



Granular Ice and Storm Seal 315™ & 316™

55 mil Self-Adhering Granular Fiberglass Reinforced Underlayment

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. 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.

YORK
Since 1935

TM

TECHNICAL DATA
YORK GRANULAR ICE & STORMSEAL 315 & 316

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

