



Premium Building Products
That Protect

1. Product Name

Triple Guard Energy Sill Sealer

Primers & Accessories

- Protecto-Tak Spray Primer
- No. 100 Primer

2. Manufacturer

Protecto Wrap Co.
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3. Product Description

BASIC USE

Triple Guard Energy Sill Sealer is a 3/8" (9.5 mm) thick, peel-and-stick, closed cell foam membrane that bridges the voids and irregularities between the top of the concrete foundation and the sill plate/skirt board. These voids are a leading cause of basement water leaks, insect/rodent infiltration and energy loss.

Triple Guard's unique, patented, triple protection design adheres to the face of the foundation, the top of the foundation wall and the face of the sill plate/skirt board. It completely and effectively seals off the cold joint between the foundation and the framing.

Triple Guard is suitable for application in residential, commercial and multifamily construction applications, including slabs on grade, crawl spaces and basements.

BENEFITS

- Forms a permanent bond between the top of the concrete foundation and the sill plate
- Eliminates a major source of costly callbacks
- Extremely resilient - Will not rot or deteriorate with age
- Ease of application - Peel and stick; no fasteners required
- Adheres to concrete, block, wood, metal, vinyl, brick and foam surfaces
- Provides 1.5 times more protection from energy loss over standard 1/4" (6.4 mm) sill sealers offered by other manufacturers



Triple Guard Energy Sill Sealer

- Has among the most aggressive adhesives of any sealing tapes
- Prevents carbon monoxide from entering living or work spaces through garage areas
- Installs with only a utility knife

COMPOSITION & MATERIALS

Triple Guard is a 3/8" (9.5 mm) thick, aggressive rubberized adhesive membrane that forms an air/vapor moisture barrier system. The product is a black, opaque, sticky solid with a white or colored foam layer with no odor.

SIZE

Triple Guard is available in 3 1/2" and 5 1/2" (89 and 140 mm) widths.

PACKAGING

- 3 1/2" x 25' (89 mm x 7.6 m)
- 5 1/2" x 25' (140 mm x 7.6 m)

LIMITATIONS

Do not use solvent based caulks in conjunction with Triple Guard.

4. Technical Data

APPLICABLE STANDARDS

ASTM International - ASTM E283 Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

APPROVALS

Triple Guard exceeds all local, state and national building codes. Consult manufacturer for current information on approvals by code bodies and other industry entities.

PHYSICAL PROPERTIES

- Flash point - > 320 degrees F (160 degrees C)
- Bulk density - 15.723 lb/gal
- Specific gravity - 1.883
- Melting point (softening point) - 220 degrees F (104 degrees C)
- VOC content - 0%

ENVIRONMENTAL CONSIDERATIONS

Triple Guard was tested and analyzed at the Oak Ridge National Laboratories and was found to provide significant energy savings.

5. Installation

STORAGE & HANDLING

Store in a cool, well-ventilated area away from excessive heat and sources of ignition.

PREPARATORY WORK

Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact. Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

Verify that site conditions are acceptable for installation. Do not proceed with installation



until unacceptable conditions are corrected.

Surfaces should be clean, dry, free of dirt and other foreign matter. Knock off and remove any rough or jagged edges. There should be no solvent based caulks used in conjunction with Triple Guard. This product eliminates the need for caulk.

For best results, apply Triple Guard at a temperature above 45 degrees F (7 degrees C). For applications from 20 - 45 degrees F (-7 - 7 degrees C), the material must be stored in a warm area above 60 degrees F (16 degrees C) prior to use.

APPLICATION

Apply Protecto-Tak Spray Primer or No. 100 Primer to clean surface and allow to dry prior to installing Triple Guard Energy Sill Sealer. Do not cover wet primer.

Begin unrolling Triple Guard and, as it is unrolled, peel off the release liner and press the exposed adhesive side down atop the foundation. Spread the 1 1/2" (38.1 mm) over the face of the foundation and press or roll the adhesive in place. Affix the foam part of the Triple Guard flush to the outside perimeter of the foundation. Ensure that the adhesive back of the Triple Guard is firmly adhered to the foundation.

Secure the top flap back out of the way of the sill plate and proceed with framing. Once the skirt board is in place, remove the release paper from the top flap of the Triple Guard and press or roll the adhesive onto the skirt board. For slab on grade construction, adhere the top flap to the exterior sheathing.

When rebar or anchor bolts protrude from the foundation, simply make an "X" cut in the back of the Triple Guard and slide it over the protrusion, pressing it firmly into place. For hurricane straps, slit the area between the 3/8" (9.5 mm) foam and the top flap of the Triple Guard and slide it over the strap.

PRECAUTIONS

- Care should be taken not to leave the membrane exposed to direct sunlight for over 120 days
- Any caulking that contains solvents must not be used on or around the Triple Guard membrane
- Protecto Wrap Triple Guard is not flammable but will burn under fire conditions. Inhalation of vapors from heated product may cause irritation of the nose, throat and respiratory system. Refer to MSDS for additional information and warnings

6. Availability & Cost

AVAILABILITY

Triple Guard is manufactured in Denver, CO, and is available worldwide through a network of Protecto Wrap distributors. For detailed product information or to find a local representative or distributor, contact the Protecto Wrap Co.

COST

Triple Guard is competitively priced. Contact a local representative or the corporate office for information.

7. Warranty

Protecto Wrap Co. expressly warrants, subject to the Exclusion Of Warranties provision, that its products shall be fit for the ordinary purposes for which such products are intended for the lifetime of the structure. Contact the manufacturer for complete warranty details.

8. Maintenance

None required, if installed in accordance with manufacturer's recommendations.

9. Technical Services

Complete technical assistance and information are available from Protecto Wrap field representatives and distributors or by contacting the manufacturer.

10. Filing Systems

Additional product information is available from the manufacturer.

Triple Guard Energy Sill Sealer can reduce air infiltration as recommended by the ENERGY STAR® Home Sealing Process.

