

TECHNICAL DATA

FLEXGARD T

PRODUCT #309

PRODUCT DESCRIPTION

FlexGard T #309 was designed to provide high strength in a thin overlay. Typical overlay thickness range between 1/8" and 3/8". This product is a two-component, 100% solids flexible and moisture insensitive epoxy polymer.

FlexGard T #309 is extremely versatile and may be applied over **#739 FlexGard Membrane** where additional flexibility is needed.

Packaging: 1, 3, 5, 15 gallon kits

SYSTEM FEATURES

- 100% solids formulation
- Elastomeric properties with 30%-40% elongation
- Extremely durable
- Self-priming, excellent adhesion properties
- Can be applied as a seeded broadcast system, or blended with selected aggregates to create a slurry or a trowel epoxy mortar
- High impact system, with high compressive strength
- Can be applied over wood floors

LIMITATIONS

- Must be applied over a properly prepared concrete substrate (CSP 3/4 as per ICRI Guideline No.03732)
- DO NOT THIN WITH SOLVENT
- Concrete must be at least 28 days old
- Apply at temperatures between 55 degrees F and 80 degrees F
- Exposure to direct sunlight may cause slight color discoloration
- System requires at least 24 hours before light wheeled traffic exposure

TYPICAL PHYSICAL PROPERTIES

% Solids	100%
VOC Content	0 g/L
Viscosity	1300-1500 cps
Hardness	70-80 Shore D per ASTM D2240
Working Time	20-40 minutes @ 70° F
Dry to Touch	7-9 hours @ 70° F (for faster curing see Product #727)
Recoat Time	7-23 hours at 70° F (after 24 hours lightly sand)
Open for Light Traffic	24 hours @ 70° F

PRODUCT APPLICATION

Surface Preparation: New concrete must have a 28-day cure and be applied to a clean/sound substrate that is free of laitance and curing compounds. Mechanical preparation by means of shot-blasting or diamond grinding to a minimum of a CSP 2/3 as defined by ICRI, then properly vacuumed to remove any remaining dust.

CHEMICAL RESISTANCE

Refer to Separate Product Chemical Resistance tables, or for specific product applications, contact your local Thermal-Chem representative.

PRODUCT AVAILABILITY

Products are manufactured and available through the Thermal-Chem Corporation, 2120 Roberts Drive, Broadview, IL 60155 U.S.A.

Tel: (800) 635-3773 | (847) 288-9090

Email: sales@thermalchem.com

Website: www.thermalchem.com

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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-CONFORMING 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.