



MASTIC

MASTIC is an improved formula two components epoxy based compound with high mechanical strength, used as a multi-purpose repair product, for filling cracks, pinholes and as surface repair prior to application of epoxy or polyurethane coatings.



FEATURES/BENEFITS

- Workable pot-life, especially suitable for hot climate
- Easy and non-critical mix ratio
- High mechanical strength.
- Excellent bond strength with substrate
- Non-Shrink
- Smooth consistency, easy to apply.
- Chemical resistant
- Non-sag for vertical & overhead repairs
- Repair on damp surface.
- Solvent free

USES

- Repairing pinholes, honeycomb, and other surface defects for horizontal, vertical, or overhead Situation
- Concrete repairs
- Surface crack repairs.
- Anchoring bolts/ dowel bars
- As a gap filling adhesive
- Bedding tiles

MANUFACTURER

LATICRETE Middle East LLC.
 P.O. Box. 86028, Ras Al Khaimah
 United Arab Emirates
 Toll Free (with in UAE) 800 5632
 Telephone: + 971 7 244 6396
 Fax: + 971 7 244 5915
 Website: www.laticrete.me

PACKAGING

- 10.0 kg set (5.0 kg Base & 5.0 kg Hardener)
- Color –Grey

Suitable Substrates

Concrete, Steel, Wood, Cement board, Magnesium silicate board, EGP, Stones, Ceramic tiles, Porcelain tiles etc.

Approximate Coverage

1.8 kg/sqm at 1 mm thickness

Actual coverage may vary due to texture, pinholes and porosity of substrates.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one year if stored off the ground in a dry area. Extreme storage conditions will reduce the shelf life.

Storage

Store in dry and cool conditions at temperature below 30°C.

Cautions

Before using any LATICRETE product:

- Check www.laticrete.me for any technical bulletins or updated information about the product and its application.
- Contact your local Technical Sales Representative with any questions.
- Consult SDS for detailed safety information

Limitations

Mastic can be applied on damp surface but not on wet surfaces. For any rising moisture suitable moisture barrier primer like Guard Prime EPM is recommended. Drying time gets extended for damp surface, cold climate and humid conditions.

TECHNICAL DATA

Physical Properties

Color	Base: White Hardener: Grey
Solid content	~100%
Mix Density	1.8 ± 0.05
Tack Free	6 – 8 hrs
Pot life @25°C	30 minutes (approx.)
Hard dry	10 – 16 hrs
Shore D-7days	~70
Bond strength, ASTM D4541, 7 days	> 2.5 N/mm ² , Concrete failure
Compressive Strength, ASTM C579, 7 days	>55 N/mm ²
Application temperature	+5 to +35°C

Technical data shown in LATICRETE product data sheets and technical data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions.

INSTALLATION

Surface Preparation

The concrete substrate must be 28 days old and have compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm². Ensure the substrate is clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Concrete substrates must be prepared mechanically or by scarifying equipment to remove cement laitance and achieve an open textured surface.

Weak concrete must be removed and surface defects such as blow holes and voids must be fully exposed.

Remove all dust, loose and friable material from surfaces preferably by brush or vacuum before application of the product.

Mixing

Mastic is supplied in pre weighed kit consisting of Mix Part A and Part B.

For complete mixing, decant part A in a suitable container and mix with a low-speed drill and paddle, add part B, and mix for 2- 3 minutes to a homogenous color mix.

For small repair work or spot repairs, take equal parts of Part A and Part B and mix with a scrapper or putty knife to a homogeneous color mix.

Apply mixed putty within its pot life depending upon site conditions.

Application

As a surface repair: Apply with a suitable flat trowel or putty knife. Work on the pinholes and dents to cover the defects. Where a very deep recess is to be filled, it may be necessary to build up in layers.

For vertical surfaces, Mastic can be applied up to 5 mm thickness without sag.

For crack repairs < 5 mm, widen the crack into a v notch shape and fill with Mastic with a putty knife or trowel. Smooth surface can be achieved by grinding or sanding with a sandpaper after hard dry. Apply subsequent primer or Epoxy or PU floor levelling or coatings after 16 hours depending upon site conditions.

As a tile bedding: Apply a scratch coat on back side of tile. Apply with a suitable notch trowel at a thickness of 3 mm on the prepared substrate. Fix tile within the pot life of mastic.

Cleaning: Clean tools and mixer with suitable cleaning solvent.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide.

For distributor information,

please contact us by email at: enquiry@laticrete.me or, visit www.laticrete.me

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 us by email at:

enquiry@laticrete.me

Technical and safety literature

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

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.