ICC-ES Listing Report

Issued September 2023

ESL-1564

This listing is subject to renewal September 2024.

CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 25 00—Water-Resistive Barriers/Weather Barriers
Section: 07 27 00—Air Barriers

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: TAMLYNWRAP™ DRAINABLE WRB AND TAMLYNWRAP™ PROSELECT (NONDRAINABLE)

Listee: R.H. TAMLYN & SONS

Evaluation: TamlynWrap™ Drainable WRB and TamlynWrap™ ProSelect (Nondrainable) were evaluated based on testing in accordance with the following standards:

- NFPA 285-19, Standard Fire Test Method for the Evaluation of Fire Propagation Characteristics of Exterior Non-load-bearing Wall Assemblies Containing Combustible Components, National Fire Protection Association.

Findings: Evaluation of TamlynWrap™ Drainable WRB and TamlynWrap™ ProSelect (Nondrainable), as components of the assembly, have met the performance criteria in accordance with NFPA 285 as described in the ICC Design Listing, and as referenced in the applicable sections of the following code editions:

- 2021 *International Building Code*® (IBC)
  Applicable Section: 2603.5.5
- 2021 *International Residential Code*® (IRC)
  Applicable Section: R301.1.3

Identification:

1. The ICC-ES mark of conformity, electronic labeling, the listing report number (ICC-ES ESL-1564), and when applicable, the ICC-ES Listing Mark, along with the name, registered trademark, or registered logo of the listee must be included in the product label.
2. In addition, TamlynWrap™ Drainable WRB and TamlynWrap™ ProSelect (Nondrainable) are identified by a label that includes the product name and the name and address of the manufacturer (R.H. Tamlyn & Sons).
3. The report holder's contact information is the following:

   R.H. TAMLYN & SONS
   13623 PIKE ROAD
   STAFFORD, TEXAS 77477-5103
   (281) 499-9604
   (800) 384-1676
   www.tamlynwrap.com

Installation: TamlynWrap™ Drainable WRB and TamlynWrap™ ProSelect (Nondrainable) must be installed in accordance with R.H. Tamlyn & Son's published installation instructions and applicable codes.

Conditions of Listing:

1. The listing report addresses only conformance with the standards and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing applies only to the materials tested and as submitted for review by ICC-ES.
4. TamlynWrap™ Drainable WRB and TamlynWrap™ ProSelect (Nondrainable) are manufactured under a quality control program with inspections by ICC-ES.

