DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
SECTION: 07 25 00—WATER-RESISTIVE BARRIERS/WEATHER BARRIERS

REPORT HOLDER:

FABRENE, INC.

EVALUATION SUBJECT:

AIRGARD VALUE™, AIRGARD EXTRA™ AND AIRGARD XL™ WATER-RESISTIVE BARRIERS

“2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence”
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1.0 EVALUATION SCOPE
1.1 Compliance with the following codes:
- 2006 International Building Code® (IBC)
- 2006 International Residential Code® (IRC)

Property evaluated:
Physical properties

1.2 Evaluation to the following green code(s) and/or standards:
- 2016 California Green Building Standards Code (CALGreen), Title 24, Part 11

Attributes verified:
See Section 2.0

2.0 USES
AirGard Value™, AirGard Extra™ and AirGard XL™ are used as a water-resistive barrier on the exterior side of exterior walls of buildings of Type V-B construction and construction permitted under the IRC. AirGard Value™, AirGard Extra™ and AirGard XL™ are alternatives to the water-resistive barrier specified in IBC Section 1404.2 and IRC Section R703.2 and are also equivalent to 60 minute Grade D paper as described in IBC Section 2510.6 and IRC Section R703.6.3.

The attributes of the water-resistive barriers 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.

3.0 DESCRIPTION
3.1 AirGard Value™:
A sheet membrane comprised of a layer of woven polypropylene that is coated on one side with polypropylene and is then microperforated. The sheet membrane is white in color on the exposed surface. The material has a basis weight of 0.21 ounce per square foot (66 g/m²) and is produced in rolls of varying size.

3.2 AirGard Extra™:
A multilayered sheet membrane comprised of a layer of nonwoven polypropylene, a laminating coating layer, polyethylene scrim and another layer of nonwoven polypropylene. AirGard Extra™ is white in color on the exposed surface. The material has a basis weight of 0.36 ounces per square foot (110.3 g/m²) and is produced in rolls of varying size.

3.3 AirGard XL™:
A sheet membrane comprised of a layer of nonwoven polypropylene that is coated on one side with a clear coating. The material is white in color on the exposed surface, and has a basis weight of 0.39 ounce per square foot (117.5 g/m²). It is produced in rolls of varying size.

4.0 INSTALLATION
The membranes are installed after wall framing is completed and before windows and doors are installed. The roll is placed a minimum of 6 inches (152 mm) from the starting corner and fastened to the sheathing with corrosion-resistant nails having minimum 1-inch-diameter (25.4 mm) plastic washer heads or cap heads, spaced at a maximum of 16 inches (406 mm) on center, or corrosion-resistant staples with minimum 1-inch (25.4 mm) crowns spaced a maximum of 12 inches (305 mm) on center; and is then unrolled around the building and fastened with nails spaced at a maximum of 16 inches (406 mm) on center or staples spaced 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 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 used over wood-based sheathing in exterior plaster applications, the product must be applied over sheathing in accordance with exceptions to IBC Section 2510.6 or IRC Section R703.6.3. For use under 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 must 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 AirGard Value™, AirGard Extra™ and AirGard XL™ 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 conditions that installation is in accordance with the applicable code, this report and the manufacturer’s published installation instructions and installation is limited to use on buildings of Type V-B 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 October 2009.

7.0 IDENTIFICATION

7.1 The AirGard Value™, AirGard Extra™ and AirGard XL™ water-resistive barriers described in this report are identified by a label on the container and by printing at regular intervals on the product, bearing the report holder’s name (Fabrene), the manufacturing location (North Bay, Ontario; Waynesboro, Virginia; or San Luis Potosi, Mexico), the product name (AirGard Value, AirGard Extra or AirGard XL), and the evaluation report number (ESR-2443).

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

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