



# Granular Ice and Storm Seal 315™ & 316™

## 55 mil Self-Adhering Granular Fiberglass Reinforced Underlayment

### Key Properties

- Pro-Grade
- Larger Granulars For Slip Resistance
- Poly Split Release Sheet

### Description

**York 316** is a self-adhering composite underlayment. The adhesive layer is composed of a proprietary modified asphalt, reinforced with an extra heavy fiberglass mat. The surfacing of opaque granules provides excellent traction and protection from UV radiation and weathering. The self-adhering layer is covered with a release sheet which is removed during installation.

**York 316** composite is 55 mils (1.4mm) thick and is supplied in rolls of 200 sq. ft. (3' x 66.7') (0.9m x 20m).

**York 316** is self-adhering and cold-applied. No special adhesives, heat or equipment are necessary to install.

**York 315** is supplied in rolls of 100 sq. ft. (3' x 33.3').

### Uses

**York 316** is an excellent underlayment for shingle, slate, concrete or tile roofs. **York 316** prevents moisture entry into structures by sealing uniformly to the deck and around nail penetrations. **York 316** protects residential and commercial buildings from damage due to ice dams or wind driven rain.

### Application

- **York 316** must be installed directly to the structural deck with a roof pitch no less than 3" in 12". Remove all dirt, dust, loose nails and debris. Place metal drip edge or York Shingle Starter Strip over **York 316**.
- Cut **York 316** to manageable lengths. Position composite along the eave. Peel back 1 to 2 feet (0.3-0.6m) of release sheet, align composite and press into place. Remove remaining release sheet. Overlap additional courses at least 3" (75mm) and end laps at least 6" (150mm).
- Smooth shank galvanized nails are recommended for fastening shingles. Do not overdrive nails.
- Apply in ambient and substrate temperatures of 40° F or higher. Do not leave membrane exposed for more than 30 days.

**YORK**  
Since 1935

TM

<b>TECHNICAL DATA</b>		
<b>YORK GRANULAR ICE &amp; STORMSEAL 315 &amp; 316</b>		
<b>PROPERTY</b>	<b>MINIMUM VALUE</b>	<b>TEST METHOD</b>
<b>Tensile Strength</b>	62 lb/in (1127 psi) MD 47 lb/in (854 psi) CD	ASTM D 412
<b>Tensile Strength, UV aging</b>	73 lb/in. (1327 psi) MD 52 lb/in (945 psi) CD	ASTM D 412
<b>Tensile Strength, Weathered</b>	65 lb/in. (1181 psi) MD 64 lb/in (1163 psi) CD	ASTM D 412
<b>Water Vapor Transmission</b>	0.019 g/hr/sq.m. (max)	ASTM E 96
<b>Pliability, 14°F (-10°C), 1/8" 90° bend</b>	Pass	ASTM D 146
<b>Peel Adhesion</b>	19 lb/in	ASTM C 794
<b>Peel Adhesion 7 day water</b>	13 lb/in	ASTM C 794
<b>Peel Adhesion 210 hrs UV</b>	11 lb/in	ASTM C 794
<b>Cycle over Crack -20°F (-29°C)</b>	Pass	ASTM C 836

### Standards and Code listings

- Underwriters Laboratories UL Class A and Class C Fire Rating
- ASTM D 1970 Standard Ice Dam Underlayment
- ICBO Report No. 4991
- Uniform Building Code Nos. 32B-1, 32B-2, 32D-1 and 31D-2
- Florida Building Commission Product Approval # FL 3266.3

### Safety, Storage and Handling

Pallets of York 316 shall not be double stacked on the job site. Provide cover on top and sides, allowing for adequate ventilation.

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

