



APP Torch Base/Cap

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PRODUCT DESCRIPTION

APP Torch Base/Cap membrane is a polyester reinforced APP modified bitumen roofing membrane designed for heat-welded (torch) applications. Constructed with premium Atactic Polypropylene resins and incorporating superior polyester reinforcing, APP Torch Base/Cap provides an exceptionally durable roofing product which is easy to install and will provide long-term weathering. APP Torch Base/Cap has a smooth surface and a polyolefin backing. APP Torch Base/Cap exceeds all minimum ASTM standards for tensile strength, puncture resistance and flexibility. Meets ASTM D6222 Type 1 requirements.



BASIC USES

APP Torch Base/Cap membrane is designed for application as a heat-welded (torch) applied cap sheet or flashing. Applications include new roofing, recover (retrofit) and flashing details. The system must be installed over an acceptable substrate as part of a multi-ply system. It is not intended to be installed directly to a combustible substrate.

SPECIFICATIONS AND PACKAGING

Thickness	Approx. Weight	Roll Size	Rolls/Pallet	Coverage
3.7 mm (145)mils	90 lb./roll	32' 10"x39 3/8" (10mx1m)	23	100 ft ²

Physical Property	Test Method	ASTM Values
Peak Load at 73°F (23°C) min	ASTM D5147	50 lbf/in. (8.8) kN/m
Elongation at Peak Load at 73°F (23°C)	ASTM D5147	23%
Tear Strength at 73°F (23°C)	ASTM D5147	70 lbf (311) N
Low Temperature Flexibility, max, F° (C°)	ASTM D5147	32°F (0°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

- Exceptional weathering characteristics
- Puncture and tear resistance
- Exceptional low-temperature flexibility, tensile strength and elongation properties

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.

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.

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- 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/Cap does not prevent the ventilation of the existing construction.
- Do not apply over shingles or any granulated surface.

INSTALLATION INSTRUCTIONS

APP Torch Base/Cap is intended to be used as a base sheet or cap sheet in new or reroof applications. APP Torch Base/Cap may be applied directly to non-combustible substrates.

When installing APP Torch Base/Cap

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.
6. Laps shall be rolled with a 6" wide roller immediately after heat-welding.

Details and flashings may be installed using APP Torch Base/Cap with torch applied techniques. Do not use cold adhesives or hot asphalt. Check Mule-Hide published details for proper installation requirements.

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

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate at the time of printing. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material. This product may be eligible for a Mule-Hide warranty, please check the Mule-Hide website at www.mulehide.com or contact Mule-Hide directly at 800-786-1492 for details. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the alleged failure before repairs are made.