



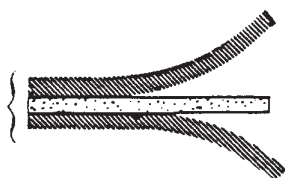
MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE

USER BENEFITS:

- **UNIFORM QUALITY**
- **HIGHLY ELASTIC**
- **LIGHTWEIGHT**
- **RESISTS OXIDATION**
- **EASY TO APPLY**

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE is a self-contained, complete roofing and waterproofing system in rolls. The product is composed of a spunbound high performance polyester fabric sandwiched between two layers of APP modified bitumen. It is greater than 150 mils thick, possessing superior heat resistance, low temperature flexibility and excellent workability. It offers both good elasticity and outstanding tensile strength.

THREE LAYERS OF PROTECTION IN ONE APPLICATION



MODIFIED
BITUMEN

POLYESTER
CORE

MODIFIED
BITUMEN

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE Offers Uniform Quality

Unlike conventional built-up roofs, MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE is manufactured under controlled factory conditions. Maintaining quality control assures a consistent, uniform product. Final results, when using MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE, are not as dependent on variable field conditions.



MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE

Highly Elastic

All roofs move. Changing temperatures cause roofs to expand and contract. Therefore, roofing materials must be designed to move with them. The composition of MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE allows it to be highly elastic and resistant to cracking and splitting - even under extreme weather conditions.

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE

Lightweight

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE adds less than 90 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® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE, it is easy to make periodic inspections and do necessary maintenance.

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE

Resists Oxidation

Texas Refinery chemists, using the broad-ranging knowledge of the petroleum industry, have incorporated a special additive in MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE which helps resist the damaging effects of oxidation. The result is a product that represents the best technology available today.

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE

Easy To Apply

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE is easy and clean to work with. Experience comes quickly. Application is straightforward and uncomplicated. To assure proper adhesion, heat both surfaces to the melt point and roll it on. It literally vulcanizes itself to the existing surface. For convenience, the rolls are marked to assure proper overlaps and alignment.

Application can be made in either hot or cold weather. The existing roof system must be clean and dry.

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE is ideal for new roof construction or for application over and waterproofing existing roof systems coated with hot asphalt, cold-process coatings, and most other applications.

APPLICATION RATE:

With recommended seam and end over-laps . . .

1 roll covers 98 square feet.

An illustrated application booklet, including complete instructions, is furnished with each Order.

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE available in Roll size 18" x 32'9" for Flashing Work.

SPECIFICATIONS

MIGHTYPLATE® MODIFIED BITUMEN WAFFLED SINGLE-PLY MEMBRANE

Product Code #3000

Use:	Waterproofing Built-Up Roof Systems
Color:	Black
Thickness:	157 mils
Recommendation:	Include an aluminum roof coating using either TRC's ALUMINUM ROOF COATING or TEXOTROPIC FIBERED ALUMINUM ROOF COATING.
Composition: 70% Bitumen - 30% Plasticizing Resins and Oxidation Inhibitors (BZ-28)	Elongation: 50%
Reinforcement: Polyester non-woven fabric	Aging: ASTM Standard G23-81 No changes detected after 4,500 accelerated exposure hours (16 years)
Weight: 0.82 lbs./sq. ft.	Tensile Strength: Up to 400 lbs./2" width
Water Resistance: Absolute	Dielectric Strength: 40,000 Volts
Water Absorption: Less than 0.06%	Shock Resistance: 26.8 oz. steel ball falling from 6.5 ft. height . . . no cracking detected.
High Temperature Resistance: R & B Softening Point is approximately 305°F.	Application Method: By Propane Gas Flame
Low Temperature Flexibility: 13/16" Mandrel - time: 3 Seconds No cracking detected at 14°F., FRAAS Breaking Point: -13°F.	Roll Size: 1 x 10 meters = 107.6 sq. ft.

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

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PRINTED IN U.S.A. 2019
P203000