

# ICC-ES Evaluation Report

**ESR-2801**

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**DIVISION: 07 00 00—THERMAL AND MOISTURE  
PROTECTION****Section: 07 25 00—Water-Resistive Barriers/Weather  
Barriers****REPORT HOLDER:****OWENS CORNING FOAM, LLC  
ONE OWENS CORNING PARKWAY  
TOLEDO, OHIO 43659****EVALUATION SUBJECT:****PINKWRAP® AND TRUWRAP® WATER-RESISTIVE  
BARRIERS****1.0 EVALUATION SCOPE****Compliance with the following codes:**

- 2009 and 2006 *International Building Code*® (IBC)
- 2009 and 2006 *International Residential Code*® (IRC)

**Property evaluated:**

Water resistance

**2.0 USES**

PinkWrap and TruWrap water-resistive barriers are used as water-resistive barriers on the exterior side of exterior walls of buildings of Type V-B construction and non-fire-resistance-rated construction permitted under the IRC. PinkWrap and TruWrap water-resistive barriers are alternatives to the water-resistive barriers specified in IBC Section 1404.2 and IRC Section R703.2.

The products are also considered equivalent to 60-minute Grade D paper as described in IBC Section 2510.6 and IRC Section R703.6.3.

**3.0 DESCRIPTION****3.1 PinkWrap® Moisture Barrier:**

PinkWrap® consists of a perforated, microporous, woven polyolefin fabric, with an additional polyolefin coating. The sheets have an average weight of 14.52 pounds per 1000 square feet (0.070 kg/m<sup>2</sup>) and are produced in rolls of varying size.

**3.2 TruWrap® Moisture Barrier:**

TruWrap® Moisture Barrier is similar to PinkWrap, except that TruWrap has an average weight of 13.47 pounds per 1000 square feet (0.065 kg/m<sup>2</sup>).

**4.0 INSTALLATION**

The report holder'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 published installation instructions, this report governs.

PinkWrap and TruWrap water-resistive barriers 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 of the wrap is installed facing the outside. A minimum of 6 inches (102 mm) of overlap must be provided for vertical seams and 2 inches (52 mm) for horizontal seams, except where the published installation instructions specify a greater overlap. When used over wood-based sheathing in exterior plaster applications, the product must be applied over the sheathing in accordance with IBC Section 2510.6 or IRC Section R703.6.3, using two layers of the product or using one layer together with an intervening layer. 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 PinkWrap and TruWrap 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 conditions:

- 5.1** The published installation instructions and this report must be strictly adhered to. In the event of a conflict between this report and the published installation instructions, this report governs.
- 5.2** The membrane must be covered in accordance with the installation instructions with an approved exterior wall covering complying with the applicable code.

**6.0 EVIDENCE SUBMITTED**

Data in accordance with ICC-ES Acceptance Criteria for Water-resistive Barriers (AC38), dated October 2009.

**7.0 IDENTIFICATION**

PinkWrap and TruWrap water-resistive barrier products are identified by a label on the container and by printing at regular intervals on the product, bearing the report holder's name (Owens Corning), the product name (PinkWrap® or TruWrap® water-resistive barrier), and the evaluation report number (ESR-2801).