



# G2 Base

## Base Sheet



### PRODUCT DATA SHEET

#### DESCRIPTION

MuleHide's G2 Base is a fiberglass mat coated with an oxidized asphalt blend, which provide enhanced weathering and aging characteristics. G2 Base is designed as a base sheet for MuleHide 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 D4601.

#### BASIC USES

G2 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.

#### PACKAGING

- Size: 105'-2" x 36" (30.2m x 1m)
- Weight: 80 lb/roll
- Rolls per Pallet: 25
- Approximate Coverage: 300 ft<sup>2</sup>

#### 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 MuleHide 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.
- Ensure that the installation of G2 Base does not prevent the ventilation of the existing construction.
- Do not apply over shingles or any granulated surface.

#### INSTALLATION INSTRUCTIONS

G2 Base is intended to be used as a base sheet or interply in new or re-roofing applications. G2 Base may also be applied directly to non-combustible substrates. G2 Base requires the installation of a compatible granulated cap sheet to complete the roofing system.

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 G2 Base to substrate using appropriate fasteners (min. 32 ga., 1-5/8" 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" o.c. in 4" lap and 8" o.c. in three (3), equally spaced, staggered center rows
  - b. Other attachment patterns may applied based on the wind uplift requirements of the system.
6. G2 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 MuleHide Modified Bitumen Application Guidelines, Specifications, Details, Technical Bulletins, and associated documents should be thoroughly reviewed prior to starting any project.

#### PHYSICAL PROPERTIES

Physical Properties	Test Method	ASTM Values
Mass of Desaturated Glass Mat	ASTM D4601	1.7 lb/100 ft <sup>2</sup>
Surfacing and Stabilize, 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.



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### PRODUCT DATA SHEET

#### PROTECTION & SAFETY

MuleHide 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. MuleHide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using MuleHide products in your facilities.

#### ADDITIONAL INFORMATION

On projects where a MuleHide Standard or Premium Warranty is requested, an authorized MuleHide representative shall inspect all completed work.

The information given on this PDS is subject to change without notice. Always check the MuleHide website at [www.mulehide.com](http://www.mulehide.com) for the latest information, changes and updates or contact MuleHide at 800-786-1492.

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