



evaluation scope

Compliance with the following codes:

BOCA National Building Code/1999

THERMAL INSULATING MATERIALS

- Section 723.2 Exposed installations
- Section 723.3 Concealed installations

INTERIOR FINISH

- Section 803.2 Classification
- 1998 International Mechanical Code*

INSULATION

- 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 1/4 in. (6.4 mm) at a coverage rate of 100 ft²/gal. (2.45 m²/L).

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:

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

conditions of use

This report is limited to the applications and products specifically as stated herein. BOCA-ES intends that the report be used by the code official to determine the report subject complies with the code requirements specifically addressed, provided that the products are 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 1/4 in. (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 fireresistance rated assembly is outside the scope of this report.

application for permit

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

- The language "See BOCA Evaluation Services, Inc. Research 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.

Research Report

21-25

MANUFACTURER:

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

**DIVISION 07
THERMAL AND MOISTURE
PROTECTION**

Section 07200 – Insulation

EVALUATION SUBJECT:

SUPER THERM

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Page 1 of 2

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information submitted

- Omega Point Laboratories Inc., Report No. 8940-90150, dated March 21, 1990, containing results of testing performed in accordance with ASTM E84.
- VTEC Laboratories Inc., Report No. 500-108-1, dated July 17, 2000, containing results of testing performed in accordance with ASTM C411.
- VTEC Laboratories Inc., Report No. 100-716-9, dated March 27, 1998, containing results of thermal conductivity testing performed in accordance with ASTM C177.
- 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 research report shall bear the following identification:

- "See BOCA Evaluation Services, Inc. Research Report No. 21-25."



NOTICE TO REPORT USERS

This report is subject to annual certification. Reports that are not certified shall not be used or referred to. To determine the status of certification of this report, contact BOCA Evaluation Services, Inc., or consult the latest edition of the *BOCA International Product Evaluation Listing* published periodically in the BOCA Magazine, or call the Fax-On-Demand Service at BOCA, extension 500.

This report is subject to the conditions listed herein and to the specific product, data and test reports submitted by the applicant requesting this report. Independent tests were not performed by BOCA Evaluation Services, Inc. and BOCA-ES specifically does not make any warranty, either expressed or implied, as to any findings or other matter in this report or as to any product covered by this report. Evaluation reports are not to be construed as representing aesthetics or any other attributes not specifically addressed nor as an endorsement or recommendation for the use of the report subject. This disclaimer includes, but is not limited to, merchantability.

Please contact BOCA Evaluation Services, Inc., with any questions you may have regarding this report. Additionally, please contact us if you have any information on the performance of the product described herein which is contrary to this report.

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