ICC Design No. TMP-1564-01

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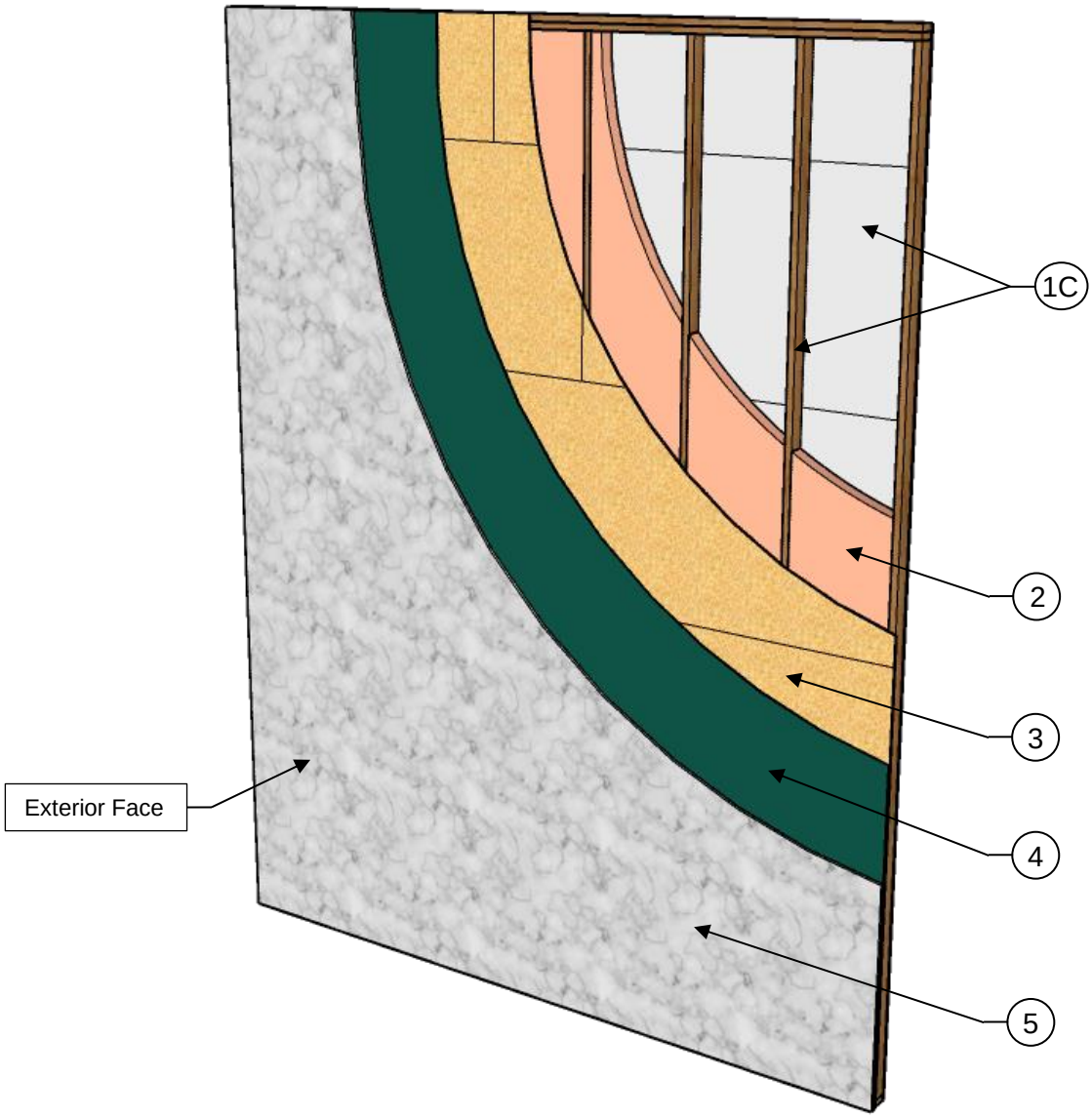
Applicant: R.H. TAMLYN & SONS

Product: TAMLYNWRAP™ DRAINABLE WRB AND TAMLYNWRAP™ PROSELECT (NONDRAINABLE)

Standard: NFPA 285

TMP = Thermal and Moisture Protection



COMPONENTS OF CONSTRUCTION:

