



Globally Proven  
Construction Solutions

# PRIMER EP 110

PRIMER EP 110 is a medium Viscosity, 100% solids, self-leveling epoxy concrete primer or intermediate coating. PRIMER EP should be applied as a primer on new, cured concrete that has been cured for a minimum of 30 days. This product may also be used as a filler coat on concrete that has been mildly spalled due to excessive wear. PRIMER EP 110 is also suitable for use as a build coat when applying thin mil GUARD PA SB polyaspartic finish coats.



## FEATURES/BENEFITS

- Low VOC
- Impact Resistant
- Excellent adhesion to concrete and ferrous metal
- Superior inter-coat adhesion with Polyaspartics and Epoxy
- Excellent carbonation resistance
- Excellent Build Coat over existing Tile

## USES

- Heavy duty traffic areas
- Industrial floor coatings
- Environments requiring a textured matte finish

## MANUFACTURER

LATICRETE EUROPE S.R.L .

Via Viazza 1° Tronco nr 19

41043 Formigine (MO) – Italy

Ph. +39 059557680

info@laticreteurope.com

**Packaging**

7.6 L Kit  
 18.9 L Part A  
 18.9 L Part B  
 18.9 L Part A (Pigmented)  
 18.9 L Part B (For Pigments)

**Approximate Coverage (per litre)**

mm	Sq. Mt. Per Coat/L
0.15	6.5
0.25	3.9
0.5	2.0

**Shelf Life**

Two years unopened. Store at 4°-24°C in a covered area (out of the sun). Material should be kept in a cool dry place prior to application. Do not allow to freeze.

**Colors**

Available in Sand Beige, Light Grey and Clear

**Limitations**

- Do not use as topcoat
- This product is not recommended for exterior applications or immersion service.
- Do not apply this product at ambient or floor temperatures below 16°C or over 32°C or if the relative humidity is above 85%.
- Please note that with all resinous coating systems, exterior full sun environments in warm climates may exhibit above average surface temperatures. This is especially true with darker finishes. As a result, resinous systems may not be ideally suited for exterior pool deck applications.

**Cautions****FOR PROFESSIONAL USE ONLY**

- Thoroughly read all technical data sheets, application guidelines, warranty disclaimers and Safety Data Sheets (SDS) prior to use. Application guides depending on the dye system employed are available at [www.laticrete.eu](http://www.laticrete.eu).
- Polyaspartic aliphatic polyurea products contain chemical ingredients that are considered hazardous. Read the container label warning and SDS prior to use.
- Wear safety eye protection and gloves when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 Minutes, if symptoms persist seek medical attention.
- Tape color transition lines firmly to reduce dye "bleed" under taped line.
- Material should be kept in a cool dry place prior to application

- Product is combustible. Keep away from open flames and apply in well ventilated area.
- Do not use alcohol at any point during application of the system.
- Surface temperature will become elevated when exposed to direct sunlight in warmer climates.

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

**TECHNICAL DATA****Applicable Standards and Test Methods**

ASTM D4060, ASTM C307

**Physical & Working Properties**

Gloss Units at 16°C	+100
% Volume Solids	100%
% Weight Solids	100%
Wet Film Thickness	0.25 - 0.5 mm
Application Surface Temp	16°C - 32°C
Drying Time	6 Hours
Pot Life	20 Minutes
Tensile Strength	13.1 MPa

Specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

**INSTALLATION****Surface Preparation**

Assure substrate to be coated is clean, dry, and in sound condition. All laitance, curing compounds, concrete hardeners, and other surface contaminants must be removed. Shot-blast or grind areas to be coated.

Product must not freeze. Combine Part A with Part B, mechanically mix with a power drill at low speed for approximately 2 minutes. No induction time is required prior to use. If micro-media agents are to be incorporated, they are to be added after thoroughly mixing A and B. Material may be thinned with up to 10% xylene.

#### Mixing:

##### 7.6 L Kits

Stir contents of Part A 3.8 L Pail. Then add 3.8 L can of Part B activator. Mechanically mix for approximately 2 minutes.

##### 18.9 L Pails

Stir contents of Part A 18.9 L pail. Mix by volume, 1 parts Component A to 1 Part Component B activator. Mechanically mix for approximately 2 minutes.

**NOTE:** Once mixing is complete, immediately pour the entire contents onto the floor. Leaving mixed material in the bucket will generate excessive heat.

#### Application:

Flat or Notched squeegee application is recommended, with perpendicular back-roll using an 46 cm long 10 mm nap roller to achieve uniform film thickness. Small chip brushes may be used along the perimeter and in more difficult to reach areas.

Clean up with Xylene or Acetone immediately following use.

## AVAILABILITY AND COST

#### Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l. Telephone +39 059557680. For on-line distributor information, visit [www.laticrete.eu](http://www.laticrete.eu)

#### Cost

Contact a LATICRETE® closer distributor 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 Support for further information

## MAINTENANCE

LATICRETE® products are 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 SERVICES

#### Technical assistance

For information contact: +39 059557680

[info@laticreteurope.com](mailto:info@laticreteurope.com)

#### Technical and safety literature

To obtain technical and safety literature, please visit our website at [www.laticrete.eu](http://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® 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.