ICC-ES Evaluation Report

ESR-3632
Reissued August 2022
Revised April 2023
This report is subject to renewal August 2024.

www.icc-es.org | (800) 423-6587 | (562) 699-0543   *A Subsidiary of the International Code Council®*

DIVISION: 31 00 00—EARTHWORK
Section: 31 31 16—Termite Control

REPORT HOLDER:

POLYGUARD PRODUCTS, INC.

EVALUATION SUBJECT:

TERM® BARRIER SYSTEM

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018, 2015, 2012 and 2009 *International Building Code®* (IBC)

- 2021, 2018, 2015, 2012 and 2009 *International Residential Code®* (IRC)

Property evaluated:

Protection against termites including Formosan.

2.0 USES

TERM® Barrier System is used to provide protection of wood construction and foam plastic against subterranean termites including Formosan.

3.0 DESCRIPTION

3.1 General:

The TERM® Barrier System consists of seven different self-adhesive membranes installed in specific applications at the building foundations and exterior walls to provide protection against subterranean termites. The foundation entry points of the building include all construction and control joints in walls and slabs, walls below grade, retaining walls, and service pipe penetrations through slabs.

3.2 Products:

The TERM® Underslab Barrier is installed underneath the floor slab on grade. The TERM® Foundation Barrier is installed on vertical foundation walls or mud slabs. The TERM® Sill Plate Barrier is installed on the top of the slab on grade underneath the wood sill plates. The TERM® Base Flashing Barrier is installed at the base of the exterior wood wall sheathing and extending onto the concrete foundation. The TERM® Seam and Window Flashing Barrier is installed over exterior wall sheathing seams and around windows and doors. The TERM® Tile Flooring Underlayment Barrier and TERM® Wood or Laminate Flooring Underlayment Barriers are installed underneath interior flooring installed on the slab on grade and ties into the TERM® Sill Plate Barrier.

The TERM® Barrier System products, Total Thickness, Sealant Thickness, Composition and Where Installed are noted in Table 1 of this report.

4.0 INSTALLATION

The TERM® Barrier System products must be installed in accordance with the manufacturer's published installation instructions and this report.

The TERM® Barrier System is applied to wood, concrete and foam plastic construction surfaces including seams and cracks.

Locations requiring protection from termites are described in Sections 2304.12.2.7 and 2603.8 of the 2021 IBC (Sections 2304.12.4 and 2603.8 of the 2018 and 2015 IBC; Sections 2304.11.6 and 2603.9 of the 2012 IBC; Sections 2304.11.6 and 2603.8 of the 2009 IBC) or Section R318 of the IRC.

TERM® Foundation Barrier is used to protect foam plastic insulation, including stay-in-place insulating concrete forms (ICF) installed in applications noted in IBC Section 2603.8 (Section 2603.9 of the 2012 IBC; Section 2603.8 of the 2009 IBC) and complies with Exception 2 of the referenced IBC code sections or Section R318.4 of the IRC. The manufacturer's published installation instructions and this report must be strictly adhered to, and a copy of the instructions must be available at all times on the job site during installation.

If there are any conflicts between the manufacturer's instructions and this report, this report governs.

5.0 CONDITIONS OF USE

The TERM® Barrier System 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 Following installation, the membranes must not be exposed to sunlight for more than 30 days.

5.2 The membranes must be installed when the air temperature is between 40° F (5° C) and 105° F (40° C).

5.3 A foundation drainage system shall be provided in accordance with the applicable code.

5.4 When required by the applicable code, protection of wood and wood-based products against decay must be provided in accordance with the applicable code.

5.5 The TERM® Barrier System products are manufactured under a quality-control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Termite Physical Barrier Systems (AC380), dated April 2021 (editorially Revised July 2022).

7.0 IDENTIFICATION

7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-3632) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.

7.2 In addition, each package of TERM® Barrier System products covered by this report must bear a label with the product name as noted in Table 1 of this report.

7.3 The report holder's contact information is the following:

POLYGUARD PRODUCTS, INC.
POST OFFICE BOX 755
ENNIS, TEXAS 75120-0755
(214) 515-5000
www.polyguardproducts.com
info@polyguardbarriers.com

TABLE 1—TERM BARRIER SYSTEM PRODUCTS

PRODUCT	TOTAL THICKNESS (inch)	SEALANT THICKNESS (inch)	COMPOSITION	WHERE INSTALLED
TERM Underslab Barrier	0.095	0.068	Nonwoven geotextile Sealant High strength film	Installed underneath the slab. Concrete is poured onto the barrier
TERM Foundation Barrier	0.068	0.064	Sealant High strength film	Installed on vertical concrete foundation walls, insulating concrete forms (ICF) or mud slab
TERM Sill Plate Barrier	0.068	0.064	Sealant High strength film	Installed on top of slab underneath location of sill plate
TERM Base Flashing Barrier	0.040	0.036	Sealant High strength film	Installed at base of exterior sheathing and extending onto concrete
TERM Seam and Window Flashing Barrier	0.040	0.036	Sealant High strength film	Installed over sheathing seams, around windows and doors
TERM Tile Flooring Underlayment Barrier	0.060	0.054	Sealant polyester fabric	Installed underneath interior tile flooring. Ties into Sill plate barrier.
TERM Wood or Laminate Flooring Underlayment Barrier	0.040	0.035	Sealant Polypropylene film	Installed underneath interior wood or laminate flooring. Ties into Sill plate barrier.

SI Units Conversion: 1 in. = 25.4 mm