



ICC-ES Evaluation Report

ESR-2955

Reissued February 2023

Revised June 2024

This report is subject to renewal February 2025.

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

REPORT HOLDER:

KAPS TEX CO., LTD.

ADDITIONAL LISTEE:

CS FABRIC INT'L CORP.
PRODUCT NAME: PRIME WRAP

EVALUATION SUBJECT:

BLOCKADE™ (ALSO KNOWN AS PROWRAP™, EASYBARRIER™, BREATHE EZ 1™, AND NOVAWRAP GP); BLOCKADE PLUS™ (ALSO KNOWN AS BREATHE EZ™, EVERBILT™ AND WHITESHIELD™) AND PRIMESHIELD™ (ALSO KNOWN AS DOCTORWRAP™)

1.0 EVALUATION SCOPE

1.1 Compliance with the following codes:

- 2024, 2021, 2018, 2015, 2012 and 2009 *International Building Code*® (IBC)
- 2024, 2021, 2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)
- Other Code (see Section 8.0)

Properties evaluated:

- Water resistance
- Surface-burning characteristics

1.2 Evaluation to the following green code(s) and/or standards:

- 2022 California Green Building Standards Code (CALGreen), Title 24, Part 11
- 2020, 2015, 2012 and 2008 ICC 700 *National Green Building Standard*™ (ICC 700-2020, ICC 700-2015, ICC 700-2012 and ICC 700-2008)

Attributes verified:

See Section 3.1

2.0 USES

Blockade™ (also known as ProWrap™, EasyBarrier™, Breathe EZ 1™, NovaWrap GP and Prime Wrap), Blockade Plus™ (also known as Breathe EZ™, Everbilt™ and Whiteshield™), and Primeshield™ (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. Under the 2024, 2021, 2018, 2015 and 2012 IBC, the water-resistive barriers may be used on buildings of Types I, II, III or IV construction that are not greater than 40 feet (12.2 m) in height above grade plane, in accordance with 2024 IBC Section 1402.6 [2021 and 2018 IBC Section 1402.5 (2015 and 2012 IBC Section 1403.5)], except as permitted under Exception 1 of the 2024 IBC Section 1402.6 [2021 and 2018 IBC Section 1402.5 (2015 IBC Section 1403.5)]. The products are alternatives to the water-resistive barriers required in 2024, 2021 and 2018 IBC Section 1403.2 (2015, 2012 and 2009 IBC Section 1404.2) and IRC Section R703.2. The products are also considered equivalent to a 60-minute Grade D paper as described in 2024, 2021, 2012 and 2009 IBC Section 2510.6 and 2024, 2021, 2018 and 2015 IRC Section R703.7.3 (2012 and 2009 IRC Section 703.6.3).

3.0 DESCRIPTION

3.1 General:

The products described in this evaluation report are made of polyolefin fabric with UV-treated, polyolefin coating. The products have a nominal thickness of 0.004 inch (0.1 mm) and nominal weight grades of 1.9 oz/yd² (64.5 g/m²) for Blockade™ (also known as ProWrap™, EasyBarrier™, Breathe EZ 1™, NovaWrap GP and Prime Wrap), 2.23 oz/yd² (75.7 g/m²) for Blockade Plus™ (also known as Breathe EZ™, Everbilt™ and Whiteshield™), and 2.7 oz/yd² (91.6 g/m²) for Primeshield™ (also known as Doctorwrap). The products are available in rolls of varying sizes.

The attributes of the water-resistive barriers have been verified as conforming to the provisions of (i) CALGreen Section 5.407.1 and (ii) ICC 700-2020 Sections 602.1.8, 11.602.1.8, 1202.6 and 13.104.1.4; (iii) ICC 700-2015 Sections 602.1.8, 11.602.1.8 and 12.6.602.1.8; (iv) ICC 700-2012 Sections 602.1.8, 11.602.1.8 and 12.5.602.1.8; and (v) ICC 700-2008 Section 602.9 for water-resistive barriers. Note that decisions on compliance for those areas

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rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. These codes or standards often provide supplemental information as guidance.

3.2 Surface-burning Characteristics:

The 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 E84.

4.0 INSTALLATION

The products 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 product 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 exterior plaster applications in accordance with 2024 and 2021 IBC Section 2510.6 or 2024 and 2021 IRC Section R703.7.3, installations must be as follows:

- For dry climate zones (B) in accordance with 2024 and 2021 IBC Section 2510.6.1 or 2024 and 2021 IRC Section R703.7.3.1, the product must be applied in accordance with 2024 and 2021 IBC Section 2510.6.1 Item 1 or 2 or 2024 and 2021 IRC Section R703.7.3.1 Item 1 or 2, as applicable.

