

TERM™ Weep and Vent Barrier

EPA Establishment No. 89537-TX-1

Product Data Sheet

DESCRIPTION

TERM Weep and Vent Barrier is a device which maintains openings in the face of masonry structures to drain water from the inside of a masonry cavity and/or to provide ventilation within the cavity to keep the cavity dry. It is typically applied at the level of masonry where flashing has been applied to guide water away from the interior wythe, and at periodic spacing above the drainage plane to provide ventilation of the cavity.

The *TERM Weep and Vent Barrier*, in addition to its drainage/venting functions, is designed to exclude insects, rodents, and other pests from reaching the interior of the masonry cavity.



ADVANTAGES

TERM Weep and Vent Barrier is a non-structural pest barrier which, when properly constructed as part of a masonry wall, will exclude pests of all sizes from passage.

Polyguard's TERM Weep and Vent Barrier incorporates a stainless steel corrosion resistant screen and is unique in its ability to exclude both very small and larger pests. The very small mesh openings have been proven to block even the smallest termites found in North America. The strength of the stainless steel mesh and the strength of the melt bond between the screen and the frame will resist every pest from the smallest termites to larger pests such as rodents, snakes, and scorpions.

DESCRIPTION OF COMPONENTS

The *TERM Weep and Vent Barrier* uses a 3/8" x 1 1/2" x 4" rectangular PETG plastic frame, a stainless steel mesh screen with 0.017" openings which is melt bonded to the plastic frame.

REFERENCES

There are several ways in which LEED credits might be earned by incorporating *TERM Barrier System* components into the structure.

1. Increasingly, LEED has incorporated Integrated Pest Management (IPM) into standards.

LEED calls for IPM protocols in order to "minimize pest problems and exposure to pesticides".

A key IPM element is; "Nonchemical pest preventative measures.....designed into the structure...". *TERM Barriers* are nonchemical pest preventative measures.

2. LEED rating systems for homes incorporate (SSC5) *Non-toxic pest control*". Two components found in the *TERM Barrier System* are mentioned; they are steel mesh and sand barriers. Both are used as termite barriers.

TERM Sealant Barrier / membranes are not mentioned, as they are only now entering the field for sustainable construction alternatives.

3. The incorporation of *TERM Sealant Barrier / membranes* into the building envelope should be a strong candidate for Innovation credit.
4. Finally, if the project site is former agriculture land with residual pesticide contamination, *TERM Barriers* may qualify under LEED IAQ Credit 5 - Indoor Chemical and Pollutant Source Control (below grade toxin barrier) or SS3 - Brownfield redevelopment.

INSTALLATION

Application of Weep and Vent Barrier:

When used as a weep, *TERM Weep and Vent Barrier* should be installed horizontally at all flashing locations every 24" o.c., or vertically at every head joint, or as specified. It must be installed directly on top of the flashing. The bottom of the cavity must be protected by an approved cavity protection system for mortar droppings.

When used for cavity ventilation above the base course, *TERM Weep and Vent Barrier* should be installed horizontally every 24" o.c., or in the vertical joints at the top of masonry walls, and as specified on the face of the wall to provide natural convective air flow.

Inspection and Repairs

Visually inspect *TERM Weep and Vent Barrier* for any voids or gaps in the mortar around the barrier which could permit insects to gain entry. Make repairs as necessary with mortar or grout.

PACKAGING INFORMATION

Product	Unit of Measure	Units / Carton	Weight / Carton
Term Weep and Vent Barrier	Carton	50	5 lb.

PHYSICAL PROPERTIES

Property	Method	English	Metric
Metal - Type	-	Stainless Steel	Stainless Steel
Metal - Grade	-	Marine 316	Marine 316
Aperture Size of Mesh	ASTM E 11 (maximum)	.017"	0.43mm

LIMITATIONS

Substitutions of components to the *TERM Barrier System* may compromise the quality and performance of the installation as a barrier. Therefore, substitutions are not allowed.

Polyguard's TERM Barrier System products are part of an Integrated Pest Management (IPM) program and where local regulations require, may be used to supplement termiticide applications.

The information in this data sheet is designed to be helpful to the reader. It is based on experience and information considered to be accurate and true. Readers should carefully consider and verify the information with investigation of any areas with uncertainty.

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Purchaser is responsible for complying with all applicable federal, state, or local laws and regulations covering use of the product including waste disposal.

Contact *Polyguard Products, Inc.* for further information.