

TECHNICAL DATA

DECOESSENCE

PRODUCT #787

PRODUCT DESCRIPTION

DECOESSENCE #787 is a high-end decorative seamless flooring system that combines a blend of metallic pigment with a water-clear polymer. This unique combination will produce a unique three-dimensional look with incredible depth and vibrancy.

DECOESSENCE #787 is a two-component 99.6% solids water-clear epoxy utilizing a specifically formulated pigmented material. This seamless flooring system provides an extremely decorative and durable floor system and is an ideal replacement for vinyl tile, standard color epoxy coatings, concrete stains, and polishing.

DECOESSENCE #787 should NOT be installed alone but rather as a total flooring system comprised of a pigmented base coat such as ArmorPrime #726, DECOESSENCE #787, and a top coat such #1061, #1062, #1064 (satin), or #1065 (matte) as a wear coat.

DECOESSENCE is expressly recommended for interior applications.

Packaging: Kit sizes are available are 1, 3, 15 gallons. Available in all 13 Thermal-Chem metallic pigment colors.

ADVANTAGES

- One of kind flooring system
- Multiple pigment colors can be added for accents and highlights
- Outperforms vinyl tile, acid-base stains, and water base dyes
- 99.6% solids and is VOC compliant
- Superior hiding of substrate imperfections

LIMITATIONS

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

TYPICAL PHYSICAL PROPERTIES

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
Dry to Touch	4-6 hours
Foot Traffic	8-10 hours
Automotive Traffic	Full 24 hours
Chemical Exposure	7 full days

CHEMICAL RESISTANCE

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

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.

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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 all three components separately for approximately 1-2 minutes. Combine the metallic pigment into Part A and mix for approximately 3 minutes. Let this mixture sit for at least 1 hour to make sure pigment becomes saturated with the resin (failure to do this could leave dry pigment in the finish coat.) Add Part B 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. Using a high-quality non-shed roller cover to spread material in a random fashion. A Magic Trowel is also an alternative to achieving various "looks".

Typical Coverage will be between 60-100 square feet per gallon. This will vary depending on the surface to which the mixed product is applied. The final system should be no less than 25 mils in thickness.

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

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.