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DIVISION: 07—THERMAL AND MOISTURE PROTECTION
Section: 07280—Water-Resistive Barriers

REPORT HOLDER:

KB BUILDING PRODUCTS
13540 EAST BOUNDARY ROAD
BUILDING 1, SUITE 102
MIDLOTHIAN, VIRGINIA 23112-3943
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EVALUATION SUBJECT:

BREATHE EZ® HOUSEWRAP

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2006 *International Building Code*® (IBC)
- 2006 *International Residential Code*® (IRC)

Property evaluated:

Physical properties

2.0 USES

Breathe EZ® Housewrap is used as a water-resistive barrier on the exterior side of exterior walls of buildings of Type V-B (IBC) construction and construction permitted under the IRC. The Breathe EZ® Housewrap is equivalent to Grade D paper as described in IBC Section 2510.6 and IRC Section R703.6.3.

3.0 DESCRIPTION

Breathe EZ® Housewrap is a woven, microperforated, polyolefin material, white in color, with an average basis weight of 2.1 ounces per square yard (+/-0.3) [72 g/m² (+/-10)], and is produced in rolls of varying size.

4.0 INSTALLATION

Breathe EZ® Housewrap is installed after wall framing is completed and before or after windows and doors are installed. The roll is placed approximately 6 inches (152 mm) from the starting corner and fastened to the sheathing with corrosion-resistant staples with minimum 1-inch (25.4 mm) crowns, corrosion-resistant nails having minimum 3/8-inch-diameter (9.5 mm) heads or corrosion-resistant nails having 1-inch-diameter (25.4 mm) plastic washer heads, spaced at a minimum of 6 inches (152 mm) vertically; and is unrolled

around the building and fastened with nails or staples spaced between 12 and 18 inches (305 to 457 mm) on center at top and bottom sill plates and at framing members. The printed side is installed facing the outside. A minimum of 6 inches (102 mm) of overlap must be provided for vertical seams and 2 inches (51 mm) for horizontal seams, except where the manufacturer's installation instructions specify a greater overlap dimension. When use is over wood-based sheathing in exterior plaster applications, two layers of product must be applied over sheathing in accordance with IBC Section 2510.6 or IRC Section R703.6.3. For cementitious coatings or exterior insulation and finish systems, application must be in accordance with the evaluation report on the exterior coating.

The manufacturer's published installation instructions and this report are to be strictly adhered to. If requested by the code official, a copy of this report is to be available at the jobsite during installation. In the event of a conflict between this report and the manufacturer's published installation instructions, this report governs.

5.0 CONDITIONS OF USE

The Breathe EZ® Housewrap water-resistive barrier described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the condition that the product is limited to use on buildings of Type V-B (IBC) construction and construction permitted by the IRC.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Water-resistive Barriers (AC38), dated February 2008.

7.0 IDENTIFICATION

The Breathe EZ® Housewrap water-resistive barrier described in this report is identified by a label on the container of each roll of membrane and by printing on the product, bearing the report holder's name (KB Building Products), address, and telephone number; the manufacturing location (Adel, Georgia); the product name; and the evaluation report number (ESR-2368).