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Legacy report on the BOCA® National Building Code/1999 and the 1998 International Mechanical Code®

DIVISION: 07—THERMAL AND MOISTURE PROTECTION

Section: 07210—Building Insulation

REPORT HOLDER:

SUPERIOR PRODUCTS INTERNATIONAL II, INC.
10835 W. 78th STREET
SHAWNEE, KANSAS 66214

EVALUATION SUBJECT:

SUPER THERM

EVALUATION SCOPE

Compliance with the following codes:

BOCA® National Building Code/1999

- Section 723.2 Exposed installations
- Section 723.3 Concealed installations
- Section 803.2 Classification

1998 International Mechanical Code®

- Section 604.3 Coverings and linings

DESCRIPTION

Superior Products' SUPER THERM is a white, water-based coating consisting of a combination of acrylics, urethanes, additives and ceramic particles. SUPER THERM is a surface-applied insulating coating for interior use in exposed and concealed spaces. The coating has a Class I interior finish classification.

The coating is applied to a prepared substrate by means of an airless sprayer, roller or brush. When applied over porous substrates, the substrate shall be primed with a coating of Superior Products International II, Inc. Super Base, an elastomeric acrylic coating, prior to final application.

Application of SUPER THERM shall be limited to a maximum thickness of $\frac{1}{4}$ inch (6.4 mm) at a coverage rate of 100 ft²/gal. (2.45 m²/L).

CONDITIONS OF USE

This report is limited to the applications and products as stated in this report. The ICC-ES Subcommittee on National Codes intends that the report be used by the code official to determine that the report subject complies with the code requirements specifically addressed, provided that this product is installed in accordance with the following conditions:

- Application of Superior Products' SUPER THERM shall be in accordance with the manufacturer's installation manual, titled *Superior Products International II, Inc. Application Training Manual*, and subject to the conditions in this report.
- Application of SUPER THERM shall be limited to a maximum thickness of $\frac{1}{4}$ inch (6.4 mm) at a coverage rate of 100 ft²/gal.
- The use of the SUPER THERM as a roof covering material is outside the scope of this report.
- The use of the SUPER THERM as a component of a fire-resistance rated assembly is outside the scope of this report.
- This report is subject to periodic re-examination. For information on the current status of this report, contact the ICC-ES.

APPLICATION FOR PERMIT

To aid in the determination of compliance with this report, the following represents the minimum level of information to accompany the application for permit:

- The language "See ICC-ES Legacy Report No. 21-25" or a copy of this report;
- The manufacturer's name, product name, and total overall thickness of the coating;
- The intended product application, substrate type and coating thickness.

ITEMS REQUIRING VERIFICATION

The following items are related to the use of the report subject, but not within the scope of this evaluation. However, these items are related to the determination of code compliance:

- U Each container of SUPER THERM shall bear the product identification stated in this report.

ICC-ES legacy reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, Inc., express or implied, as to any finding or other matter in this report, or as to any product covered by the report.

INFORMATION SUBMITTED

- Omega Point Laboratories Inc., Report No. 8940-90150, dated March 21, 1990, containing results of testing performed in accordance with ASTM E 84.
- VTEC Laboratories Inc., Report No. 500-108-1, dated July 17, 2000, containing results of testing performed in accordance with ASTM C 411.
- VTEC Laboratories Inc., Report No. 100-716-9, dated March 27, 1998, containing results of thermal conductivity testing performed in accordance with ASTM C 177.
- Manufacturer's installation manual, titled *Superior Products International II, Inc. Application Training Manual*, containing requirements for application of SUPER THERM coating.

PRODUCT IDENTIFICATION

All containers of the SUPER THERM coating manufactured in accordance with this report shall bear the following identification:

- "See ICC-ES Legacy Report No. 21-25."