



MIGHTYPLATE MODIFIED BITUMEN GRANULATED SINGLE-PLY ROOFING MEMBRANE

- **FOUR LAYERS OF PROTECTION
IN ONE**
- **THERMAL STRESS AND
FATIGUE RESISTANCE**
- **HIGHLY ELASTIC AND
LIGHTWEIGHT**
- **ONE EASY LABOR SAVING
APPLICATION**

MIGHTYPLATE MODIFIED BITUMEN GRANULATED SINGLE-PLY Four Layers of Protection In One

MIGHTYPLATE GRANULATED SINGLE-PLY is a self-contained, complete roofing and waterproofing system in rolls. The product is composed of a polyester fabric core sandwiched between two layers of modified bitumen and a top layer of UV reflecting mineral granules.

It is greater than 170 mils thick, possesses superior heat resistance, low temperature flexibility and excellent workability.

MIGHTYPLATE GRANULATED SINGLE-PLY is manufactured in our state-of-the-art facility that utilizes advanced production equipment engineered for precise control throughout the manufacturing process.

MIGHTYPLATE MODIFIED BITUMEN GRANULATED SINGLE-PLY Thermal Stress and Fatigue Resistance

MIGHTYPLATE GRANULATED SINGLE-PLY provides excellent waterproofing protection with minimal damage potential due to thermal stresses.



MIGHTYPLATE GRANULATED SINGLE-PLY combines the exceptional elongation and fatigue resistance properties of modified bitumen with the strength of a polyester reinforcement mat and the UV reflecting top granule coat.

Superior granule embedment decreases granule loss and provides long-term UV roof protection and aesthetics.

MIGHTYPLATE MODIFIED BITUMEN GRANULATED SINGLE-PLY Highly Elastic and Lightweight

All roofs move. Changing temperature cause roofs to expand and contract. Therefore, roofing materials must be designed to move with them. The composition of MIGHTYPLATE GRANULATED SINGLE-PLY allows it to be highly elastic while resisting cracking and splitting, even under extreme weather conditions.

MIGHTYPLATE GRANULATED SINGLE-PLY adds just over 103 pounds of weight per 100 square feet to the existing roof system. This is much less than conventional hot applied systems which require gravel, and much less than the ballasted rubber roofs which use large river rock to hold them in place. Since no gravel or river rock is needed or recommended with MIGHTYPLATE GRANULATED SINGLE-PLY, it is easy to make periodic inspections and perform necessary maintenance.

MIGHTYPLATE MODIFIED BITUMEN GRANULATED SINGLE-PLY

One Easy Labor Saving Application

The MIGHTYPLATE GRANULATED SINGLE-PLY one step application cuts labor time and reduces greatly application costs. The propane torch application can be made in either hot or cold weather. The existing roof system must be clean and dry.

To assure proper adhesion, heat both surfaces to the melt point and roll it on. It literally vulca-

nizes itself to the existing surface. For convenience, the rolls are marked to assure proper overlaps and alignment.

Any granules within the seam area must be worked down into the sheet, so as to provide a smooth and relatively granule-free surface within the seam.

With recommended seam and end overlaps, 1 roll covers 98 square feet. Request a free application booklet to insure proper installation.

SPECIFICATIONS

MIGHTYPLATE MODIFIED BITUMEN GRANULATED SINGLE-PLY

Color:	Silvery White
Thickness:	170 mils
Size:	1 Roll = 1 x 10 meters (107.6 sq. ft.)
Coverage:	With recommended seams and end overlaps, 1 roll covers 98 sq. ft.
Applicable Standards:	Classified by Underwriters Laboratories, Inc. for Class A Roof System
Top Surface:	Mineral Granule
Back Surface:	Polyethylene Torchable Film
Reinforcement Mat:	High performance, puncture and tear resistant non-woven polyester fabric
Approximate Weight:	103 lbs./roll (.96 lbs./sq. ft.)
Application Method:	By Propane Gas Flame
Softening Point:	310°F. (155°C. (ASTM D-36)
Tensile Strength (MD/XD):	105/92 lbs. per inch (ASTM D-5147)
Elongation (MD/XD):	57%/62% (ASTM D-5147)
Dimensional Stability (MD/XD):	.5%/ .3% (ASTM D-5147)
Water Resistance:	Absolute

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).

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