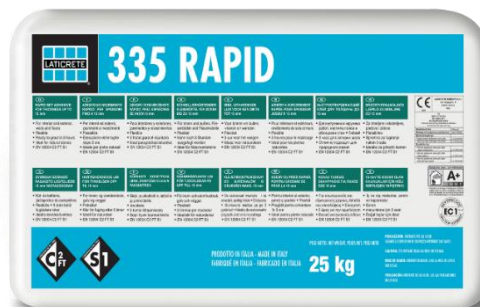




335 RAPID

Rapid pro premium cementitious adhesive, for thicknesses up to 15 mm, particularly suitable for installation of natural stones and marble that are light, translucent, or sensitive to discoloration.

**Globally Proven
Construction Solutions**



FEATURES/BENEFITS

- Ultra white color – ideal for finishes that are light, translucent, or sensitive to discoloration
- Rapid setting – ready to grout in 3 hours
- Single component
- Thixotropic and non-sag
- For thicknesses up to 15 mm
- Smooth and creamy consistency – excellent workability, easy to use
- Frostproof – good for exterior applications
- Flexible
- Low VOC – safe, better indoor air quality
- Conforms to EN 12004 C2F T S1 requirements

MANUFACTURER

LATICRETE EUROPE S.r.l.
Via Paletti, 1, 41051
Castelnuovo Rangone MO, Italy
+39 059557680
info@laticreteurope.com

USES

- For interior and exterior, walls and floors, and submerged applications
- For installation of natural stone, agglomerate stone, mosaics, porcelain tile, and ceramic tile
- For thin bed or medium bed mortar installations
- Ideal for installations requiring short turnaround time (renovations, public spaces, retail, etc.)
- Tile over existing tile
- Areas subject to mechanical and thermal stress (balconies, facades, terraces)
- Good for cement based heated screeds
- Good for bonding to lightweight constructions boards (i.e. polystyrene, etc.)

STANDARDS/CERTIFICATIONS

CE EN12004, C2F T S1

Quality Standards
ISO 9001:2008 Quality Management System

VOC/LEED Product Information



EC1 Plus



ÉMISSIONS DANS L'AIR INTÉRIEUR

Suitable Substrates

- Concrete
- CMU
- Cement Plasters
- Cement-based screeds, standard or heated
- Fluid cement-based screeds, standard or heated**
- Anhydrite/Gypsum-based screeds**
- Elastomeric liquid waterproofing membranes (i.e. HYDRO BAN)
- Cement-based, polymer modified flexible waterproofing (i.e. AQUA BARREIR)
- Ceramic Tile and Stone*
- Plasterboard**
- Gypsum-based panels**

*Recommended with application of PRIMER SUPERIOR.

**Interior only and with application of appropriate primer (i.e. PRIMER PLUS or PRIMER SUPERIOR).

Packaging

25 kg bag; 48 bags per pallet.

Colour

Ultra White

Approximate Consumption

2.5 - 7 kg/m²

Note: Consumption will vary depending on trowel notch size, type and size of tile and substrate.

Shelf Life

Factory sealed bags of this product are guaranteed to be of first quality for twelve (12) months if stored in a cool, dry place.

Limitations

- 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 (see Section 10 FILING SYSTEMS).
- Always pre-treat the substrate with appropriate primer on gypsum, anhydrite, or very absorbent substrates, (i.e. PRIMER PLUS or PRIMER SUPERIOR).
- DO NOT use on concrete less than 3 months old.
- DO NOT use on metal, PVC, linoleum or wood.
- DO NOT use when adhesive thickness greater than 15 mm is required.

Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes.

TECHNICAL DATA

Physical & Performance Properties

Classification EN 12004:	C2F T S1
Basis:	Cement, aggregates, additives
Apparent Density:	1,2 kg/dm ³
Maximum Grain Size:	0,5 mm

Flammability:	No
Early Adhesion (after 6 hours)	> 0,5 N/mm ²
Initial Adhesion (after 28 days):	> 1,0 N/mm ²
Adhesion after Heat Action:	> 1,0 N/mm ²
Adhesion after Water Immersion:	> 1,0 N/mm ²
Adhesion after Frost-Thaw Cycles:	> 1,0 N/mm ²
Deformability (according to EN 12004):	>2,5 mm
Vertical Slip (according to EN1308):	< 0,5 mm
Temperature Resistance:	From -30 °C to +90 °C

Working Properties (23°C / 50% relative humidity)

Wet Density:	1,60 kg/dm ³
Application Temperature Range:	+5°C +35°C
Mixing Ratio:	26-28% (6.5 - 7 L per 25 kg bag)
Pot Life:	~ 30-45 min.
Open Time:	~ 10-20 min.
Maximum Thickness:	15 mm
Time to Foot Traffic:	~ 3 hours
Time to Grouting:	~ 3-4 hours
Time to Full Service Conditions:	3 days
Time to Final Hardening:	7 days

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

The surfaces must be at a temperature between 5°C and 35°C and must be structurally stable and compact, clean, free of slab friable parts and traces of oils, greases, paints, release agents. Screeds and cementitious plasters that are particularly absorbent and / or overheated by sunlight, must be saturated without leaving stagnant water on the surface.

Mixing

Use clean, potable water and a clean pail. Pour 6.5 - 7 liters of water into pail, add a 25 kg of 335 RAPID while mixing by hand or with a low-speed mixer until consistency is smooth, creamy, and lump-free. **Do not add other aggregates or hydraulic binder to 335 RAPID.** Let the mortar slake for about 3 min. Remix again without adding additional water or powder. The mortar should have a creamy consistency free of lumps. During use, stir occasionally to keep mix fluffy. **DO NOT temper with water.**

Application

Spread a thin layer of adhesive with the flat side of the notched trowel, pressing firmly to work into surface. Apply additional

product with the notched side of the trowel leaving well-defined lines. Ensure that the adhesive covers at least 95-100% of the tile for interior applications and 100% of the tile for exterior applications or areas subject to heavy traffic. For areas exposed to freezing temperatures or stress (i.e. outdoors or floors subject to heavy loads), the 335 RAPID adhesive must be applied on both the substrate and on the back of the tile ("back buttering" method).

Note: Use proper sized notched trowel to ensure full bedding of the tile.

The installation must be protected from the rain for at least 8 hours and protected from freezing temperatures for the first 2 days following application of 335 RAPID.

Grouting

Grout installation after a minimum of 3 hours curing time at 23°C and 50% RH; site conditions can change dry and cure time. For grouting marble, use LATICRETE® cementitious grouts, such as PERMCOLOR® SELECT or PERMACOLOR® SELECT FINE or epoxy grouts such as SPECTRALOCK® PRO PREMIUM GROUT.

Note: It is always advisable to conduct a mockup and cleanability test for marble before proceeding.

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 EUROPE S.r.l.:

+39 059557680

info@laticreteeuropa.com

For online distributor information, www.laticrete.eu.

Cost

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

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.

Refer to 10. FILING SYSTEM:

- DS 230.13: 1 Year Product Warranty

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 of the cleaning products used.

TECHNICAL SERVICE

Technical Assistance

For information contact:

+39 059557680

technicalservices@laticreteeuropa.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 sheets, documentation, or applicable technical documentation.