

ICC-ES Evaluation Report

ESR-2431

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

FIBERWEB, INC.
70 OLD HICKORY BOULEVARD
OLD HICKORY, TENNESSEE 37138
(615) 847-7000
www.fiberweb.com

EVALUATION SUBJECT:**TYPAR® STORMWRAP™****1.0 EVALUATION SCOPE****Compliance with the following codes:**

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

Property evaluated:

Physical properties

2.0 USES

Typar® StormWrap™ is 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. Typar® StormWrap™ is an alternative to the water-resistive barrier specified in IBC Section 1404.2 and IRC Section R703.2, and is also equivalent to Grade D paper as described in IBC Section 2510.6 and IRC Section R703.6.3.

3.0 DESCRIPTION

Typar® StormWrap™ is a composite, nonwoven sheet material consisting of a nonwoven polypropylene sheet coated with a microporous polypropylene film, with a basis weight of 0.85 ounce per square foot (260 g/m²), and is produced in rolls of varying size.

4.0 INSTALLATION

Typar® StormWrap™ 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 and fastened to the sheathing with 1¹/₄-inch-long (32 mm) corrosion-resistant nails having

minimum 1-inch-diameter (25.4 mm) plastic washer heads or cap heads, or corrosion-resistant coarse thread screws having minimum 1-inch-diameter (25.4 mm) plastic washer heads, spaced at a minimum of 16 inches (406 mm) vertically; and is then unrolled around the building and fastened with nails or staples spaced between 16 and 24 inches (406 to 610 mm) on center at top and bottom sill plates and at 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 used over wood-based sheathing in exterior plaster applications, the product must be applied over sheathing in accordance with 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 Typar® StormWrap™ 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 conditions that installation is in accordance with the applicable code, this report and the manufacturer's published installation instructions, and installation is limited to 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

The Typar® StormWrap™ described in this report is identified by a label on the container of each roll of membrane and by printing at regular intervals on the product, bearing the report holder's name (Fiberweb), address, and telephone number; the manufacturing location (Old Hickory, Tennessee); the product name (StormWrap); and the evaluation report number (ESR-2431).