



# F/G Base

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## PRODUCT DESCRIPTION

Mule-Hide's F/G Base is a fiberglass mat coated with an oxidized asphalt blend, which provide enhanced weathering and aging characteristics. F/G Base is designed as a base sheet for Mule-Hide torch applied modified roofing applications. It may also be used in built up roofing applications. It provides great tear and pull through resistance. Meets or exceeds ASTM D6401 Type II.

## BASIC USES

F/G Base membrane is specifically designed as a base layer in Mule-Hide torch applied systems and can be mechanically attached or hot mopped in place. Applications include new roofing and recover (retrofit). The system must be installed over an acceptable substrate or as part of a multi-ply system.

## SPECIFICATIONS AND PACKAGING

Approx. Weight	Roll Size	Rolls/Pallet	Approx. Coverage
78 lb./roll	108"x36" (33m x 0.914m)	20	325 ft <sup>2</sup>

Physical Properties	Test Method	ASTM Values
Mass of Desaturated Glass Mat	ASTM D4601	1.7 lb / 100 ft <sup>2</sup>
Surfacing and Stabilizer, max	ASTM D4601	65%
Mass of Asphalt Coating	ASTM D4601	7.0 lb / 100 ft <sup>2</sup>
Breaking Strength @ 77° (longitudinal and transverse)	ASTM D4601 Type II	44 lb / in.

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

- Superior pliability and dimensional stability
- Puncture and tear resistance
- Wrinkle resistant; lays flat for easier installation
- Consistent thickness on both sides.

## 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 over clean, dry, dust and debris free substrates.
- 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 as required by local building code.
- Verify the fire rating of the roofing assembly over any combustible substrate.

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- Ensure that the installation of F/G Base does not prevent the ventilation of the existing construction.
- Do not apply over shingles or any granulated surface.

## **INSTALLATION INSTRUCTIONS**

F/G Base is intended to be used as a base sheet or interplay in new or re-roofing applications. F/G Base may also be applied directly to non-combustible substrates. F/G Base requires the installation of a compatible granulated cap sheet to complete the roofing system.

## **INSTALLATION INSTRUCTIONS (continued)**

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. Position successive rolls providing a minimum 6" end lap and 3" side lap
4. Attach F/G Base to substrate using appropriate fasteners (min. 32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails or #12 DP fasteners and 3" insulation plates).
5. Typical attachment patterns are:
  - a. 8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows
  - b. Other attachment patterns may be applied based on the wind uplift requirements of the system.
6. F/G Base can be used as a base sheet in flashing applications. Check project details for proper installation requirements.

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

## **MANUFACTURING FACILITIES**

- Fernley, NV
- Hazleton, PA
- Waco, TX
- Winter Haven, FL

## **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](http://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](http://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.