



15 PREMIUM ADHESIVE

DS-65317-0124

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

15 PREMIUM ADHESIVE

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

15 PREMIUM ADHESIVE is a white, non-flammable, ready to use acrylic adhesive designed for interior installations of ceramic tile, glass mosaic and non-moisture sensitive natural stone on walls.

Uses

- For interior use only
- For installation of ceramic tiles, non-moisture sensitive natural stone, and glass mosaic
- Can be used with tiles up to 45 cm (of longest side)
- For installation of polystyrene boards
- Suitable for damp or wet area applications
- Please refer to the “Adhesive Selection Guide” in the product catalogue for a complete list of applications and maximum permitted sizes

Advantages

- Premixed and ready to use – does not require professional equipment
- Safe and easy to use – non-flammable
- Good elasticity and adhesion
- Non-slip
- Suitable for a wide variety of substrates

Suitable Substrates

- Concrete
- Cement Mortar Bed
- Cement Backer Board
- Gypsum Wallboard
- Cement Plaster
- Gypsum Underlayments
- Gypsum Plaster
- Polystyrene Backer Board
- Exterior Glue Plywood
- Existing Ceramic Tile and Stone

Packaging

- 3 kg pail; 144 pails per pallet
- 8 kg pail; 90 pails per pallet
- 15 kg pail; 44 pails per pallet
- 25 kg pail; 33 pails per pallet

Coverage / Consumption

~3 kg/m² with 6 mm notched trowel

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored at temperatures >32°F (0°C) and <95°F (35°C).>

Limitations

- DO NOT use over wallpaper.
- DO NOT use for installation of non-porous tiles (i.e. impervious porcelain tile) over non-absorbent substrates as this limits its ability to cure. The adhesive cures through evaporation of its own water content.
- DO NOT use with tiles longer than 45 cm (of the longest side).
- DO NOT use at temperatures below 5°C.
- DO NOT use outdoors, in exterior applications.
- DO NOT use in areas subject to constant water exposure, immersion or hydrostatic pressure.
- DO NOT use in steam rooms, commercial showers, fountains or submerged applications.
- Always leave a joint between the tiles, especially if substrates are subject to flexing or movement.
- DO NOT use on metals.

- DO NOT use as part of a waterproofing system. Use a LATICRETE® Latex Fortified Mortar for these applications.
- Natural marble and stone may be sensitive to discoloration. Conduct test area to insure compatibility.
- Use LATAPOXY® 300 ADHESIVE for installing green marble or water sensitive natural stone and agglomerate tile products.
- Product in paste form cannot stand the frost.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE® Waterproofing Membrane.

Cautions

See safety data sheet for additional information.

- During cold weather, protect finished work from traffic until fully cured.
- Do not take internally.
- Keep out of reach of children.
- See container label for precautionary measures for use, handling, and storage before use.

4. TECHNICAL DATA



VOC/LEED Product Information

Émissions dans l'air intérieur: A+

Applicable Standard

- EN 12004 D2 TE
- ISO 9001:2015 Quality Management System

Physical Properties

Basis:	Premixed paste		
Colour	Ultra white		
Flammability:	No		
Classification EN 12004-1:	D2 TE		
	Value	Requirement	Test Method
Shear Adhesion Strength:	≥ 1,0 N/mm ²	≥ 1,0 N/mm ²	12004-2 8,4
Shear Adhesion Strength after Heat Ageing:	≥ 1,0 N/mm ²	≥ 1,0 N/mm ²	12004-2 8,4
Shear Adhesion Strength after High Temperature:	≥ 1,0 N/mm ²	≥ 1,0 N/mm ²	12004-2 8,4
Shear Adhesion Strength after Water Immersion:	≥ 0,5 N/mm ²	≥ 0,5 N/mm ²	12004-2 8,4
Open Time: Tensile Adhesion Strength after 30 min.	≥ 0,5 N/mm ²	≥ 0,5 N/mm ²	12004-2 8,1
Slip:	≤ 0,5 mm	≤ 0,5 mm	12004-2 8,2
Temperature Resistance:	From -30 °C to +90 °C		

Working Properties

Consistency:	Smooth & creamy
Wet Density:	~ 1.65 g/cm ³
Mix Ratio:	Ready-to-use
Application Temperature:	From + 5°C to + 35°C
Open Time:	~ 30 minutes
Maximum Thickness:	5 mm
Time to Foot Traffic:	~ 24 hours
Time to Grouting:	~ 24 hours
Time to Full-Service Conditions:	~ 7 days
Final Hardening:	~ 14 days

(at 23°C / 50% R.H.)

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation

Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. All surfaces should be between 5°C and 35°C and clean and free of all dirt, oil, grease, loose peeling paint, concrete sealers or curing compounds. Any painted surfaces must be in very good condition, washed and degreased, otherwise paint should be removed.

Do not apply adhesive on substrates until hydraulic shrinkage is complete and substrate has residual humidity lower than 4%.

Do not use on non-absorbent substrates for installation

non-impervious porcelain tiles or tiles with absorption lower than 3%.

Application

The mastic adhesive is premixed and ready to use. Select an appropriate trowel depending on the size of tiles to be installed:

- 6 mm v-notch trowel for mosaics up to 2.5 x 2.5 cm
- 6 x 6 mm or 9 x 0 mm square-notch trowel for larger tile sizes

Note: Always maintain a joint of at least 3 mm wide between tiles. Maintain and respect any expansion joints of the structure up through tile finish, as these should be filled with a flexible sealant to allow for movement. Also fill perimeter joints between any changes in plane with a flexible sealant (i.e. between wall and wall).

Clean substrate using a damp sponge or towel. Apply adhesive to substrate with flat side of trowel and work into substrate. Then comb the adhesive with the notched side of the trowel, removing excess material. Spread only as much as can be tiled while adhesive is wet and tacky, approximately 30 minutes. Press, do not slide, tile into the adhesive and align. Beat or twist all tile until fully bedded. Check work regularly for full contact between tile back and adhesive.

Note: Do not set tile in adhesive that has developed a skin. Scrape surface clean and spread fresh material.

Cleaning

Clean fresh adhesive with water

Grouting

Grout installation after a minimum of 24 hours curing time at 23°C and 50% RH. Use LATICRETE® cementitious grouts, such as PERMCOLOR® SELECT or PERMACOLOR® SELECT FINE. For joints resistant to stains and aggressive chemicals, use epoxy grouts such as SPECTRALOCK® PRO PREMIUM GROUT.

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.:

+39 059 535540

info@laticreteurope.com

For on-line distributor information, visit www.laticrete.eu.

Cost

Contact LATICRETE EUROPE S.r.l to obtain complete information and cost.

7. WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Services for further information. See 10. FILING SYSTEM:

- DS230.13EU: 1 Year Product Warranty (EN)

8. MAINTENANCE

LATICRETE® and LATAPOXY® are products of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending on the cleaning products used.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling or emailing the Technical Service Hotline:

+39 059 535540

technicalservices@laticreteurope.com

Technical and Safety Literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu.

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® is unable to directly control the installation methods and conditions of products and does not assume any liability arising from their implementation. Those who want to use LATICRETE® products should conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

LATICRETE® products are covered by a warranty within the limits of what is established by our general conditions of sale and within the limits of correspondence related to technical specifications and applicable certifications, as expressly indicated in the product data sheets, documentation, or applicable technical documentation.

10. FILING SYSTEM

Additional product information is available on our website at laticrete.eu.