

ICC-ES Evaluation Report

ESR-2955

Reissued February 1, 2011

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**DIVISION: 07 00 00—THERMAL AND MOISTURE
PROTECTION**
**Section: 07 25 00—Water-Resistive Barriers/Weather
Barriers**

REPORT HOLDER:

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EVALUATION SUBJECT:

**WATER-RESISTIVE BARRIERS: BLOCKADE™ (ALSO
KNOWN AS PROWRAP™ AND EASYBARRIER™);
EASYGARD™ (ALSO KNOWN AS PRIMESHIELD™,
BREATHE EZ™ AND WHITESHIELD™) AND EASYGARD
2™ (ALSO KNOWN AS DOCTORWRAP™)**

1.0 EVALUATION SCOPE**Compliance with the following codes:**

- 2009 *International Building Code*® (IBC)
- 2009 *International Residential Code*® (IRC)
- Other Codes (see Section 8.0)

Properties evaluated:

- Water resistance
- Surface-burning characteristics

2.0 USES

Kaps Tex™ Blockade™ (also known as ProWrap™ and EasyBarrier™), EasyGard™ (also known as Primeshield™, Breathe EZ™ and Whiteshield™) and Easygard2™ (also known as Doctorwrap) are used as water-resistive barriers on the exterior side of exterior walls of buildings of any construction type under the IBC and construction permitted under the IRC. The products are alternatives to the water-resistive barriers required in IBC Section 1404.2 and IRC Section R703.2. The products are also considered equivalent to a Grade D paper in accordance with IBC Section 2510.6 and IRC Section R703.6.3.

3.0 DESCRIPTION**3.1 General:**

The Kaps Tex products described in this evaluation report are made of woven fabric coated on both sides with UV-treated, low-density polyethylene (LDPE) coating. The membranes have a nominal thickness of 0.004 inch (0.1 mm) and basis weights of 1.9 oz/yd² (64 g/m²) for Blockade™, 2.23 oz/yd² (76 g/m²) for EasyGard™ and 2.7 oz/yd² (90 g/m²) for Easygard2™. The membranes are available in rolls of varying sizes.

3.2 Surface-burning Characteristics:

The Kaps Tex products described in this report have a flame-spread index of 25 or less and a smoke-developed index of 450 or less, when tested in accordance with ASTM E 84.

4.0 INSTALLATION

The water-resistive barriers must be installed after wall framing is completed and before windows and doors are installed. The roll must be placed a minimum of 3 inches (76 mm) from the starting corner and fastened to framing with minimum No.12 gage corrosion-resistant nails having a plastic washer head or No.16 gage corrosion-resistant staples with a minimum 1-inch (25.4 mm) crown. The membrane is unrolled around the building and fastened with nails or staples spaced between 12 and 18 inches (305 to 457 mm) at each vertical stud line. A minimum overlap of 6 inches (152 mm) must be provided for both vertical and horizontal seams. When use is over wood-based sheathing in an exterior plaster application, two layers of the product must be applied over sheathing in accordance with IBC Section 2510.6 or IRC Section R703.6.3, or one layer may be used as permitted in the exception to IBC Section 2510.6 or IRC Section R703.6.3, as applicable. For cementitious exterior wall coating or exterior insulation and finish systems, application must be in accordance with the ICC-ES evaluation report on the exterior coating.

5.0 CONDITIONS OF USE

The Kaps Tex™, Blockade™ (also known as ProWrap™ and EasyBarrier™), EasyGard™ (also known as Primeshield™, Breathe EZ™ and Whiteshield™) and Easygard2™ (also known as Doctorwrap™) water-resistive barriers described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The report holder's published installation instructions and this report must be strictly adhered to. In the event of conflict between this report and the report holder's published installation instructions, this report governs.
- 5.2 The membranes must be covered in accordance with the report holder's published installation instructions with an approved exterior wall covering complying with the applicable code.

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with the ICC-ES Acceptance Criteria for Water-resistive Barriers (AC308), dated October 2009.
- 6.2 Reports of surface-burning characteristics tests in accordance with ASTM E 84.

7.0 IDENTIFICATION

The Kaps Tex water-resistive barriers are identified by a label or stamp located on the membrane at regular intervals bearing the report holder's name (Kaps Tex Company, Ltd.) and address, the product name, the manufacturing location and the evaluation number (ESR-2955).

8.0 OTHER CODES

8.1 Evaluation Scope:

The Kaps Tex water-resistive barriers were also evaluated for compliance with the requirements of the 1997 *Uniform Building Code*[™] (UBC).

8.2 Uses:

The Kaps Tex products described in this report are used as water-resistive barriers on the exterior side of the exterior walls of buildings of Type V-N construction. The products are an alternative to the water-resistive barrier required in UBC Section 1402.1. The products are also equivalent to two layers of Grade D paper as specified in UBC Section 2506.4.

8.3 Description:

See Section 3.0.

8.4 Installation:

See Section 4.0, except when use is over wood-based sheathing in exterior plaster applications, two layers of Kaps Tex membranes must be applied over the sheathing, in accordance with Section 2506.4 of the UBC.

8.5 Conditions of Use:

The Kaps Tex membranes described in this report comply with, or are suitable alternatives to what is specified in, the UBC, subject to the conditions noted in Section 5.0.

8.6 Evidence Submitted:

See Section 6.0.

8.7 Identification:

See Section 7.0.