HomeSeal™

Door and Window Flashing Membrane

Key Properties

- Superior adhesion/rubberized asphalt
- Cross laminated polyethylene facer for tear resistance
- Low temperature adhesion
- High temperature stability
- Individually packaged & bar coded

Description

HomeSeal™ is a proprietary, self-adhering composite membrane, uniquely combining high strength, low temperature adhesion and high temperature stability into a superior barrier to limit air and moisture transmission. A tough 5mil (0.1mm) high density polyethylene film forms a resilient barrier to physical damage. The 15 mils (0.9mm) of proprietary, modified asphalt offers the waterproofing effectiveness of traditional modified bitumen products while introducing a novel combination of low temperature adhesion and high temperature stability.

HomeSeal™ composite is 20 mils (1.0mm)thick and is supplied in rolls of 75' long, custom slit to 4", 6", 9" or 12" widths. **HomeSeal™** is self-adhering and cold-applied. No special adhesives, heat or equipment are necessary to install **HomeSeal™.**

Uses

HomeSeal™ is used to prevent vapor and air transmission through masonry curtain walls, construction joints and fittings around doors and windows. Acceptable surfaces include plywood, lumber, precast concrete, metal and concrete block.

Application

Substrate Preparation

- All surfaces must be clean, dry and smooth. Structural concrete should be cured a minimum of 7 days.

Primer

- **If needed** prime surface with solvent or Emulsion Base Primer. Allow primer to dry completely before installing **HomeSeal™** membrane.

Application

- Cut **HomeSeal™** into manageable lengths. Remove the release sheet. Apply membrane from the lowest point upward, overlapping horizontal edges in shingle fashion. Self-adhering membranes must be rolled with a suitable hard roller to ensure the entire membrane is pressed firmly into 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.
- **HomeSeal™** should be installed to a dry and clean substrate when air and surface temperatures are above 40ºF. When applying **HomeSeal™** in ambient temperatures below 40ºF, store **HomeSeal™** at room temperature until use; if needed, prime the substrate with primer to insure good initial adhesion. Do not apply membrane to a substrate that has absorbed water.
- **HomeSeal™** should not be left exposed for more than 30 days.
- Laps should have at least a 2" overlap and be sealed with an approved sealant.

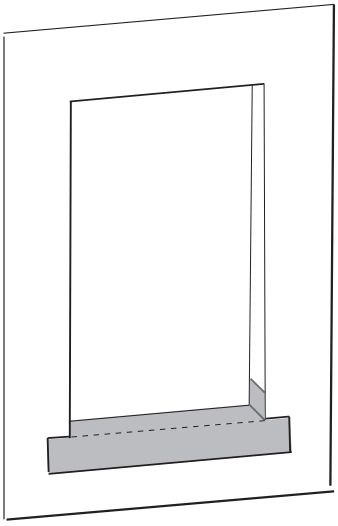
TECHNICAL DATA HOME SEAL		
PROPERTY	**TEST METHOD**	**MINIMUM VALUE**
Tensile Strength, film	ASTM D 412	6.0 lbs/lin. inch
Elongation to Break (rubberized asphalt)	ASTM D 412	320%
Pliability, 180°, 1" mandrel -25°F (-4°C)	ASTM D 146	Pass
Peel Adhesion, Dry (concrete)	ASTM D 903	5 lb/in
Puncture Resistance	ASTM E 154	50 lbs
Permeance	ASTM E 96B	0.05 perms (max)
Water Absorption	ASTM D 570	0.1% by weight (max)
No special adhesives, heat or equipment are necessary to install **HomeSeal™**		

Safety, Storage and Handling

Pallets of membrane shall not be double stacked on the job site. Provide cover on top and sides, allowing for adequate ventilation. Avoid prolonged and repeated contact with the skin. Consult the Material Safety Data Sheet for the best available information on the safe handling, storage, personal protection, health and environmental considerations.

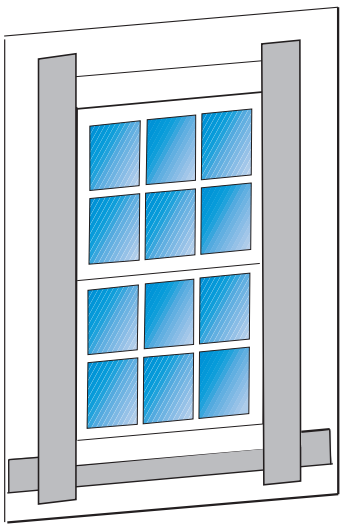
1. Sill Appllication

Center the **HomeSeal™** so that the sill plate is completely covered and fold the remainder of the membrane over the exterior wall. Extend at least 8" past the rough opening.



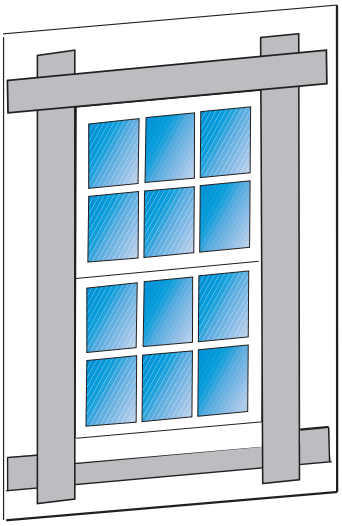
2. Jamb Application

Install window in accordance with Manufacturer's instructions. Apply the **HomeSeal™** over the window jambs. Extend at least 8" past the rough opening.



3. Header Application

Apply the **HomeSeal™** over the header. Extend at least 8" past the rough opening. Roll **HomeSeal™** with roller to insure good initial adhesion.



*__York 304 self-adhering stainless steel__ can easily be formed into a sill pan.