

DECOCOLOR PRODUCT #746

Pigmented Epoxy Base Coat

PRODUCT DESCRIPTION

DecoColor is a two (2) component 100% solids pigmented polymer specifically formulated to be a base and intermediate coat for the standard colors and designer series decorative flooring systems. **DecoColor** is formulated with a cycloaliphatic curing agent but a urethane top coat should be applied to increase UV stability, maintain gloss and increased chemical resistance.

DecoColor may be applied at temperatures down to 13° C (55° F). **DecoColor** is USDA approved, meets VOC guidelines and has no offensive odors during installation.

Degrees	Recoat Time
77°F	5-7 hrs.
60°F	10-13 hrs.

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

USES

DecoColor seamless flooring system with the option of a customized textured surface for slip resistance makes it ideal for many commercial and industrial environments.

- Residential dwellings
- Light industrial facilities
- Educational Facilities
- Laboratory floors
- Office lobbies, showrooms and exhibit halls
- Warehouse aisles
- Retail establishments
- Correctional facilities
- Hospitals and hotels

- Museums and galleries

And, wherever the following flooring properties are required:

- Slip-resistant surface texture
- Increased ease of maintenance
- Good abrasion resistance
- A durable and sanitary installation
- An inexpensive and decorative surface
- Areas where minimum downtime is required

TYPICAL PHYSICAL PROPERTIES

Physical Characteristics	DecoColor 746
Hardness, Shore D ASTM D2240	76-82
Bond Strength ACI 503	>350 100% conc. failure
Impact Resistance ASTM D2794	160 in./lbs.
Abrasion Resistance ASTM D1044 Tabor Abrasion CS-17 Wheel 1000 gms. Load 1000 cycles	38- 42 mg. Loss
Viscosity 77° F. Viscosity 60° F.	500-700 cps 1500-1800 cps
Compressive Strength ASTM D695 PSI 7 Day Cure Aggregate Filled	7,800

Compressive Modulus	
ASTM D695	263,300
Tensile Elongation	
ASTM D638	5.8%
Tensile Strength	8,940
Tensile Modulus	426,480
Freeze Thaw Resistance	300 Cycles
ASTM C666	Passes

ADVANTAGES

- Superior surface protection
- USDA approved and VOC compliant
- Improved aesthetic image in any environment
- Seamless and sanitary flooring
- Good chemical resistance
- A Urethane top coat will increase UV stability
- Can be installed over new or old concrete, wood and cementitious toppings
- Available in either normal or rapid cure
- Installed by approved applicators

LIMITATIONS

- **DecoColor** minimum substrate application temperature - 55°F
- Allow final top coat to cure for a minimum of 24 hours prior to exposure to water and 7 days before the use of cleaning chemicals.
- Not recommended in areas of harsh chemical usage.
- **DecoColor** may slightly discolor if exposed to sunlight or other UV sources.
- **DecoColor** may water spot if exposed to moisture prior to full cure.
- Substrate moisture content and vapor drive must be tested. (Refer to system installation guide).

COLOR and TEXTURES

- DecoColor is available in 12 color patterns
- Custom colors are available upon request. Refer to Thermal-Chem's Designer color chart and color matching policy.
- Various slip-resistant texture options available with base coat and clear urethane topcoat.

PRODUCT APPLICATION

All decorative flooring systems can be installed over the **VaporGard** coating where hydrostatic and vapor transmissions could pose a potential hazard and is compatible with any of the Thermal-Chem companion repair products (refer to catalog).

Refer to the appropriate Thermal-Chem product Installation Guide.

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
 Fax: 847/288-9091
 Website: www.thermalchem.com

TECHNICAL/SPECIFICATION SERVICES

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 manufacturer of all Thermal-Chem products to comply with the published product data. Actual product performance may

vary slightly due to environmental influences and/or 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-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.