



335 Pro Premium Flexible Adhesive

A proven high-performance, polymer-fortified, flexible, thixotropic, water & heat-resistant adhesive for installing tile or stone, specifically formulated for large format porcelain tiles, ceramic tiles, and heavy stones.



ADVANTAGES



- Proven high performance.
- Suitable for Heavy stones and glass mosaic
- Flexible - Smooth and creamy
- Easy to apply – Just mix with water.
- Extended open time
- Water & heat resistant
- Strong bond and durable
- Shock resistance

MANUFACTURER

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USES

- Recommended for heavy-duty floor areas such as shopping mall, supermarkets.
- Excellent for totally submerged areas such as swimming pools, fountains, and water tanks.
- Excellent adhesion for the glass mosaic.
- Recommended to use interior and exterior,
- External cladding and floor & wall applications.

STANDARDS / CERTIFICATIONS



Meets & exceed ANSI A 118.4, ANSI A 118.11
 C2TE S1 (EN 12004 / ISO13007) requirements.



CLD CERTIFIED

Please see the technical data

Packaging

20 kg bags, 72 bags per pallet

Color: grey and white

Suitable Substrates,

- Concrete
- Tile over tile.
- Cement plaster
- Concrete masonry
- Cement mortar bed
- Brick
- Gypsum board
- Glass

Approximate Coverage for 20Kg bag.

Trowel notch size	Sqm.
6 mm x 6 mm	5.5 – 6.5
6 mm x 9 mm	5.0 – 6.0
12 mm x 12 mm	2.75 – 3.25

NOTE: Above coverage is intended as a guide, it may vary depending upon application technique, substrate profile/flatness, trowel angle, trowel wear and wastage factor. Actual coverage shall be determined by mockup area based on site conditions.

Shelf Life

Factory sealed bags of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area. High humidity will reduce the shelf life of bagged product.

Limitations

Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick, and stone are not replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE Waterproof Membrane.

Note: Surfaces must be structurally sound, stable, and rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile/brick installations or L/480 for thin bed stone installations where L=span length.

Cautions

- Consult SDS for more safety information.
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Avoid breathing dust. Wear a Respirator in dusty areas.
- Keep out of reach of children!

TECHNICAL DATA

Certification/ Approvals

DCLD: This product has been certified for Low Emitting Materials by Dubai Central Laboratory Department (DCLD) of Dubai Municipality. No.CL20020733: 2017 Al Sa'fat Dubai Green Building Evaluation System.

VOC/LEED Product Information: Low VOC Content.

Physical properties

Tensile Adhesion Strength EN 12004 -1 C2		
Test	EN Requirement	Results
Normal Condition	1.0 N/mm ²	2.1 N/mm ²
Heat Resistance	1.0 N/mm ²	1.7 N/mm ²
Water immersion	1.0 N/mm ²	1.65 N/mm ²
Freeze thaw	1.0 N/mm ²	1.97 N/mm ²
Slip	< 0.5 mm	Passes
Transverse Deformation	≥2.5 & <5mm	3mm
Open Time - 30 minutes	≥ 0.5 N/mm ²	0.82 N/mm ²

Working Properties @ 23°C and 50% R.H.

Wet density	1.56 gm/cm ³
Open time	30 minutes
Pot life	2 Hrs.
Time to traffic	48 Hrs.

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.

INSTALLATION

Surface Preparation

All surfaces should be between 4° C to 32° C and structurally sound, clean, and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with LATICRETE Latex Portland Cement underlayment to provide a wood float (or better) finish. Dry, dusty concrete slabs or masonry should be dampened, and excess water swept off.

Installation may be made on a damp surface. All slabs must be plumb and true to within 6mm in 3m. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI Specification AN-3.8 "Requirements for Expansion Joints" or TCA Details EJ171 "Expansion Joints". Do not cover expansion joints with mortars. Cement Backer Board; follow TCA installation detail W244.

Mixing

Place clean potable water into a clean pail, Add 335 powder. Use approximately 4.2 - 4.6 Liters of clean potable water for 20 Kg bag of powder.

Mix by hand or with a slow speed mixer (300 rpm) to a smooth, trowelable consistency. Allow mortar to slake for 5 -10 minutes. Remix and apply with the proper sized notched trowel.

Application

Apply mortar to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional mortar with the notched side.

Note: Use the proper sized notched trowel to insure full bedding of the tile. Spread as much mortar as can be covered with tile in 15-20 minutes. Back butter large tiles (>12"x12") to provide full bedding and firm support. Place tiles into wet, sticky mortar and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check mortar for complete coverage by periodically removing a tile and inspecting bedding mortar transfer onto back of tile. If mortar is skinned over (not sticky), remove, and replace with fresh mortar.

Cleaning

Clean tools and tile work with water while mortar is fresh.

AVAILABILITY AND COST**Availability**

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Telephone: For on-line distributor information, visit www.laticrete.com

Cost

Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants this product will not deteriorate under normal conditions and use, the warranty validity of one (1) year. The product subject to the terms and conditions stated in the LATICRETE® Product Warranty. Please consult our technical support for further information

TECHNICAL SERVICES**Technical assistance**

For information contact:
enquiry@laticrete.me

Technical and safety literature

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

Warning: The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must 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.