



**ICC Evaluation Service, Inc.**

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## Legacy report on the BOCA® *National Building Code/1999*

### DIVISION: 07—THERMAL AND MOISTURE PROTECTION

### Section: 07140—Fluid-Applied Waterproofing

#### EVALUATION SUBJECT:

**Poly-Wall Stretch Waterproofing Coating**

#### MANUFACTURER:

**PROTECTIVE COATINGS TECHNOLOGY, INC.**

**408 RED CEDAR STREET #6**

**MENOMONIE, WI 54751**

#### EVALUATION SCOPE

Compliance with the following code:

##### **BOCA *National Building Code/1999***

- Section 106.4 Alternative materials and equipment
- Section 1813.4.2.2 Wall waterproofing materials

#### DESCRIPTION

Poly-Wall Stretch waterproofing coating is a fluid-applied, one-coat elastomeric membrane. The waterproofing is intended for brush, roller or spray applications to the exterior side of below-grade walls of both parged and nonparged masonry or concrete construction. Poly-Wall Foundation Coating (Poly-Wall) or Poly-Wall FC II (Poly-Wall II, FC II) are liquid-applied thermoplastic protective coatings used as a primer for Poly-Wall Stretch.

#### 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:

- Poly-Wall Stretch shall be installed in accordance with the manufacturer's installation instructions, and this report. When the manufacturer's installation instructions differ from this report, this report shall be null and void.
- Poly-Wall Stretch is limited to applications on the exterior side of walls of concrete, parged and non-parged masonry

construction. The design and construction of the walls to which the waterproofing is to be applied shall be in accordance with the applicable requirements of the BOCA *National Building Code/1999*.

- The surface of the walls to be waterproofed shall be prepared in accordance with Section 1813.3.2.1 of the BOCA *National Building Code/1999*, prior to the application of Poly-Wall Stretch.
- Placement of backfill, site grading and erosion control shall be in accordance with the requirements of Sections 1813.6, 1813.7 and 1813.8 of the BOCA *National Building Code/1999*, respectively.
- The ambient temperature at time of application shall be between -10 degrees F. (-23°C) and 100 degrees F. (37°C) The material temperature at the time of application shall be less than 150 degrees F. (65°C).
- Poly-Wall Stretch can be applied with or without a primer. When the wall surfaces are to be primed, a minimum of one coat of Poly-Wall Foundation Coating or Poly-Wall FC II shall be applied prior to application of Poly-Wall Stretch.
- On standard foundation waterproofing applications, the upper termination of the Poly-Wall Stretch membrane shall be 4-6 inches (102-152 mm) below finish grade level.
- Poly-Wall Stretch shall be applied at a minimum rate of 40 to 55 ft<sup>2</sup>/gal (4.0 to 5.1 m<sup>2</sup>/L) to a minimum wet film thickness of 0.032 to 0.040 inch (0.813 to 1.016 mm) (32 to 40 mils).
- 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 research report, the following represents the minimum level of information to accompany the application for permit:

- The language "See ICC-ES Legacy Report No. 21-43" or a copy of this report;
- Description of substrate(s);
- Method of application and number of coats to be applied;
- Minimum cured thickness of waterproofing membrane.

*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.*

### 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:

- ✓ Detailing of joints and penetrations in the foundation wall is in accordance with Section 1813.4.3 of the *BOCA National Building Code/1999*.
- ✓ Subsoil drainage is provided in accordance with Section 1813.5 of the *BOCA National Building Code/1999*.

### INFORMATION SUBMITTED

- Robert L. Nelson & Associates, Inc., dated October 18, 2000, containing results of physical testing of the Poly-Wall Stretch.
- Robert L. Nelson & Associates, Inc., dated June 19, 2000, containing results of water permeability of Protective Coating Technology, Inc. waterproofing systems.

### PRODUCT IDENTIFICATION

All containers of Poly-Wall Stretch, or the packaging, manufactured in accordance with this research report shall bear the following identification

- "See ICC-ES Legacy Report No. 21-43."

*This report is subject to re-examination in one year.*