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

REPORT HOLDER:  
DUPONT DE NEMOURS, INC.  

EVALUATION SUBJECT:  
DUPONT WEATHERMATE™ BASIC HOUSE WRAP  

1.0 EVALUATION SCOPE  
1.1 Compliance with the following codes:  
- 2006 International Building Code® (IBC)  
- 2006 International Residential Code® (IRC)  
- BOCA® National Building Code/1999 (BNBC)  
- 1999 Standard Building Code© (SBC)  
- 1997 Uniform Building Code™ (UBC)  

Properties evaluated:  
- Water resistance  
- Surface burning characteristics  

1.2 Evaluation to the following green code(s) and/or standards:  
- 2019 California Green Building Standards Code (CALGreen), Title 24, Part 11  

Attributes verified:  
See Section 3.1  

2.0 USES  
DuPont Weathermate™ Basic House Wrap is used as a water-resistive barrier on the exterior side of exterior walls.  

3.0 DESCRIPTION  
3.1 General:  
DuPont Weathermate™ Basic House Wrap consists of a perforated, micro-porous, woven polyolefin fabric, with an additional polyolefin coating. Sheets are available in rolls of varying size.  

DuPont Weathermate™ Basic House Wrap is an alternative to the water-resistive barrier specified in IBC Section 2510.6; and is an alternative to the water-resistive barrier specified in IRC Section R703.2; is an alternative to the Type 15 felt specified in BNBC Section 1406.3.6; is an alternative to the Type 15 felt specified in SBC Section 2303.3; and is equivalent to Grade D building paper as described in UBC Standard 14-1.  

The attributes of the water-resistive barrier have been verified as conforming to the provisions of (i) CALGreen Section 5.407.1 and (ii) ICC 700-2015 Section 602.1.8, 11.602.1.8 and 12.6.602.1.8; (iii) ICC 700-2012 Section 602.1.8, 11.602.1.8 and 12.5.602.1.8; and (iv) ICC 700-2008 Section 602.9 for water-resistive barriers. Note that decisions on compliance for those areas 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:  
DuPont Weathermate™ Basic House Wrap has a flame-spread index of less than 25 and a smoke-developed index of less than 450, when tested in accordance with ASTM E84.  

4.0 INSTALLATION  
4.1 General:  
The water-resistive barrier listed in this report must be installed on the exterior side of exterior walls over exterior sheathing or insulation. The manufacturer’s published installation instructions and this report must be strictly adhered to, and a copy of the instructions must be available at all times on the jobsite during installation. The instructions within this report govern if there are any conflicts between the manufacturer’s published installation instructions and this report.  

4.2 Application:  
The water-resistive barrier listed in this report must be installed after wall framing is completed. The start of the roll must be placed a distance from the corner of approximately 2 to 3 feet (0.6 to 0.9 m), and fastened using staples, large-headed nails, or roofing nails spaced a maximum of 18 inches (457 mm) on center. The wrap is then unrolled around the building and fastened with nails or staples spaced a maximum of 32 inches (813 mm) on center, vertical and horizontal. A minimum of 2 inches (51 mm) of overlap is required for the sheet in the horizontal direction, while 6 inches (152 mm) is required in the vertical direction.  
When used over foam insulation boards, the sheet must be fastened with roofing nails or other large-headed nails
long enough to penetrate through the insulation into the framing studs.

When use is over wood-based sheathing in exterior plaster applications, in areas enforcing the IBC and IRC, two layers of the product must be applied over the sheathing, in accordance with IBC Section 2510.6, IRC Section R703.6.3 or UBC Section 2506.4, as applicable. For cementitious coatings or exterior insulation and finish systems, application of the barrier must be in accordance with the evaluation report on the exterior coating.

5.0 CONDITIONS OF USE

The DuPont Weathermate™ Basic House Wrap, 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 following conditions:

5.1 The product must be installed in accordance with the report holder’s published installation requirements, the requirements of the applicable code and this report. In the event of a conflict between this report and the published installation instructions, this report governs.

5.2 The water-resistive barriers recognized in this report may be used in any construction type under the IBC and in construction under the IRC, but are limited to Type 5 construction under the BNBC, Type VI under the SBC and Type V under the UBC.

6.0 EVIDENCE SUBMITTED


6.2 Test reports in accordance with ASTM E84.

7.0 IDENTIFICATION

7.1 Sheets shall be identified with the report holders name (DuPont de Nemours, Inc.) and address, the product name, and the evaluation report number (ESR-3003).

7.2 The report holder’s contact information is the following:

DUPONT DE NEMOURS, INC.
1501 LARKIN CENTER DRIVE
MIDLAND, MICHIGAN 48642
(866) 583-2583
www.dupont.com/building