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**DIVISION: 07 00 00 – THERMAL AND MOISTURE PROTECTION**  
**Section: 07 10 00 – Dampproofing and Waterproofing**  
**Section: 07 14 00 – Fluid-Applied Waterproofing**

**REPORT HOLDER:**  
Superseal Construction Products Ltd.  
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**REPORT SUBJECT:**  
Superpro Foundation Coating

### 1.0 SCOPE OF EVALUATION

**1.1** This Research Report addresses compliance with the following Codes:

- 2021, 2018, and 2015 *International Building Code*® (IBC)
- 2021, 2018, and 2015 *International Residential Code*® (IRC)

NOTE: This report references 2021 Code sections. Section numbers may be different for earlier versions of the Codes.

**1.2** Superpro Foundation Coating has been evaluated for the following properties (see Table 1):

- Waterproofing
- Dampproofing

**1.3** Superpro Foundation Coating has been evaluated for the following uses (see Table 1):

- Use on the exterior of below-grade concrete foundation walls as an alternative to waterproofing and dampproofing membranes specified in IBC Section 1805 and IRC Section R406

### 2.0 STATEMENT OF COMPLIANCE

Superpro Foundation Coating complies with the Codes listed in Section 1.1, for the properties stated in Section 1.2, and uses stated in Section 1.3, when installed as described in this report, including the Conditions of Use stated in Section 6.0.

### 3.0 DESCRIPTION

**3.1 Superpro Foundation Coating** is a spray-applied below-grade foundation membrane. The membrane is available in 275-gallon totes, 55-gallon drums, and 5-gallon pails. The shelf life of Superpro Foundation Coating is 12 months when stored unopened at temperatures between 40°F and 86°F.

### 4.0 PERFORMANCE CHARACTERISTICS

**4.1 Hydrostatic Pressure Resistance:** Superpro Foundation Coating, when installed per Section 5.0 of this report over a 1/6 in. wide crack, has a resistance to hydrostatic pressure of 12.5 psi when tested in accordance with ASTM C1306.

### 5.0 INSTALLATION

**5.1 General:** Superpro Foundation Coating must be installed in accordance with the manufacturer's published installation instructions, the applicable Code, and this Research Report. A copy of the manufacturer's instructions must be available on the jobsite during installation. Application as dampproofing or waterproofing must be in accordance with IBC Sections 1805.2.2 or 1805.3.2, or IRC Sections R406.1 or R406.2, respectively,

**5.2 Application:** The surfaces to which the membrane is applied must be clean, dry, and free of dust, mud, sand, soil, frost, or loose materials. Additionally, surface preparation must comply with IBC Section 1805.2.2.1. Tie holes, pour lines, or honeycombing in the concrete foundation wall must be filled with grout or foundation mastic. The grout or mastic, when used, must be allowed to cure before the membrane is applied. Concrete surfaces must be allowed to cure and dry prior to application of the membrane. Window wells, brick ledges, indents, and protrusions on the surface of the wall must be flashed and caulked in accordance with the applicable Code and Superseal Construction Products' installation instructions.

The membrane consists of liquid emulsion and calcium accelerant, spray-applied concurrently in a ratio of 12:1 by



volume. Superpro Foundation Coating is spray-applied in two passes to the substrate, to a total wet film thickness of 60 mils (30 mils per pass) to achieve a dry film thickness of 40 mils. The membrane must be allowed to cure for a minimum of 24 to 48 hours at temperatures between 60°F to 70 °F before any backfill is placed against the foundation wall. Protection boards must be placed against the wall to protect the membrane when backfill contains angular stone or other sharp objects.

## 6.0 CONDITIONS OF USE

**6.1** Installation must comply with this Research Report, the manufacturer's published installation instructions, and the applicable Code. In the event of a conflict, this report governs.

**6.2** Application of the membrane is limited to installation on exterior vertical surfaces of below-grade cured concrete foundation walls.

**6.3** Joints and penetrations of the wall to which the membrane is applied must be made watertight in accordance with the applicable Code.

**6.4** The coating must be applied to the minimum thickness stated in Section 4.0 of this report.

**6.5** The membrane has a UV exposure limitation of 60 days.

**6.6** The Superpro Foundation Coating is manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc.

## 7.0 SUPPORTING EVIDENCE

**7.1** Reports of tests in accordance with ICC-ES Acceptance Criteria for Cold, Liquid-applied, Below-grade, Exterior Dampproofing and Waterproofing Materials (AC29), dated June 2011.

**7.2** Intertek Listing Report "Superseal – Superpro Foundation Coating", on the [Intertek Directory of Building Products](#).

## 8.0 IDENTIFICATION

The Superpro Foundation Coating is identified with the manufacturer's name, address and telephone number, the product name, the Intertek Mark as shown below, and the Code Compliance Research Report number (CCRR-0485).



## 9.0 OTHER CODES

This section is not applicable.

## 10.0 CODE COMPLIANCE RESEARCH REPORT USE

**10.1** Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

**10.2** Code Compliance Research Reports shall not be used in any manner that implies an endorsement of the product by Intertek.

**10.3** Reference to the <https://bpdirectory.intertek.com> is recommended to ascertain the current version and status of this report.

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TABLE 1 – PROPERTIES EVALUATED

PROPERTY	2021 IBC SECTION <sup>1</sup>	2021 IRC SECTION <sup>1</sup>
Waterproofing	1805.3	R406.2
Dampproofing	1805.2	R406.1

<sup>1</sup> Section numbers may be different for earlier versions of the International Codes