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**DIVISION: 07 00 00 – THERMAL AND MOISTURE PROTECTION**

**Section: 07 25 00 – Weather Barriers**

**REPORT HOLDER:**

**ISI Building Products**  
401 Truck Haven Road  
East Peoria, IL 61611  
[www.isibp.com](http://www.isibp.com)

**REPORT SUBJECT:**

**Wraprot Building Wrap**

### 1.0 SCOPE OF EVALUATION

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

- 2018, 2015, and 2012 *International Building Code*® (IBC)
- 2018, 2015, and 2012 *International Residential Code*® (IRC)

NOTE: This report references 2018 Code sections. Earlier versions of the Codes may have different section numbers.

**1.2** Wraprot Building Wrap has been evaluated for the following properties (see Table 1):

- Water resistive barrier
- Surface burning characteristics

**1.3** Wraprot Building Wrap has been evaluated for the following uses (see Table 1):

- As an alternative to the water-resistive barriers referenced in IBC Section 1403.2 and IRC Section R703.2
- In exterior plaster systems as a water-resistive barrier over wood-based sheathing under 2018 and 2015 IBC Section 2510.6, and 2018 and 2015 IRC Section R703.7.3
- In Types I, II, III, or IV construction

### 2.0 STATEMENT OF COMPLIANCE

Wraprot Building Wrap 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.

### 3.0 DESCRIPTION

**3.1 Wraprot Building Wrap** consists of a woven, polypropylene scrim with a polymer coating on the exposed side. The building wrap has a nominal weight of 1.3 pounds per 100 square feet and is available in the color white. The building wrap is available in roll widths up to 10 feet at varying lengths.

### 4.0 PERFORMANCE CHARACTERISTICS

**4.1 Surface Burning Characteristics:** Wraprot Building Wrap has a flame-spread index of 25 or less and a smoke-developed index of 450 or less when tested in accordance with ASTM E84.

**4.2 Water-resistance:** Wraprot Building Wrap has a Grade D water-resistance rating when tested in accordance with the applicable requirements of ICC-ES AC38.

### 5.0 INSTALLATION

**5.1 General:** Wraprot Building Wrap 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.

When used as a water-resistive barrier in exterior stucco applications over wood-based sheathing, the building wrap must be installed in accordance with IBC Section 2510.6 or IRC Section 703.7.3.

For use in exterior walls on buildings of Type I, II, III, or IV construction that are greater than 40 feet in height under the 2018 and 2015 IBC, the building wrap is limited to use in walls in which the water-resistive barrier is the only combustible component and the exterior wall has a wall covering of brick, concrete, stone, terra cotta, stucco, or steel, with minimum thicknesses in accordance with Table 1404.2.



Under the 2012 IBC, installation of the building wrap is limited to exterior walls in buildings of Type V-B construction.

### 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** The building wrap must be covered with an approved exterior wall covering in accordance with the applicable Code.

**6.3** The Wraptor Building Wrap 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 ASTM E84.

**7.2** Data in accordance with the ICC-ES Acceptance Criteria for Water-resistive Barriers (AC38), approved August 2016, editorially revised April 2018.

**7.3** Intertek Listing Report "ISI Building Products - Wraptor Building Wrap", on the [Intertek Directory of Building Products](https://bpdirectory.intertek.com).

### 8.0 IDENTIFICATION

The Wraptor Building Wrap is identified with the manufacturer’s name (ISI Building Products), address and telephone number, the product name, the Intertek Mark as shown below, and the Code Compliance Research Report number (CCRR-0372).



### 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	2018 IBC SECTION <sup>1</sup>	2018 IRC SECTION <sup>1</sup>
Water-resistive barrier	1403.2 2510.6	R703.2 R703.7.3
Exterior walls of Types I-IV construction	1402.5	NA

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