ITEM NO.	WALL COMPONENTS	MATERIALS
1	Base Wall System— Use either A, B, C or D	A — Concrete wall B — Concrete masonry wall C — FRT Wood Studs (minimum 2x4, spaced maximum 24 inches on center, laterally braced every 4 feet vertically), with an optional (1) layer of 6 mil poly interior vapor barrier (Class I) installed on the interior side of the stud wall, and (1) layer of minimum $^5/_8$-inch thick Type X or Type C gypsum wallboard, complying with ASTM C1396, installed over the vapor barrier (optional) on the interior side of the stud wall.[1] D — Cold-Formed Steel Studs (minimum 3 $^5/_8$-inch deep, minimum 20-gauge (37.5 mils), spaced maximum 24 inches on center, laterally braced every 4 feet vertically), with an optional (1) layer of 6 mil poly interior vapor barrier (Class I) installed on the interior side of the stud wall, and (1) layer of minimum $^5/_8$-inch thick Type X or Type C gypsum wallboard, complying with ASTM C1396, installed over the vapor barrier (optional) on the interior side of the stud wall.
	Floorline Firestopping (Not Shown)— Use A if 1C System Use B if 1A, 1B, or 1D System	A – Fire retardant treated (FRT) lumber (minimum 1 ½-inch thick).[1] B – Noncombustible mineral wool safing (minimum density of 4.0 lbs./ft^3) in each stud cavity and at each floorline. Mineral wool to be attached with z-clips or friction-fit into each stud cavity.
2	Base Wall Cavity Insulation— Use either A or B	A — Fiberglass batt insulation, Class A (faced or unfaced) complying with applicable code[2]. B — Noncombustible mineral wool insulation (faced or unfaced) complying with applicable code[2].
3	Exterior Sheathing— Use either A, B, or C	A — (1) layer of nominal $^5/_8$-inch thick OSB sheathing installed vertically or horizontally and attached directly to the framing on the exterior side of the stud wall. B — (1) layer of nominal ½-inch thick Type X gypsum sheathing, complying with ASTM C1177, installed vertically or horizontally, and attached directly to the framing on the exterior side of the stud wall. C — (1) layer of nominal $^5/_8$-inch Type X gypsum sheathing, complying with ASTM C1177, installed vertically or horizontally, and attached directly to the framing on the exterior side of the stud wall.
4	Water-Resistive Barrier (WRB)[3] — Use either A or B Note: WRB must be installed over the exterior sheathing.	A — TamlynWrap™ Drainable WRB (ESR-3670) B — TamlynWrap™ ProSelect (Nondrainable) (ESR-3670) Note: Tamlyn Double-sided seam tape used at all WRB seams in accordance with the manufacturer's published installation instructions.
5	Exterior Cladding— Use A through F Note: No air gap between WRB and exterior cladding permitted.	A — Fiber-cement panel – Minimum $^5/_{16}$-inch thick fiber-cement panel, complying with the requirements of ASTM C1186, Type A (or ISO 8336, Category A) and classified as noncombustible when tested in accordance with ASTM E136, with maximum $^1/_8$-inch open joint installation in accordance with the manufacturer's published installation instructions. B — Stucco[4] – Minimum $^3/_4$-inch thick, exterior cement plaster and lath. C — Brick —Standard nominal 4-inch thick clay brick with brick veneer anchors installed a maximum of 24 inches on center vertically. D — Natural stone veneer – Minimum 2-inch thick, using any standard closed joint installation technique. E — Cast Artificial Stone – Minimum 1 $^1/_2$-inch thick complying with ICC-ES AC51 (Adhered Manufactured Stone Masonry Veneer), using any standard closed joint installation technique. F — Fiber-cement lap siding – Minimum $^5/_{16}$-inch thick fiber-cement lap siding, complying with the requirements of ASTM C1186, Type A (or ISO 8336, Category A) and classified as noncombustible when tested in accordance with ASTM E136, using any standard closed joint installation in accordance with the manufacturer's published installation instructions.
	Window Perimeter/ Rough Opening Protection[5] (Not Shown)— Use either A or B for Window Perimeter and use either C or D for Opening Protection	A — Minimum 1 ½-inch thick FRT wood window buck around the perimeter of the window opening. B — Minimum 20-gauge (37.5 mils) thick steel stud framing around the perimeter of the window opening. C — Minimum 0.040-inch thick aluminum flashing installed at all openings to completely cover the opening header, jambs and sill. D — Minimum 0.040-inch thick galvanized steel flashing installed at all openings to completely cover the opening header, jambs and sill.

For **SI:** 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 lbs./ft^3 = 16.01 kg/m^3.

Footnotes:
[1]Fire retardant treated (FRT) lumber must comply with 2021 IBC Section 2303.2.
[2]Insulation must comply with the applicable requirements of 2021 IBC Section 720.2.
[3]Water-resistive barrier (WRB) must be applied in accordance with the manufacturer's published application instructions, the ICC-ES evaluation report (if applicable) and the applicable code.
[4]Cladding fasteners must penetrate into wood or steel framing, and the system must be designed to handle cladding load and wind load, per applicable code.
[5]Rough Opening Protection options shown pertains to fire performance characteristics only. Requirements for opening flashing and waterproofing shall be in accordance with the manufacturer's published installation instructions.