



335 RAPID

DS-892-0124

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

335 RAPID

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

335 RAPID is a high quality, polymer fortified, flexible adhesive for thin-bed and medium bed installations. Due to its quick setting, it is easy to use, ideal for projects with time constraints and good for moisture sensitive stones.

335 RAPID is available in ultra white, which makes it ideal for tile or stone finishes that are light, translucent or sensitive to discolouration.

Uses

- For installation of natural stone, agglomerate stone, mosaics, porcelain tile, and ceramic tile
- For interior, exterior, wall, floor and submerged applications
- For thin bed or medium bed mortar installations, for thicknesses up to 15 mm
- 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.)

- Please refer to the “Adhesive Selection Guide” in the product catalogue for a complete list of applications and maximum permitted sizes

Advantages

- Ultra white colour — ideal for stone and marble that are light, translucent, or sensitive to discolouration
- Frostproof – suitable for exterior applications
- Single component — just mix with water
- Flexible, thixotropic and non-sag — good for vertical applications
- Smooth and creamy consistency – excellent workability, easy to use
- Low VOC emissions — safe, better indoor air quality
- Fast setting — suitable for natural stone and ready to grout the same day, in 3 - 4 hours after application

Suitable Substrates

- Concrete
- Concrete Block
- Cement Plaster/Render
- Cement Mortar Bed
- Self-Leveling and Patching Compounds (Interior Only)
- Gypsum Underlayments (Interior Only)
- Gypsum Wallboard (Interior use only, non-wet areas)
- Ceramic Tile and Stone

Packaging

Ultra white

25 kg bag; 48 bags per pallet

Approximate Coverage / Consumption

- 3 - 6 kg/m² with a 8 x 10 mm notched trowel
 - 5 - 7 kg/m² with a 10 x 20 mm notched trowel
- 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

- For gypsum, anhydrite, or very absorbent substrates, always pre-treat the substrate with appropriate primer (i.e. PRIMER PLUS or PRIMER SUPERIOR).
- For existing ceramic tile or stone substrates, always pre-treat the substrate, we recommend application of appropriate primer such as 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.
- 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).

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

Cautions

For more information, consult the safety data sheet.

- During the winter, protect the work from freezing for the first 2 days following application.
- Protect work area from rain or water for at least 8 hours.
- Contains cement. It can irritate the eyes. May cause sensitization by skin contact. Wear protective gloves and goggles when mixing and applying the product. In case of contact with the skin, wash thoroughly with water. Do not swallow. Avoid breathing dust.
- Keep out of reach of children.

4. TECHNICAL DATA



VOC/LEED Product Information

- GEV EMICODE: EC1 Plus
- Émissions dans l'air intérieur: A+

Applicable Standard

- EN 12004, C2FT S1
- ISO 9001:2015 Quality Management System

Physical Properties

Basix:	Cement, aggregates, additives		
Colour:	Ultra white		
Apparent Density:	1,2 kg/dm ³		
Maximum Grain Size:	~ 0,5 mm		
Flammability:	No		
Classification EN 12004-1:	C2 FT S1		
	Value	Requirement	Test Method
Early Tensile Adhesion Strength (6 hours):	≥ 0,5 N/mm ²	≥ 0,5 N/mm ²	12004-2 8,3
Tensile Adhesion Strength:	≥ 1,0 N/mm ²	≥ 1,0 N/mm ²	12004-2 8,3
Tensile Adhesion Strength after Water Immersion:	≥ 1,0 N/mm ²	≥ 1,0 N/mm ²	12004-2 8,3
Tensile Adhesion Strength after Heat Ageing:	≥ 1,0 N/mm ²	≥ 1,0 N/mm ²	12004-2 8,3
Tensile Adhesion Strength after Freeze-Thaw Cycles:	≥ 1,0 N/mm ²	≥ 1,0 N/mm ²	12004-2 8,3
Open Time: Tensile Adhesion Strength after 10 min.	≥ 0,5 N/mm ²	≥ 0,5 N/mm ²	12004-2 8,1
Transverse Deformation:	≥ 2,5 mm	≥ 2,5 mm	12004-2 8,4
Slip:	≤ 0,5 mm	≤ 0,5 mm	12004-2 8,2
Temperature Resistance:	From -30 °C to +90 °C		

Working Properties

Consistency:	creamy
Wet Density:	1,60 kg/dm ³
Mix Ratio:	26 - 28% (6.5 - 7 lt water per 25 kg bag)
Application Temperature:	From + 5°C to + 35°C
Working Time:	30 - 45 minutes
Open Time:	10 - 20 minutes
Maximum Thickness:	15 mm
Time to Foot Traffic:	3 hours
Time to Grouting:	3 - 4 hours
Time to Full-Service Conditions:	3 days
Final Hardening:	7 days

(23°C / 50% relative humidity)

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

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.

If substrate is particularly absorbent (i.e. gypsum, anhydrite, etc.), always pre-treat with an appropriate primer such as PRIMER PLUS or PRIMER SUPERIOR. For existing tile and stone, we recommend pre-treating with PRIMER SUPERIOR.

Screeds and cementitious plasters that are particularly absorbent and / or overheated by sunlight, should be saturated without leaving standing 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.** 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.

Protect work area from the rain for at least 8 hours and from freezing temperatures for the first 2 days following application of 335 RAPID.

Grouting

Grout installation after a minimum of 3-4 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.

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Europe S.r.l. a socio unico:

+39 059 535540

info@laticreteurope.com

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

Cost

Contact LATICRETE Europe S.r.l. a socio unico 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:

- DS 230.13EU: 1 Year Product Warranty

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 of 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.