



KIMBERLY-CLARK CORPORATION

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KIMBERLY-CLARK BLOCK-IT* HOUSE WRAP

CSI Sections:

07 25 00 Water-resistive Barriers/Weather Barriers

07 27 00 Air Barriers

1.0 RECOGNITION

Kimberly-Clark BLOCK-IT* House Wrap (BLOCK-IT*), recognized in this report, has been evaluated for use as a water-resistive barrier (WRB). The WRB is equivalent to 60 -minute Grade D paper and complies with ASTM E2556, Type II. The composition, durability, surface-burning characteristics, and water resistance properties of BLOCK-IT* were evaluated for compliance with the following codes.

- 2021 and 2018 International Building Code® (IBC)
- 2021 and 2018 International Residential Code® (IRC)
- 2021 and 2018 International Energy Conservation Code® (IECC)
- 2020 Florida Building Code–Building (FBC, Building) – Including HVHZ – attached supplement
- 2020 Florida Building Code–Residential (FBC, Residential) – Including HVHZ – attached supplement

BLOCK-IT* may also be used as an air barrier in accordance with Section N1102.4.1 of the IRC and Sections C402.5 and R402.4 of the IECC.

2.0 LIMITATIONS

Use of BLOCK-IT* recognized in this report is subject to the following limitations:

2.1 BLOCK-IT* shall be covered with an approved exterior wall covering complying with the applicable code and in accordance with the wall covering manufacturer’s installation instructions.

2.2 A copy of the manufacturer’s published installation instructions and this report shall be available on the jobsite and strictly adhered to at all times during installation. Where conflicts occur, the more restrictive provision governs.

2.3 Installations on exterior walls of buildings is limited to Type I, II, III, and IV construction up to 40 feet (12 192 mm) in height above the grade plane, except where exception 1 of IBC Section 1402.5 is applicable, buildings of Type V construction, and non-fire-resistance-rated construction permitted under the IRC.

2.4 BLOCK-IT* is produced in Richmond, VA; Tlaxco City, Mexico; and Corinth, MS.

3.0 PRODUCT USE

3.1 General: BLOCK-IT* may be used as a water-resistive barrier on the exterior side of exterior walls of buildings.

3.2 Installation: BLOCK-IT* shall be installed on the outside of the insulation cavity, over an approved exterior sheathing board or insulation in accordance with the manufacturer’s installation instructions, with the fabric printed side installed facing the exterior. Horizontal overlaps shall be at least 6 inches (152.4 mm), and vertical overlaps at least 6 inches (152.4 mm) and shall extend over the foundation by 2 inches (51 mm).

BLOCK-IT* shall be applied over wood sheathing in accordance with Section 2510.6 of the IBC when used for exterior plaster applications.

4.0 PRODUCT DESCRIPTION

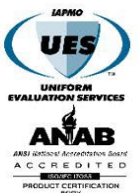
BLOCK-IT* is a spunbond polypropylene fabric and non-perforated breathable barrier that includes stabilizing agents for ultraviolet light and thermal cycling. The product is embossed for drainage purposes.

BLOCK-IT* has a flame spread index of not more than 25 and a smoke-developed index of not more than 450 when tested in accordance with ASTM E84.

BLOCK-IT* has an air leakage rate not exceeding 0.02 L/s-m² at 75 Pa [0.004 cfm-ft² at 0.3 w.g. (1.57 psf)] when used as an air barrier in accordance with Section N1102.4.1 of the IRC and Sections C402.5 and R402.4 of the IECC.

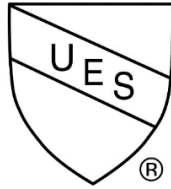
5.0 IDENTIFICATION

Kimberly-Clark BLOCK-IT* House Wrap is identified with the Kimberly-Clark BLOCK-IT* name and trademark, and the evaluation report number (ER-795), printed on the surface at regular intervals.





The identification may also include the IAPMO Uniform Evaluation Service Mark of Conformity as shown below:



IAPMO UES ER-795

6.0 SUBSTANTIATING DATA

The following data was reviewed, evaluated, and used to establish recognition of Kimberly-Clark BLOCK-IT* House Wrap for the uses described in Section 1.0 of this report. The test reports are from laboratories in compliance with ISO/IEC 17025.

6.1 Data in accordance with the Acceptance Criteria for Water-resistive Barriers (AC38).

6.2 Reports of testing of air permeance in accordance with ASTM E2178.

6.3 Reports of flame spread and smoke-developed in accordance with ASTM E84.

6.4 Quality control manual.

7.0 REFERENCE CODE SECTIONS

The code references apply to the recognition provided in this report but may not include every code section related to the use of this product.

International Building Code:

- Section 104.11 Alternative materials, design and methods of construction and equipment.
- Section 202 Definitions (Air-Impermeable Insulation)
- Section 2510.6 Water-resistive barriers.

International Residential Code:

- Section R104.11 Alternate materials, design and methods of construction and equipment.
- Section R202 Definitions (Air-Impermeable Insulation).
- Section R703.7.3 Water-resistive barriers.
- Section N1102.4.1 Building Thermal Envelope.

International Energy Conservation Code:

- Section C102 Alternative Materials, Design and Methods of Construction and Equipment.
- Section C402.5 Building Envelope Requirements.
- Section R102 Alternative Materials, Design and Methods of Construction and Equipment.
- Section R402.4 Building Thermal Envelope.

8.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research completed by IAPMO Uniform Evaluation Service on Kimberly-Clark BLOCK-IT* House Wrap to assess conformance to the codes shown in Section 1.0 of this report and serves as documentation of the product certification. Kimberly-Clark BLOCK-IT* House Wrap is manufactured at locations noted in Section 2.4 of this report under a quality control program with periodic inspection under the supervision of IAPMO UES.

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org



FLORIDA SUPPLEMENT

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1.0 RECOGNITION

Kimberly-Clark BLOCK-IT* House Wrap, as recognized in IAPMO UES ER-795, has been evaluated for compliance with the following codes:

- 2020 Florida Building Code®–Building (FBC, Building)
- 2020 Florida Building Code®–Residential (FBC, Residential)

Kimberly-Clark BLOCK-IT* House Wrap has also been evaluated for and found to be in compliance with the High-Velocity Hurricane Zone provisions of the Florida Building Code®–Building and the Florida Building Code®–Residential.

2.0 LIMITATIONS

Kimberly-Clark BLOCK-IT* House Wrap, as recognized in IAPMO UES ER-795 and this supplement, is subject to the following limitations:

2.1 Design requirements shall be determined in accordance with the Florida Building Code®–Building and the Florida Building Code®–Residential, as applicable.

2.2 Use and installation of Kimberly-Clark BLOCK-IT* House Wrap shall be in accordance with the 2018 International Building Code® provisions of IAPMO UES ER-795, unless otherwise noted in this supplement.

2.3 Verification that the report holder’s quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission (or the building official when the report holder does not possess an approval by the Commission), to provide oversight and determine that the products are being manufactured as described in this evaluation report to establish continual product performance shall be provided for products falling under Section (5)(d) of Florida Rule 61G20-3.009.

2.4 This supplement expires concurrently with ER-795.

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org