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

REPORT HOLDER:

HGP
13962 GARFIELD STREET
SPRING LAKE, MICHIGAN 49456
(616) 846-0804
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EVALUATION SUBJECT:

HOMEGUARD™ HOUSEWRAP

1.0 EVALUATION SCOPE

Compliance with the following codes:

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

Properties evaluated:

Physical properties

2.0 USES

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

3.0 DESCRIPTION

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

4.0 INSTALLATION

The manufacturer's published installation instructions and this report must 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.

HomeGuard™ 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. The material 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 vertical 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 (152 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.

5.0 CONDITIONS OF USE

The HomeGuard™ 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 housewrap is limited to use on buildings of Type V-B construction (IBC) 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 HomeGuard™ Housewrap described in this report is identified by a label on the packaging of each roll of membrane and by printing on the product, bearing the report holder's name (HGP), address, and telephone number; the manufacturing location (Adel, Georgia); the product name; and the evaluation report number (ESR-2638).