

MODIBOND® G FR

APP (PLASTOMERIC) GRANULATED CAP SHEET

PRODUCT DESCRIPTION

Modibond G FR is an APP (plastomeric) granulated cap sheet, with fire retardant additives, for low-slope roofing and specially designed for heat welded applications.

Modibond G FR incorporates a high quality polyester mat, providing superior tear strength and puncture resistance.

The quality APP (plastomeric) compound and durable construction provides long-term weathering performance.

The top surface is granulated while the bottom surface has a factory applied burn-off film.

TYPICAL APPLICATIONS

- Heat welded cap sheet for low-slope roofs.
- Applied directly over an acceptable substrate or as part of a multi-ply system.
- New roofing, re-roofing, re-cover and for flashing details.

FEATURES AND BENEFITS

- Proprietary blend of APP modified bitumen allows for superior weathering.
- Ease of application.
- Puncture and tear resistant polyester reinforcement.

TECHNICAL DESCRIPTION*

Physical Properties	ASTM Method	ASTM Value
Peak Load at 73°F [23°C]	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 [maximum]	ASTM D5147	32°F [0°C]
Granule Embedment [maximum loss]	ASTM D5147	2 g

*The properties in this table are "as manufactured" unless otherwise noted

AVAILABLE COLORS

Top surface granule protection is available in the following colors:
Black and White



PRODUCT DATA**

Coverage (Approx) 100 sq ft (9.3 m²)
 Weight (Approx) 106 lbs (48 kg)
 Thickness (Nominal) 160 mils (4.0 mm)
 Roll Size 32'10" x 39 3/8" (10 m x 1 m)
 Rolls/Pallet.....20

**All values are nominal at time of manufacturing

APPLICABLE STANDARDS

- ASTM D6222, Type 1, Grade G
- UL Classified
- FM Approved



PRODUCT CODES

- MBF40VHPZ (White)
- MBF40BLPZ (Black)

POLYGLASS®



www.polyglass.us

MODIBOND® G FR

APP (PLASTOMERIC) GRANULATED CAP SHEET

APPLICATION INSTRUCTIONS

Modibond G FR is intended to be used as the primary weathering surface in new or re-roof applications. Modibond G FR is to be applied as the outermost layer of a multi-ply roof system applied over a compatible base or interply sheet. Modibond G FR may be applied directly to non combustible substrates.

- Apply over clean, dry, dust and debris-free substrates. Prime concrete decks and required substrates prior to application with PG 100 Fast-Drying Asphalt Primer. Consult Polyglass Technical Service if alternate primer is allowed.
- When re-roofing, remove all prior roofing materials down to a clean debris-free substrate and properly close-off all abandoned roof penetrations.
- Concrete or Steel decks shall be designed with proper expansion devices.
- Ensure the fire rating of the assembly over any substrate.
- Ensure the installation of Modibond G FR does not prevent the ventilation of existing construction.
- Do not apply over shingles or any granulated surface.
- While installing Modibond G FR:
 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.
 5. Position successive rolls providing for a minimum 6" end lap and 3" side lap. Bleed out of modified asphalt should be 1/8" to 1/4" at all seams. Granulated membranes shall have granules embedded in asphalt at all lap joints.
 6. Laps may be lightly rolled with a 4" to 6" wide roller to ensure lap is fused.
- Details and flashing may be installed using Modibond G FR with torch applied techniques. Check project details for proper installation requirements.
- Do not use cold adhesives or hot asphalt.

MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line: (888) 410-1375
(954) 233-1330

Customer Service: (800) 222-9782
Technical Service: (866) 802-8017

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 5 years.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data and warranty information, visit www.polyglass.us

POLYGLASS®



www.polyglass.us