RESURFACER PLUS 3.0
PRODUCT 705

Fast Cure Epoxy Polymer Topcoat

PRODUCT DESCRIPTION

Resurfacer Plus 3.0 is a rapid cure, two component, 100% solids epoxy topcoat system for medium and general use where minimum downtime is a requirement. Resurfacer Plus 3.0 can also be used as a coating, seeded coating, self-leveling slurry, or slurry broadcast high-build system.

Resurfacer Plus 3.0 is formulated with topcoat quality performance characteristics, pigments and UV stabilizers.

Resurfacer Plus 3.0 fast cure epoxy has been specifically formulated for interior or exterior use at application substrate temperatures of not less than 45°F. Depending upon surface, ambient, and material temperatures, Resurfacer Plus 3.0 can be recoated in approximately 3 hours.

For best application results, pre-condition the material to between 80°F (27°C) and 90°F (32°C) if the substrate temperature is below 70°F (21°C).

Applied as a seeded coating, a broadcast slurry application, or as a troweled overlay, Resurfacer Plus 3.0 cures quickly to allow for re-coat or for quick turn around when projects require minimum shut down time. Resurfacer Plus 3.0 is also a user friendly and environmentally safe product that meets VOC regulations and is USDA approved.

Degrees

<table>
<thead>
<tr>
<th>Resurfacer Plus 3.0</th>
<th>Recoat Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>77°F</td>
<td>2-3 hrs.</td>
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<tr>
<td>60°F</td>
<td>5-6 hrs.</td>
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</tbody>
</table>

The above table assumes the substrate and ambient temperatures are equal to material temperatures and the material is applied at 20 mils thickness.

USES

Typical usage for Resurfacer Plus 3.0 formulas of epoxy flooring include:
- Industrial flooring
- Warehouse aisle ways
- Factory floors
- Commercial kitchens
- Auto Dealerships
- Locker rooms

And, wherever the following properties may be required:
- Slip-resistant surfaces
- Increased ease of maintenance
- Good abrasion resistance
- Durability and sanitary protection

TYPICAL PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Characteristics</th>
<th>Resurfacer Plus 3.0</th>
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<tbody>
<tr>
<td>Hardness, Shore D</td>
<td>705</td>
</tr>
<tr>
<td>ASTM D2240</td>
<td>70-75</td>
</tr>
<tr>
<td>Bond Strength</td>
<td>&gt;350</td>
</tr>
<tr>
<td>ACI 503</td>
<td>100% con. failure</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>160 in./lbs.</td>
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<tr>
<td>Abrasion Resistance</td>
<td>50 mg.</td>
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<tr>
<td>ASTM D1044</td>
<td>loss</td>
</tr>
<tr>
<td>Tabor Abrasion</td>
<td>CS-17 Wheel</td>
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<tr>
<td>1000 gms. Load</td>
<td></td>
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</tbody>
</table>
Advantages:
- Mix ratio 2:1 by volume
- Excellent “ding” resistance
- Fast turn-around and recoat time
- Non-blushing formulation
- Good resistance to many common chemicals
- Provides a highly durable and protective flooring system
- No offensive odors during installation
- USDA approved
- Installed by approved applicators
- 100% solids and VOC compliant (no solvents)
- Good elongation
- Very good UV resistance

Limitations:
- Minimum substrate application temperature 45°F.
- Not suitable in areas of harsh chemical use or storage
- Limited pot life if left in container
- Must be re-coated within 6 hours after tack-free

Color and Textures:
- Available in ten (10) standard colors
- Various slip-resistant textures available

Product Application:
The Resurfacer Plus 3.0 floor system can be applied over the VaporGard System where hydrostatic or vapor transmissions could be a potential problem; and can be used with any of the Thermal-Chem complimentary and repair products; and can be applied as a:
- Top coat
- Seeded coating
- Self-leveling slurry (typically 1/8" thick or greater)
- Troweled overlay system (typically 3/16" thick or greater)

Chemical Resistance:
Refer to this product on Thermal-Chem’s separate Product Chemical Resistant Table, or for specific product chemical resistance application, contact your local Thermal-Chem representative.

Product Availability:
This product is manufactured by and is available through Thermal-Chem Corporation, 2120 Roberts Drive, Broadview, IL 60155 U.S.A.
Tel: 800/635-3773 • 847/288-9090
Fax: 847/288-9091
E-Mail: sales@thermalchem.com
Web Site: www.thermalchem.com

Technical/Specification:
Additional Product Data, complete Technical Support, and Product Specifications are all available through Thermal-Chem Corporation; or their local representatives.
Every reasonable precaution and effort has been taken in the manufacture of all Thermal-Chem products to comply with the published product data. Actual product performance may vary slightly due to environmental influences and/or existing conditions.

**PRODUCT HANDLING**

Read the Material Safety Data Sheet thoroughly before use.

**Warning:** For professional use only. Avoid contact of uncured material with skin and eyes. Contact with skin may result in irritation. Wash skin with soap and water. If contact with eyes should occur, flush with water for 15 minutes and seek immediate medical attention.

**LIMITED WARRANTY**

Thermal-Chem Corporation warrants its product to be of good quality and will, at Thermal-Chem’s sole discretion, replace or refund the original purchase price (if payment was made in accordance with Thermal-Chem’s payment and credit terms) of any product proved defective or non-conforming. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. **THE PARTIES AGREE THAT THE REPLACEMENT OR REFUND OF PRODUCT PAYMENT FOR DEFECTIVE PRODUCT OR NON-COMFORMING GOODS IS THE SOLE AND EXCLUSIVE REMEDY.** Therefore, except for such replacement, **THERMAL-CHEM CORP. MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS,** and Thermal-Chem Corporation shall have no other liability with respect thereto, including without limitation, liability for incidental or consequential damages. Any claim regarding product defect must be received in writing within ninety (90) days from the date of shipment. No claim will be considered without such written notice or after the specified time interval. The user shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.