

WeatherBond EPDM

HP Protective Mat



Overview

HP Protective Mat is a nominal 4.7 ounce per square yard (159 grams per square meter) UV resistant polypropylene, needle punched fabric. HP Protective Mat can be used above the membrane as a slipsheet for pavers or below the membrane as a minimum underlayment mat for WeatherBond's Mechanically Attached installations.

Features and Benefits

- Provides added protection against membrane punctures
- Can be used in applications above or below roofing membrane
- UV-resistant

HP Protective Mat

Roll Size	15' x 300' (4.6 m x 92 m)
Area per Roll	4,500 sq. ft. (405 sq. meters)
Weight per Roll	175 lbs. (69 Kg)
Thickness	0.065 in. (1.65 mm)
Roll Diameter	18 in. (460 mm)

Installation

Mechanically Attached Installation

When specified under EPDM membrane, install HP Protective Mat over the substrate with all edges overlapped a minimum of 3".

HP Protective Mat must be attached to the roof deck; however, on Mechanically Attached Systems, the seam fastening plates used to attach the membrane will provide adequate fastening for the mat.

When the mat is not attached with the seam fastening plates used to attach the membrane, an acceptable fastener and plate must be installed every 50 linear feet (15 M). Spot bonding the HP Protective Mat with Substrate Adhesive is an acceptable alternative to mechanical attachment.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.

Precautions

1. This product is not hazardous as defined in CFR 1910.1200.
2. Dust may be irritating to respiratory tract and eyes.
3. Material is flammable. Do not expose to open flame.

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Athens, GA

Typical Properties and Characteristics

Physical Property	ASTM Test Method	Average Roll Values
Tensile Strength (Grab)	D 4632	120 lbs (51 Kg)
Burst Strength (Mullen)	D 3786	100 psi (689 kPa)
Elongation (Ultimate)	D 4632	> 50%
Puncture Strength	D 4833	40 lbs. (18 Kg)
Trapezoidal Tear	D 4533	50 lbs. (23 Kg)
UV Resistance (500 Hr St. Ref)	D 4355	> 70%
Permeability Coefficient	D 4491	0.2 cm/sec
pH Resistance		2 - 13

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

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