresh product.**

Ensure a compact, continuous layer of adhesive that fills at least 90% internally and 95% externally of the volume and allows contact with at least 90% internally and 95% externally of the surface of the tile and the substrate.

For applications in areas exposed to freezing temperatures or subject to particular mechanical stresses, LATALASTIK adhesive must be applied to both the substrate and the back of the tile (double-coating method).

So-called "full-bed" laying is not permitted. Under no circumstances may a joint width of less than 2 mm be specified or used.

It is essential to respect structural joints in the cladding as well. Provide suitable expansion and perimeter joints that must divide the surface into square or rectangular grids with a side ratio not exceeding 1.5. As a guide, the grids may have the following dimensions:

- indoor areas: from 5 m x 5 m to 6 m x 4 m;
- outdoor areas: from 3 m x 3 m to 4 m x 2.5 m.

Restrictions

- DO NOT apply to concrete that is less than 3 months old.
- DO NOT use on surfaces where rapid foot traffic is required.
- Suitable for laying stones with high, medium or low porosity and water absorption even exceeding 5%.
- When laying natural or synthetic stone, refer to the properties of the product to be applied and the manufacturer's recommendations. If in doubt, it is advisable to carry out a test before laying
- Adhesives, mortars, sealants and grouts for ceramic tiles, flooring, bricks and stone are not designed to replace waterproofing membranes. Where a waterproof barrier is required, use a LATICRETE® waterproofing membrane.
- For façade cladding installations, consult local regulations.
- DO NOT use as a joint sealant; for this purpose, use SPECTRALOCK® PRO PREMIUM GROUT, PERMACOLOR® SELECT or SPECTRALOCK 2000 IG.
- DO NOT install at temperatures below +10°C or above +35°C.
- NOT for use as a wear surface.

Notes: The adhesive is flexible and the installation of large

formats of rigid material on deformable substrates may lead to sudden breakage and failure of the flooring under the action of concentrated or high loads. Therefore, carefully assess the deformability of the entire system

Warnings

- A product that has already begun to set must not be revived by adding water or fresh product. There is a risk of inadequate strength development.
- The product must be protected from water and frost until it has fully cured. This may take several days in adverse weather conditions.
- Avoid contact with skin and eyes. In case of irritation, wash thoroughly with clean, fresh water. In case of contact with eyes, seek medical attention immediately.
- During the winter season, curing and setting times may be considerably longer. Protect the finished work until it has fully cured.
- The fresh product and component A are irritants to the eyes and skin. Component B is corrosive on direct skin contact and if swallowed. Both components may cause sensitisation through skin contact. Wear gloves and protective goggles during mixing and application of the product. Avoid releasing the product into the environment. In case of skin contact, wash thoroughly with water and pH-neutral soap and seek medical attention.
- DO NOT install at temperatures below +10°C or above +35°C.
- Keep out of reach of children.
- **FOR PROFESSIONAL USE**

For further information, refer to the product safety data sheet.

6. AVAILABILITY AND COSTS

Availability

LATICRETE® products are available worldwide. To find your nearest dealer, please contact LATICRETE EUROPE S.r.l.

Telephone: +39 059 535540

Email: info@laticreteeuropa.com

Website: <https://eu.laticrete.com/>

Prices

Please contact your nearest LATICRETE EUROPE S.r.l. stockist for full pricing information.

7. WARRANTY

The supplier guarantees that the product will not deteriorate under normal conditions of use. The warranty is valid for one (1) year. Contact Technical Support for further information.

Documentation

- DS-230.13EU-0121: Product warranty
- DS-230.10P.EU: 10-year product warranty
- DS 230.5-10-15EU: 15-year product warranty

8. MAINTENANCE

LATICRETE® products are high-quality products designed to provide long-lasting, maintenance-free installations; however, their durability and performance depend entirely on the type of cleaning products used.

9. TECHNICAL SERVICES

Technical support

For further information, please contact Technical Support

Telephone: +39 059 535540

Email: info@laticreteeuropa.com

Technical and safety documentation

To obtain technical and safety documentation, please visit our website: <https://eu.laticrete.com/>

Warnings

The information and guidelines contained in this Technical Data Sheet, although based on knowledge acquired over years of application, are to be considered indicative. As LATICRETE® cannot directly control the installation conditions and application methods of the products, it accepts no liability arising from their installation. Anyone intending to use LATICRETE® products must carry out appropriate on-site tests to establish their suitability for the intended use.

Our products are covered by a warranty within the limits set out in our general terms and conditions of sale and within the limits of our products' compliance with the applicable technical specifications and certifications, as expressly indicated in the product data sheets or applicable technical documentation and expressly provided by us with the products themselves.

10. DOCUMENTATION

Further information about the product is available on our website at <https://eu.laticrete.com/>.