

YORK Moisture Control Solutions

Specification Bulletin 219

York Seal 40 mil Self-Adhering Wall Flashing Air & Vapor Barrier

Advantages

- York Seal provides a waterproof barrier at flashing areas to prevent wall assembly leaks.
- York Seal is fully adhered to the substrate to prevent moisture migration behind the flashing.
- York Seal seals around fasteners and facilitates job site fabrication of corners and terminations.

Description

York Seal is a 40 mil. thick membrane consisting of a self-adhering rubberized asphalt laminated to a high density cross laminated polyethylene film. A siliconized release liner prevents the product from sticking to itself in the roll. York Seal is available in 12", 18", 24" and 36" widths. The factory-controlled quality assures uniform thickness on the job.

Uses

York Seal thru-wall flashing is designed to provide moisture protection in a cavity wall application. Its self-adhesive nature allows easy installation on concrete, masonry, gypsum, steel and wood substrates.

York Seal Air and Vapor Barrier is used to prevent vapor and air transmission through walls, joints and fittings around doors and windows.

Installation

Surface Preparation

- Concrete shall be in place for 7 days minimum. Substrate must be completely dry. Surface shall have a smooth finish free of voids, sharp protrusions, laitance and form release agents. Block or brick walls shall have mortar joints struck flush.

Primer

- Surfaces to receive York Seal must be clean and dry. For best results, concrete, masonry and some exterior gypsum substrates require priming with York Primer Seal.

Apply York Primer Seal by spray, brush or with a long nap roller at 250 to 350 sq. ft. per gallon. At 75° allow primer to dry 1-hour minimum. Prime only areas to be waterproofed the same day, reprime if areas becomes dirty.

Application

- Precut York Seal into manageable lengths to fit each location. Remove siliconized release liner and position membrane carefully before pressing in place. Press firmly in place with a steel hand roller, taking care to avoid air pockets and wrinkles. Overlap adjoining pieces 2 inches. Cut bottom edge back 1/2 inch from exterior surface of building and place on top of drip edge.
- Reinforcing strips on all inside and outside corners as well as mechanical fastening to door and window frames is strongly recommended for air barrier installations.

Terminations

- Press terminated edges firmly in place. The use of a surface mounted termination bar is recommended for vertical terminations. Horizontal terminations at end dams require a minimum 2-inch turn-up of membrane to form a tray. Apply York Cop-R-Tite Flashing Mastic to all termination edges, laps, cuts, and penetrations.

YORK
Since 1935



TM

TECHNICAL DATA YORK SEAL		
PROPERTY	TEST METHOD	MINIMUM VALUE YORK SEAL
Tensile Strength, film	ASTM D 412	24 lbs/lin. inch
Elongation to Break (rubberized asphalt)	ASTM D 412	250%
Pliability, 180°, 1" mandrel -25°F (-4°C)	ASTM D 146	Pass
Peel Adhesion, Dry (concrete)	ASTM D 903	6 lb/in width
Puncture Resistance	ASTM E 154	10 lbs
Permeance	ASTM E 96B	0.05 perms (max)
Water Absorption	ASTM D 570	0.1% by weight (max)

Packaging

- York Seal, 12" x 75', (75 sq ft), 3 rolls per box, 20 boxes per pallet
- York Seal, 18" x 75', (112.5 sq ft), 2 rolls per box, 20 boxes per pallet
- York Seal, 24" x 75', (150 sq ft), 1 roll per box, 20 boxes per pallet
- York Seal, 36" x 75', (225 sq ft), 1 roll per box, 20 boxes per pallet
- York Primer Seal (solvent-based), 5-gallon pails, 36 pails per pallet
- York Cop-R-Tite Flashing Mastic, 30 oz. tubes, 20 tubes per case or 5-gallon pails, 36 pails per pallet

Warnings and Hazards

Avoid breathing vapors from the primer. Use in areas with adequate ventilation. Refer to MSDS for important warnings and safety information.

Storage

Protect material from excessive heat and cold. Store materials away from open flame, sparks, or welding. For outside storage, protect materials from direct sunlight, rain or other harmful environmental conditions.

Limitations

- Not recommended in areas where membrane will be subject to continuous sunlight or temperatures in excess of 180°F.
- Do not apply primer or membrane to frozen substrate. Best results are obtained when membrane is installed at temperatures above 40°F.
- Do not apply primer or membrane to damp or contaminated surfaces.
- Not recommended for use with sealants containing coal tar or polysulfides.
- UV exposure limited to 30 days.

Note: Failure to use adequate pressure at terminating edges will result in a poor seal and a potential leak.

Limited Warranty

York Manufacturing, Inc. warrants this product to be free of defects in workmanship and materials for one year from the time of shipment from our factory. If any York Seal materials prove to contain manufacturing defects that substantially affect its performance, York will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by York with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. York specifically disclaims liability for any incidental, consequential, or other damages including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of York's liability and buyer's remedy under their limited warranty shall not exceed the purchase price of the York material in question.

