



APP Torch Base Premier

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PRODUCT DESCRIPTION

APP Torch Base Premier is a APP modified bitumen roofing membrane base sheet, reinforced with a fiberglass mat, saturated and coated with a polymerized asphaltic compound having exceptional waterproofing and weatherability characteristics. The top and bottom surfaces of APP Torch Base Premier are finished with a poly film. Meets ASTM D6509 Type 1 requirements.



BASIC USES

APP Torch Base Premier Membrane is designed for application as either a mechanically fastened or heat-welded (torch) applied base or interplay sheet. Applications include new roofing, recover (retrofit) and flashing detail. The system must be installed over an acceptable substrate or as part of a multi-ply system. APP Torch Base Premier Membrane may be used as a base sheet for self-adhered modified bitumen systems. It is not intended to be installed directly to a combustible substrate.

SPECIFICATIONS AND PACKAGING

Thickness	Approx. Weight	Roll Size	Rolls/Pallet	Coverage
2.0 mm (80)mils	86 lb./roll	65'-8" x 39 3/8" (20mx1m)	20	200 ft ²

Physical Property	Test Method	ASTM Values
Net mass / unit area, min, lbs/100 ft ² (g/m ²)	ASTM D228 Sec 7	40 (1952)
Bottom side coating thickness, min, mils (mm)	ASTM D 5147 Sec 16	30 (0.76)
Peak Load at 0°F ± 3.6°F (-18° ±2°C)	ASTM D5147 Sec 6	70 lbf/in. (12.2) kN/m
Elongation at 0° F ± 3.6°F (-18° ±2°C) % min	ASTM D5147 Sec 6	1%
Peak Load at 73°F (23°C) min	ASTM D5147 Sec 6	50 lbf/in. (8.8) kN/m
Elongation at Peak Load at 73°F (23°C)	ASTM D5147 Sec 6	2%
Tear Strength at 73°F (23°C)	ASTM D5147 Sec 7	70 lbf (311) N
Low Temperature Flexibility, max, F° (C°)	ASTM D5147 Sec 11	32°F (0°C)
Dimensional Stability % change (Maximum)	ASTM D1547 Sec10	.2%
Compound Stability (maximum)	ASTM D5147 Sec 15	230°F (110°C)
Water Absorption % max	ASTM D5147 Sec 9	3.2%
Moisture Content % max	ASTM D5147 Sec 8	1%
Low Temperature Unrolling, max	ASTM D5636	41°F (5°C)

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 or specification range for any particular property of this product.

PRODUCT BENEFITS

1. Proprietary APP compound with exceptional weathering characteristics
2. Puncture and tear resistance
3. Superior flexibility and dimensional stability

CODE APPROVALS

Various code approvals are available including: Factory Mutual, Underwriters Laboratories, Miami-Dade, Florida Product Approval, ICC-ESR and Texas Department of Insurance. Contact Mule-Hide Technical Department for specific ratings.

APP Torch Base Premier

APPLICATION GUIDELINES

- Apply one or more layers over a clean, dry, dust and debris free acceptable substrate.
- Concrete decks must first be primed with Mule-Hide 121 Asphalt Primer
- When re-roofing, remove all existing roofing materials down to a clean, dry substrate. Ensure that all abandoned roof projections are properly closed off.
- Concrete and steel roof decks are to be designed with proper expansion joints.
- Wood decks should have all joints blocked and properly supported.
- Verify the fire rating of the roofing assembly over any combustible substrate.
- Ensure that the installation of APP Torch Base Premier does not prevent the ventilation of the existing construction.
- Do not apply over shingles or any granulated surface.

INSTALLATION INSTRUCTIONS

APP Torch Base Premier is intended to be used as a base sheet or inter-ply in new or re-roofing applications, and may be either mechanically fastened or heat-welded (torch) applied. APP Torch Base Premier requires the installation of a compatible granulated cap sheet to complete the roofing system.

When installing APP Torch Base Premier

1. Start at the low point of the roof.
2. Unroll the material and allow to relax in the sun for at least 15 minutes.
3. Install with traditional torch roofing techniques ensuring proper heating of the roofing material as not to expose the reinforcement.
4. Do not heat the substrate. Do not overheat the material to expose or compromise the reinforcement.
5. Position successive rolls providing a minimum 6" end lap and 3" side lap. Asphalt bleed out shall be ¼" to 3/8" on all seams.

This is only a brief summary and NOT the complete specification. The Mule-Hide APP Modified Bitumen Application Guidelines, Specifications, Details, Technical Bulletins, and associated documents should be thoroughly reviewed prior to starting any project.

PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

DISCLAIMER

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