CLEAR PA XPL LOW GLOSS

CLEAR PA XPL LOW GLOSS is a high solids, low VOC and minimal odor polyaspartic coating for both decorative and protective applications. CLEAR PA XPL LOW GLOSS enhances any LATICRETE® resinous flooring system by providing an attractive less reflective finish when used as a top coat. Engineered to retain a low viscosity for longer periods of time, it allows for easier application and improved workability. It can be applied in single or multiple coats by brush, roller, squeegee or resin broom. Its UV stable nature and minimal installation odor makes it suitable for both interior and exterior applications.

- Attractive low gloss finish
- Quick cure time – walk-on in 6-8 hours
- Extended working time
- Low VOC; minimal odor
- UV Stable
- 24 hours return to service
- Good chemical and abrasion resistance – resistance to stains and spills
- Works with existing CLEAR PA XPL Part B
- Can be mixed with traction additives for additional grip or traction
- USDA compliant (FDA/CFSAN U.S. Food Code 6.101.11 Surface Characteristics)

USES

- Top coat over all LATICRETE® resinous flooring systems
- Interior and exterior applications
- High traffic areas
- Industrial and commercial flooring
- Residential garage flooring

STANDARDS/CERTIFICATIONS

Quality Standards
ISO 9001:2008 Quality Management System

VOC/LEED Product Information
<100 g/L (as intended for use)

MANUFACTURER

LATICRETE EUROPE S.r.l.
Via Paletti, 1, 41051
Castelnuovo Rangone MO, Italy
+39 059557680
info@laticreteurope.com
Suitable Substrates
- LATICRETE® Polyaspartic Floor Systems
- LATICRETE® Epoxy Floor Systems
- LATICRETE® Urethane Cement Systems
- Concrete

Packaging
Part A: 8.7 L in a 13.2 L pail
Part B: Mix with CLEAR PA XPL Part B 3.8 L in a 3.8 L pail

Colour
Clear (Low Gloss)

Approximate Consumption

<table>
<thead>
<tr>
<th>Wet Film Thickness (WFT)</th>
<th>Dry Film Thickness (DFT)</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.10 mm</td>
<td>0.09 mm</td>
<td>9.8 m²/L</td>
</tr>
<tr>
<td>0.13 mm</td>
<td>0.12 mm</td>
<td>7.9 m²/L</td>
</tr>
<tr>
<td>0.15 mm</td>
<td>0.14 mm</td>
<td>6.6 m²/L</td>
</tr>
<tr>
<td>0.18 mm</td>
<td>0.16 mm</td>
<td>5.6 m²/L</td>
</tr>
<tr>
<td>0.20 mm</td>
<td>0.19 mm</td>
<td>4.9 m²/L</td>
</tr>
</tbody>
</table>

Note: Coverage values are approximate and will vary based on surface condition, preparation methods and application technique.

When using as a topcoat over chip or quartz broadcasts adjust estimates to account for additional required material.

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for eighteen (18) months. Store between 4° to 24°C. Material should be kept in a cool, dry location prior to application.

Limitations
- Not intended for use over countertops
- Not intended for areas experiencing significant thermal shock on a continual basis.
- 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 more information, consult the safety data sheet.
- FOR PROFESSIONAL USE ONLY
- Thoroughly read all technical data sheets, application guidelines, warranty disclaimers and Safety Data Sheets (SDS) prior to use.
- Wear protective gloves, protective clothing and eye protection.
- Avoid breathing vapours, mist or spray.
- May cause an allergic skin reaction. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

- Causes serious eye irritation. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Dispose of contents/container in accordance with local, regional, national, and international regulations.
- Keep out of reach of children.

TECHNICAL DATA
Physical & Performance Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesion</td>
<td>ASTM D7234</td>
<td>&gt;2.1 Mpa Substrate Failure</td>
</tr>
<tr>
<td>Tensile Adhesion</td>
<td>ASTM D2370</td>
<td>22.8 MPa</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>ASTM D5420</td>
<td>9.9 n-m</td>
</tr>
<tr>
<td>Abrasion Resistance</td>
<td>ASTM D4060</td>
<td>19 mg/cycle</td>
</tr>
<tr>
<td></td>
<td>1000 cycles</td>
<td></td>
</tr>
</tbody>
</table>

Working Properties (21°C / 50% relative humidity)

<table>
<thead>
<tr>
<th>Mix Ratio</th>
<th>2.3 Part A : 1 Part B by volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Solids</td>
<td>92% by weight</td>
</tr>
<tr>
<td>Working Time</td>
<td>20 - 25 minutes</td>
</tr>
<tr>
<td>Minimum Re-Coat Time</td>
<td>3 hours</td>
</tr>
<tr>
<td>Maximum Re-Coat Time</td>
<td>24 hours</td>
</tr>
<tr>
<td>Foot Traffic</td>
<td>6-8 hours</td>
</tr>
<tr>
<td>Vehicular Traffic</td>
<td>24 hours</td>
</tr>
</tbody>
</table>

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
CLEAR PA XPL LOW GLOSS is intended for use as a top coat in the LATICRETE® resinous flooring systems or direct to concrete as a clear low gloss sealer. See applicable product data sheets for installation instructions and re-coat windows.