- For moist climate zones (A) or marine climate zones (C) in accordance with 2024 and 2021 IBC Section 2510.6.2 or 2024 and 2021 IRC Section R703.7.3.2, the product must be applied in accordance with the dry climate zone (B) provisions noted above and with the additional requirements noted in 2024 and 2021 IBC Section 2510.6.2 Item 1 or 2024 and 2021 IRC Section R703.7.3.2 Item 1, as applicable.

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 2012 and 2009 IBC Section 2510.6 or 2018 and 2015 IRC Section R703.7.3 (2012 and 2009 IRC Section R703.6.3), or one layer may be used as permitted in the exception to 2012 and 2009 IBC Section 2510.6 or 2018 and 2015 IRC Section R703.7.3 (2012 and 2009 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 products 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 products must be covered in accordance with the manufacturer's published installation instructions with an approved exterior wall covering complying with the applicable code.
- 5.3 The products must not be installed where ASTM E2556 Type I or II building paper is required

- 5.4 The products are manufactured under an approved quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with the ICC-ES Acceptance Criteria for Water-resistive Barriers (AC38), dated August 2016 (editorially revised July 2024).
- 6.2 Reports of surface-burning characteristics tests in accordance with ASTM E84.

7.0 IDENTIFICATION

- 7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-2955) along with the name, registered trademark, or registered logo of the report holder (Kaps Tex Company, Ltd.) or listee (CS Fabric Int'l Corp.) must be included in the product label.
- 7.2 In addition, the products are identified by a label or stamp located on the products at regular intervals bearing the address of the report holder or listee, the product name and the manufacturing location.
- 7.3 The report holder's contact information is the following:

KAPS TEX CO., LTD.
2F, 246-47 GUI-DONG
KWANGJIN-GU, SEOUL 143201
SOUTH KOREA
86-532-8666-0603
www.kapstex.com
amylee@kapstex.com
- 7.4 The additional listee's contact information is the following:

CS FABRIC INT'L CORP.
10 BAYVIEW AVE.
LAWRENCE, NEW YORK 11559
(516) 239-6886
www.csfabric.com

8.0 OTHER CODES

8.1 Evaluation Scope:

The products were also evaluated for compliance with the requirements of the 1997 *Uniform Building Code*™ (UBC).

8.2 Uses:

The 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 products 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.

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

KAPS TEX CO., LTD.

EVALUATION SUBJECT:**BLOCKADE™ (ALSO KNOWN AS PROWRAP™, EASYBARRIER™, BREATHE EZ 1™, NOVAWRAP GP AND PRIME WRAP); BLOCKADE PLUS™ (ALSO KNOWN AS BREATHE EZ™, EVERBILT™ AND WHITESHIELD™) AND PRIMESHIELD™ (ALSO KNOWN AS DOCTORWRAP™)****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that Blockade™ (also known as ProWrap™, EasyBarrier™, Breathe EZ 1™, NovaWrap GP and Prime Wrap), Blockade Plus™ (also known as Breathe EZ™, Everbilt™ and Whiteshield™), and Primeshield™ (also known as Doctorwrap™), described in ICC-ES evaluation report ESR-2955, have also been evaluated for compliance with the code(s) noted below.

Applicable code edition(s):

- 2022 California Building Code (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

- 2022 California Residential Code (CRC)

2.0 CONCLUSIONS**2.1 CBC:**

The Blockade™ (also known as ProWrap™, EasyBarrier™, Breathe EZ 1™, NovaWrap GP and Prime Wrap), Blockade Plus™ (also known as Breathe EZ™, Everbilt™ and Whiteshield™), and Primeshield™ (also known as Doctorwrap™), described in Sections 2.0 through 7.0 of the evaluation report ESR-2955, comply with CBC Chapter 14, provided the design and installation are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the applicable provisions of the CBC.

2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CRC:

The Blockade™ (also known as ProWrap™, EasyBarrier™, Breathe EZ 1™, NovaWrap GP and Prime Wrap), Blockade Plus™ (also known as Breathe EZ™, Everbilt™ and Whiteshield™), and Primeshield™ (also known as Doctorwrap™), described in Sections 2.0 through 7.0 of the evaluation report ESR-2955, comply with CRC Chapter 7, provided the design and installation are in accordance with the 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report and the applicable provisions of the CRC.

This supplement expires concurrently with the evaluation report, reissued February 2023 and revised June 2024.