

## TECHNICAL DATA

# DECOWEAR

## PRODUCT #745

### PRODUCT DESCRIPTION

**DecoWear #745** Top Clear is a two (2) component 100% solids water-clear epoxy that is specifically formulated to be a high-performance, base, or intermediate coat for **DecoFlake** and **DecoQuartz** flooring systems.

Our proprietary curing additive makes **DecoWear #745** a cycloaliphatic clear or pigmented coat with high abrasion resistance. **DecoWear #745** is a good choice for decorative flooring systems being exposed to moderate levels of UV sources such as garages, basements, offices with a high concentration of windows, and industrial applications.

**DecoWear #745** is expressly recommended for interior applications.

**Packaging:** Kit sizes are available are 1, 3, 15 gallons. Available in all 10 Thermal-Chem standard colors.

### ADVANTAGES

- Water-clear formulation
- Excellent resistance to chipping/dings due to its elongation properties
- Easy 2 to 1 mix ratio
- 100% solids-no odor formulation
- Excellent wear durability

### LIMITATIONS

- Do not thin this product with any solvent
- Do not apply to a substrate below 55° F
- Limit exposure to harsh chemicals
- Avoid allowing "puddling" during application

### CHEMICAL RESISTANCE

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

### TYPICAL PHYSICAL PROPERTIES

Mix Ratio	2 parts A to 1 part B
Solids Content	100% (ASTM D-2697)
Viscosity Mixed	500-750 cps @ 75° F
Abrasion Resistance	<50 mg. loss (ASTM D1044-1000 cycles)
Hardness-Shore D	76-75 (ASTM D2240)
Min/Max Application Temps	55° F-80° F
Pot Life/Gel Time	20-40 minutes

### 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.

**Mixing:** Pre-mix both components separately for approximately 1-2 minutes. Combine both components and mix an additional 3 minutes at a low to medium rpm.

**Applying Product:** Pour product into "ribbons", then spread with a high-quality squeegee. Backroll the material in the opposite direction of how it was squeegeed onto the surface. **DO NOT TURN THE MIXING VESSEL (BUCKET) OVER ON THE FLOOR IN AN EFFORT TO UTILIZE THE ENTIRE CONTENTS.**

Typical Coverage will be between 80-160 square feet per gallon. This will vary depending on the surface to which the mixed product is applied.

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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.

### 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](mailto:sales@thermalchem.com)

Website: [www.thermalchem.com](http://www.thermalchem.com)

### TECHNICAL/SPECIFICATION SERVICES

Additional Product Data, complete Technical Support and Product Specifications are all available through Thermal-Chem Corporation or its 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.

### 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.