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

REPORT HOLDER:

A PROCTOR GROUP LTD.

EVALUATION SUBJECT:

WRAPTITE™ WEATHER RESISTIVE BARRIER
DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 25 00—Water-resistive Barriers/Weather Barriers

REPORT HOLDER:
A PROCTOR GROUP LTD.

EVALUATION SUBJECT:
WRAPITIE™ WEATHER RESISTIVE BARRIER

1.0 EVALUATION SCOPE
1.1 Compliance with the following codes:
- 2012, 2009 and 2006 International Residential Code® (IRC)

Properties evaluated:
- Water-resistance
- Surface-burning characteristics

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

Attributes verified:
- See Section 3.1

2.0 USES
Wraptite™ weather resistive barriers are used as a water-resistive barrier on the exterior side of exterior walls of buildings of all construction types permitted under the IBC, construction permitted under the IRC and as a component of fire-resistance-rated wall assemblies. The product is equivalent to Grade D paper in accordance with IBC Section 2510.6 and IRC Section 703.6.3.

The Wraptite™ water-resistive coating system may be used in all types of construction, except that under the 2012 IBC for Types I through IV construction, recognition is limited to use in exterior walls of buildings having a maximum height of 40 feet (12.2 m) above grade plane. The Wraptite™ water-resistive coating system may also be used on construction permitted under the IRC.

3.0 DESCRIPTION
3.1 Wraptite™:
Wraptite™ is a spun-bonded, nonperforated, polypropylene material with a nominal thickness of 0.023 inch and a basis weight of 5.01 ounces per square yard (170 g/m²). The material is available in rolls. The membrane is orange-brown on the exterior surface and white on the unexposed surface.

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 12.6.602.1.8; 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:
The Wraptite™ has a flame spread index of 25 or less and a smoke-developed index of less than 450, when tested in accordance with IBC Section 802.1.

4.0 INSTALLATION
Wraptite™ is 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, unrolled around the building and fastened to the sheathing with either minimum No. 12 gage [0.019-inch-diameter shank (0.48 mm)] corrosion-resistant or stainless steel nails having minimum 3/8-inch-diameter (9.5 mm) heads, or minimum No. 14 [0.083-inch-diameter shank (2.1 mm)] corrosion-resistant or stainless steel nails having 1-inch-diameter (25.4 mm) caps, or minimum No. 16 gage stainless steel staples with minimum 1-inch (25.4 mm) crowns, spaced at a maximum of 24 inches (610 mm) on center; and is unrolled around the building and fastened with nails or staples spaced at a maximum of 24 inches (610 mm) on center along the top and bottom. The colored side must be installed facing the outside. Where the seams are not to be taped, the vertical seams must be overlapped a minimum of 12 inches (305 mm) and the horizontal seams must be overlapped a minimum of 6 inches (152 mm). Where the seams are to be taped, a minimum overlap of 6 inches (152 mm) must be provided for both vertical and horizontal seams. The type of tape used must be as set forth in the manufacturer’s published
installation instructions. 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, 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 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 Wraptite™ membrane 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 water-resistive barrier must be installed in accordance with the manufacturer’s published installation instructions, the requirements of the applicable code and this report. In the event of a conflict between this report and the manufacturer’s published installation instructions, this report governs.

5.2 The water-resistive barrier must be covered by an exterior wall finish complying with the applicable code.

5.3 Under the 2012 IBC, installation on exterior walls on buildings of Type I, II, III and IV construction is limited to buildings that are not greater than 40 feet in height above the grade plane.

5.4 The product is manufactured under a quality-control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

6.1 Data in accordance with the ICC-ES Acceptance Criteria for Water-resistive Barriers (AC38), dated January 2013.

6.2 Report of testing in accordance with ASTM E84.

7.0 IDENTIFICATION

7.1 The Wraptite™ membrane described in this report is identified by a label, on the wrapper of each roll of membrane, bearing the manufacturer’s name (A Proctor Group), the product name, the manufacturing location (Forfar, Angus, Scotland), and the evaluation report number (ESR-1916).

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

A PROCTOR GROUP LTD.
THE HAUGH, BLAIRGOWRIE
PERTHSHIRE, SCOTLAND, PH10 7ER
UNITED KINGDOM
(44) 1250 87 2261
www.proctorgroup.com
technical@proctorgroup.com