335 MAXI LW

DS-65313-0124

Globally Proven Construction Solutions

1. PRODUCT NAME
335 MAXI LW

2. MANUFACTURER
LATICRETE Europe S.r.l. a socio unico
Via Paletti, snc, 41051
Castelnuovo Rangone MO, Italy
Telephone: +39 059 535540
Email: info@laticreteeurope.com
Website: **laticrete.eu**

3. PRODUCT DESCRIPTION
335 MAXI LW is a premium, polymer fortified, multi-purpose, lightweight mortar with excellent performance, high yield, and low dust.

Uses
- For rapid and reliable installation of a variety of finishes, including porcelain tile, ceramic tile and non-moisture sensitive stones
- For interior, exterior, and submerged applications
- For thicknesses up to 15 mm
- Can be used as thixotropic or flow-bed adhesive
- Consult "Adhesives Selection Guide" on the product catalog for the list of the maximum permissible
- Please refer to the "Adhesive Selection Guide" in the product catalogue for a complete list of applications and maximum permitted sizes

Advantages
- Good for submerged use
- Non-sag and lightweight — excellent for walls and vertical applications
- Thixotropic, highly flexible

- Low dust and low VOC emissions — safe, better for you and the environment
- Excellent workability and easy to apply — multiple application consistencies, from thin-bed to flow-bed
- Available in ultra white and grey

Suitable Substrates
- Concrete
- Cement Mortar
- Cement Plaster
- Cement Block
- Self-Leveling and Patching Compounds (Interior Only)
- Poured Gypsum Underlayment (Interior dry areas only. Refer to LATICRETE TDS 148, Bonding Ceramic Tile or Stone Over Poured Gypsum Underlayments, for further information.)
- Gypsum Underlayments (Interior Only)
- Gypsum Wallboard (Interior use only, non-wet areas)
- Existing Ceramic Tile and Stone (Interior Only)
- Cement Backer Board (Consult cement backer board manufacturer for specific installation recommendations and to verify acceptability for exterior use)
- Exterior Glue Plywood (Interior Only)
- Polystyrene Backer Board

Packaging
15 kg bag
Approximate Coverage / Consumption
- ~2 kg/m^2 with 8 mm notched trowel
- 3-4 kg/m^2 with 15 mm notched trowel

Shelf Life
Factory sealed containers 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
- For installation of tile in heavy traffic areas and exterior locations, it is recommended to use a highly elastic bonded waterproofing system such as HYDRO BAN®.
- When used a flow-bed adhesive, wait at least 48 hours before grouting.
- Fluid cement-based screeds, gypsum/calcium sulphate, anhydrite, cement-based boards, existing

tile, or particularly absorbent substrates should be treated with a primer.
- DO NOT mix with other cement or adhesives.
- DO NOT use in direct contact with magnesium-based screeds, as it can cause a chemical reaction and degrade the screed.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not designed as replacements for waterproof membranes. When a waterproof barrier is required, use a LATICRETE® Waterproofing Membrane.

Cautions
- For more information, consult the safety data sheet.
- For green marble, resin backed tile and stone and other moisture sensitive marbles and agglomerates, use LATAPOXY® 300 ADHESIVE.
- During the winter, protect the work from freezing and from foot traffic or pedestrian crossing until completely hardened.
- Protect work area from rain or water until fully cured.
- 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
- Émissions dans l'air intérieur: A+
- GEV EMICODE EC1 Plus

Applicable Standard
- EN 12004 C2 TE S1
- CSTB QB Certificat n. 3032-151 MC 590
- ISO 9001:2015 Quality Management System

Physical Properties

Basis:	Cement, aggregates, additives		
Colour	White / Grey		
Apparent Density:	~ 0,80 g/cm³		
Maximum Grain Size:	0,3 mm		
Flammability:	No		
Classification EN 12004-1:	C2 TE S1		
	Value	Requirement	Test Method
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 30 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

Wet Density	1,25 kg/dm³
Pot Life:	3 hours
Open Time:	30 minutes
Maximum Thickness:	15 mm
Time to Foot Traffic:	12 hours
Time to Grouting:	12 hours
Time to Full Service:	7 days
Final Cure:	28 days

(at +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
All surfaces should be between 5°C and + 35° C and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds.

Fluid cement-based screeds, gypsum, anhydrite, cement-based boards, existing tile, or particularly absorbent substrates should be treated with a primer such as PRIMER PLUS or PRIMER SUPERIOR. Dry, dusty concrete slabs or masonry should be dampened, and excess water swept off.

Mixing
Use a clean mixing pail with clean, potable water. Do not add other aggregates or hydraulic binders Mixing ratio:

- **For a flow-bed adhesive**, use approx. 10.2 - 10.8 lt of clean water per 15 kg bag. First mix with approximately 8 lt of water, then subsequently mix in the remaining water.
- **For wall applications and a thixotropic adhesive**, use 8.25 - 8.55 lt of clean water per 15 kg bag.

Mix with a slow speed mixer to a smooth, trowelable consistency.

Allow to slake for 3-5 minutes. Remix briefly before application, without adding any more water or powder. The adhesive should be used within 3 hours. During use, stir occasionally to keep mix fluffy. Do not temper with water.

Application
Apply adhesive to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional mortar with the notched side, in an even, continuous layer. Use the adhesive within the open time. If the mixture is hardening, do not attempt to restore workability by adding water.

Upon completion, protect finished work from rain during the 24 hours following installation. During cold weather, protect finished work for the first 48 hours.

Note: Use the proper sized notched trowel to ensure the adhesive adheres to the tile, covering at least 95%-100% of the back of tile for indoor installations and 100% for outdoors installations or in areas subjects to heavy traffic.

For applications in areas exposed to freezing temperatures or subject to particular mechanical strains (outdoors, paving/flooring subject to heavy loads, materials with uneven thicknesses), the adhesive must be spread over both the substrate and the back of the tile (back buttering/double spreading method).

For large format tiles or submerged applications, it is also recommended to use the back buttering/double spreading method.

Grouting
Grout installation after a minimum of 12 hours curing time at 23°C and 50% relative humidity. Conditions may change the setting and curing time. Grout with SPECTRALOCK® PRO PREMIUM GROUT, PERMACOLOR SELECT, or PERMACOLOR SELECT FINE.

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@laticreteeurope.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:

- 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@laticreteeurope.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.