Surface Preparation - Concrete
Surfaces to be coated must be free of grease and any other contaminants that may impede adhesion. Always check the surface for any bond inhibitors prior to application. Any repairs must be addressed prior to application and should be repaired in accordance with ICRI standards. Do not use Alcohol to clean prior to application.

Concrete must be mechanically profiled to an ICRI CSP2. Ensure that all surface laitance is removed prior to coating. The prepared surface should have a tensile pulloff strength of 200 psi...
Concrete must be tested for relative humidity (RH) prior to installation of any coatings. The RH of the slab must not exceed 75% as tested per ASTM F2170. If RH measures 75% or greater, use a suitable LATICRETE vapour barrier.

**Mixing Part A with Part B**
CLEAR PA XPL LOW GLOSS is provided in premeasured units (2.3A:1B by volume). Prior to mixing parts A & B, individually mix CLEAR PA XPL LOW GLOSS Part A for 2 minutes to disperse any contents which may have settled. Pour 3.8 L CLEAR PA XPL Part B into the complete 8.7 L unit of CLEAR PA XPL LOW GLOSS Part A. Stir with a slow speed drill mixer for 2 minutes. Avoid over-mixing or creating a vortex that could introduce air. Do not mix below the dew point, which will shorten the pot life. No induction time is required prior to use.

If a traction additive (e.g. LATICRETE® GRIP TRACTION ADDITIVE) is to be incorporated, it is to be added after thoroughly mixing Part A and Part B.

Once mixing is complete, use within the stated working time. Leaving mixed material in the bucket may generate excessive heat.

**Application**
CLEAR PA XPL LOW GLOSS may be applied by brush, roller, resin broom or squeegee. Suggested application thickness is 0.15 mm wet film thickness (WFT) or 6.6 m²/L. Maximum application thickness in a single application is 0.20 mm. Spread evenly over all prepared surfaces to desired thickness. Immediately following, while the coating is still wet, use a Roller Skin or other high quality 9 mm nap non-shedding roller to back-roll at 90⁰ from the original application direction to help ensure full coverage and uniform thickness. It is important to maintain a consistent back-roll and thickness to avoid variations in the final finish. Use a brush or small roller around penetrations, columns, and any other obstructions. Periodically check mil thickness using a wet film thickness gauge. Do not allow the product to puddle or pool. Product will appear glossy when applied but will dry to a low gloss finish. Contact LATICRETE® directly for specifics on effective application techniques.

The material will be dry to the touch 3 to 4 hours after application, dependent on ambient temperature, slab temperature and humidity. Product may be re-coated within 3 to 24 hours following application. Light foot traffic is acceptable 4 to 5 hours following application and vehicular traffic is acceptable 24 hours after application.

If using as a topcoat over epoxy, it is critical that the epoxy not be let down with alcohol during installation or cleaned with alcohol prior to application. Always apply over epoxy within the manufacturer’s recommended recoat time.

**Notes**
Mock-ups and field test areas are required in order to validate performance and appearance relate 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 coating system.

Variability in job site conditions (including but not limited to surface preparation, sunlight, humidity, dew point, temperature, etc.) during application of LATICRETE® resinous products may lead to fisheyes, blistering, pinholes, wrinkling, or outgassing of air in the concrete and are not product defects. Additional coats, shading or evening application may be required.

**AVAILABILITY AND COST**

**Availability**
LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.: +39 059557680 info@laticreteurope.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**
The long-term performance, appearance, and life expectancy of wear surface products are critically dependent upon a good routine maintenance program designed specifically for the installed wear surface. LATICRETE® resinous floor coating systems are nonporous, causing dirt and contaminants to remain on the surface. The use of properly placed walk-off mats, inside and outside, will help increase the life of the floor. Recommend maintenance program consist of frequent and thorough cleaning utilizing a neutral pH cleaner (e.g. STONETECH Tile & Stone Cleaner). The frequency of washing will vary depending on floor usage type, traffic, and age.

**TECHNICAL SERVICE**

**Technical Assistance**
For information contact: +39 059557680 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 guarantee 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.