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

REPORT HOLDER:

INTERTAPE POLYMER CORPORATION
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ADDITIONAL LISTEES:

THE DOW CHEMICAL COMPANY
200 LARKIN CENTER
MIDLAND, MICHIGAN 48674
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PROTECTO WRAP COMPANY
1955 SOUTH CHEROKEE STREET
DENVER, COLORADO 80223
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INTERNATIONAL BUILDING COMPONENTS INC.
POST OFFICE BOX 893
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PERMA "R" PRODUCTS, INC.
606 OLD QUITMAN ROAD
ADEL, GEORGIA 31620
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SCHNEE-MOREAD, INC., AN ITW COMPANY
111 NORTH NURSERY ROAD
IRVING, TEXAS 75060
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PAISLEY PRODUCTS OF CANADA INCORPORATED
40 UPTON ROAD
TORONTO, ONTARIO M1L 2B8
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(416) 751-3700

EVALUATION SUBJECT:

FLEX-GARD® PERFORATED HOUSEWRAP AND FLEX-GARD® ASPIRE BREATHABLE HOUSEWRAP (ADDITIONAL LISTEE PRODUCT NAMES: WEATHERMATE, DRI-SHIELD, AND WATERBLOCK™ PREMIUM WOVEN HOUSEWRAP; PERMAWRAP™ PERFORATED HOUSEWRAP; PERMAPRO™ PERFORATED

HOUSEWRAP; DRI-SHIELD II, PERMAGARD™, PERMAGUARD™ HOUSEWRAP, AND PRO INSTALLER® MOLD BLOCKER HOUSEWRAP; AND XMARK HOUSEWRAP)

1.0 EVALUATION SCOPE

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)

Property evaluated:

Physical properties

2.0 USES

FLEX-GARD® Perforated HouseWrap and Flex-Gard® Aspire Breathable HouseWrap are used as a water-resistive barrier on the exterior side of exterior walls of buildings of Type V-B (IBC) [Type V-N (UBC), Type 5B (BNBC), Type VI (SBC)] construction and construction permitted under the IRC. The term "water-resistive barrier" in this report includes water-resistive barriers under IBC Section 1404.2, IRC Section R703 and BNBC Section 1404.3, and a moisture protection barrier under SBC Section 2303.3. They are also equivalent to Grade D building paper as described in UBC Standard 14-1 under UBC Section 1402.1.

FLEX-GARD Perforated HouseWrap is sold under the names WeatherMate, Dri-Shield, WaterBlock Premium Woven Housewrap, PermaWrap™ Perforated Housewrap, Permapro™ Perforated Housewrap, Pro Installer® Mold Blocker Housewrap and XMark House Wrap. These names apply wherever FLEX-GARD Perforated HouseWrap is referenced.

FLEX-GARD Aspire Breathable HouseWrap is sold under the names Dri-Shield II, PermaGard™ and PermaGuard™ Housewrap. These names apply wherever FLEX-GARD Aspire Breathable HouseWrap is referenced.

3.0 DESCRIPTION

FLEX-GARD® Perforated HouseWrap is a woven, perforated, polypropylene material with a nominal thickness of 4 mils [0.004 inch (0.10 mm)] and a basis weight of 2.4 ounces per square yard (81 g/m²). It is produced in rolls up to 144 inches (3658 mm) wide.

FLEX-GARD® Aspire Breathable HouseWrap is a nonwoven polypropylene material with a nominal thickness of 17 mils [0.017 inches (0.4 mm)] and a basis weight of 2.76 ounces per square yard (93.5 g/m²). It is produced in rolls up to 120 inches (3048 mm) wide.

4.0 INSTALLATION

The water-resistive barriers are installed after wall framing is completed and before windows and doors are installed. The roll is placed approximately 6 inches (152 mm) from the starting corner and fastened to framing members or sheathing with corrosion-resistant staples with minimum 1-inch (25.4 mm) crowns, corrosion-resistant nails having minimum $\frac{3}{8}$ -inch-diameter (9.5 mm) heads, or corrosion-resistant nails having 1-inch-diameter (25.4 mm) plastic washer heads, spaced at a maximum of 6 inches (152 mm) on center; and is then unrolled around the building and fastened with nails or staples spaced at a maximum of 12 inches (305 mm) on center. The printed side is installed facing the outside. A minimum of 6 inches (152 mm) of overlap is provided for vertical seams and 4 inches (102 mm) for horizontal seams, except where the manufacturer's published installation instructions specify a greater overlap dimension. When use is over wood-based sheathing in exterior plaster applications, two layers of product are applied over sheathing in accordance with Section 2510.6 of the IBC, IRC Section R703.6.3 or Section 2506.4 of the UBC, as applicable. 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 must 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 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 condition: The membranes are limited to use on buildings of Type V-B (IBC) [Type V-N (UBC), Type 5B (BNBC), Type VI (SBC)] 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 June 2004.

7.0 IDENTIFICATION

The water-resistive barriers must be identified by a label on each roll of membrane, bearing the name of one of the companies listed in this report, the manufacturing location (Truro, NS and/or Adel, GA), the product name and the evaluation report number (ESR-2235).