

GUARDIAN ROOF ARMOR™

DOOR & WINDOW TAPE

SELF ADHESIVE

Self-Adhesive Door and Window Flashing

KEY PROPERTIES

Tough Polypropylene Film

Low Temperature Adhesion • High Temperature Stability

Custom Slit (4", 6", 9" or 12" x 75')(10.16cm, 15.24cm, 22.86cm or 30.48cm x 22.86m)

DESCRIPTION

Guardian Roof Armor™ Door & Window Tape is a self-adhesive membrane, uniquely combining a tough polypropylene film with a proprietary, modified asphalt to create a superior barrier to limit air and moisture transmission. The resulting product has excellent low-temperature adhesion, high temperature stability, and a facer that is resistant to physical damage.

Guardian Roof Armor™ Door & Window Tape is 30 mils* (0.76mm) thick and is supplied in rolls 75' long (22.86m), custom slit to 4", 6", 9" or 12" widths (10.16cm, 15.24cm, 22.86cm or 30.48cm). The product is self-adhesive and cold applied, requiring no special adhesives, heat, or equipment for installation.

USES

Guardian Roof Armor™ Door & Window Tape is used to prevent vapor and air transmission through masonry curtain walls, construction joints, and fittings around doors and windows. Acceptable surfaces include precast concrete, plywood, OSB, metal, concrete block, foam block foundations, or approved insulations.

APPLICATION

Substrate Preparation

All surfaces must be clean, dry and smooth. Structural concrete should be cured a minimum of 7 days. Concrete and Wood composition panels, particularly oriented strand board (OSB), may require priming. Guardian Roof Armor™ Door and Window Tape can be mechanically fastened using nails or screws when the surface cannot be made smooth, clean and dry.

Primer

Prime dusty, dirty or weathered surfaces with a water, polymer, or solvent based primer to obtain a smooth, clean and dry surface. **Use only water based primer on foam surfaces.** Allow primer to dry completely before installing Guardian Roof Armor™ Door & Window Tape membrane.

Application

- Cut Guardian Roof Armor™ Door & Window Tape into manageable lengths. Remove the release sheet. Apply membrane from the lowest point upward, overlapping horizontal edges in shingle fashion. Roll membrane firmly to ensure uniform contact with substrate.
- Overlaps should be sufficient to ensure consistent adhesion to the substrate. Reinforcing strips on all inside and outside corners, as well as mechanical fastening to door and window frames, is strongly recommended. Seal all terminations, detailing and protrusions with a modified bitumen adhesive.

TECHNICAL DATA
Guardian Roof Armor™ Door & Window Tape

PROPERTY	TEST METHOD	MINIMUM VALUE*
Tensile Strength, film	ASTM D 412	300 psi
Elongation to Break (rubberized asphalt)	ASTM D 412	320%
Pliability, 180°, 1" mandrel 25°F (-4°C)	ASTM D 146	Pass
Peel Adhesion, Dry (concrete)	ASTM D 903	5 lbf/in
Puncture Resistance	ASTM E 154	30 lbs (13.61kg)
Permeance	ASTM E 96B	0.01 perms (max)
Water Absorption	ASTM D 570	0.1% by weight (max)

* All values are approximate

APPLICATION *continued*

- Guardian Roof Armor™ Door & Window Tape is formulated to be installed in ambient temperatures of 25° F (-4° C) and above. When applying in ambient temperatures below 40° F (4.4° C), store the product at room temperature until use and prime the substrate with a water, polymer or solvent based primer to ensure good initial adhesion. Do not leave exposed for more than 45 days.

SAFETY, STORAGE AND HANDLING

Pallets of membrane shall not be double stacked. Provide cover on top and all sides, allowing for adequate ventilation. Avoid prolonged and repeated contact with the skin. Recommended storage conditions: 40°F to 80°F.

Consult the Material Safety Data Sheet for information on the safe handling, storage, personal protection, health and environmental considerations.

STANDARDS AND CODE LISTINGS

Meets ICC-AC-148 Requirements.

WARRANTY AND MSDS INFORMATION

Warranty and MSDS information is posted on www.guardianbp.com.



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