



# MIGHTYPLATE PLASTIC CEMENT

## USER BENEFITS:

- **REPAIRS AND REINFORCES**
- **STRENGTHENS WEAK AREAS**
- **REMAINS PLIABLE LONGER**
- **VERSATILE PROTECTION**
- **PROLONGS SERVICE LIFE OF ROOFS**

MIGHTYPLATE Plastic Cement is one of the finest asphalt maintenance materials available on the international market today. It is used to repair leaks and prepare potential trouble areas on a roof before the application of MIGHTYPLATE Roof Coatings. Used in conjunction with GLAS-WEB, it makes weak areas strong and prolongs the service life of a roof. It is a trowelable material.

## MIGHTYPLATE PLASTIC CEMENT Repairs and Reinforces

MIGHTYPLATE Plastic Cement is ideal for **EMERGENCY REPAIRS**. In an emergency situation, it can be applied over damp or wet areas even during a rain. Then, when weather permits, a more permanent patch using MIGHTYPLATE Plastic Cement and GLAS-WEB Patching Material can be made. It is an excellent product to have on hand when troublesome and costly leaks occur.

Before any effective program of roof maintenance begins, proper preparation must take place. MIGHTYPLATE Plastic Cement is the first step in repairing, preparing and reinforcing a roof prior to coating. Its full bodied texture fills voids and cracks, yet it goes on easily and smoothly.

## MIGHTYPLATE PLASTIC CEMENT Strengthens Weak Areas

Studies show more than 90% of all roof leaks occur in just a few areas. These areas need the extra strength, durability and long-lasting protection provided by MIGHTYPLATE Plastic Cement and GLAS-WEB Roofing Mesh.



Use MIGHTYPLATE Plastic Cement and GLAS-WEB Roofing Mesh to repair the following problem areas:

- flashings around roof protrusions such as vent pipes, air conditioning units, expansion joints, skylights and drains
- flashings and copings of parapet walls or roof edges without parapet walls
- blisters, ridges, wrinkles, cracks or breaks in roofing membranes
- vertical and horizontal seams on metal roofs

## MIGHTYPLATE PLASTIC CEMENT Remains Pliable Longer

MIGHTYPLATE Plastic Cement is blended to form a homogeneous and consistent product. It resists oxidation, remains pliable longer than competitive products because of the catalytically air-blown asphalt used in its manufacture. MIGHTYPLATE Plastic Cement expands and contracts with a roof's natural movement, so repair work lasts longer.

## MIGHTYPLATE PLASTIC CEMENT Versatile Protection

MIGHTYPLATE Plastic Cement is formulated to complement Texas Refinery's MIGHTYPLATE and MIGHTYPLY Roof Systems. Manufactured from the same high quality catalytically air-blown asphalt as MIGHTYPLATE Roof Coatings, it can be used on a

variety of roof surfaces including asphalt and gravel, built-up composition roofs, and metal roofs.

## MIGHTYPLATE PLASTIC CEMENT Repairs and Reinforces

### Sandwich System

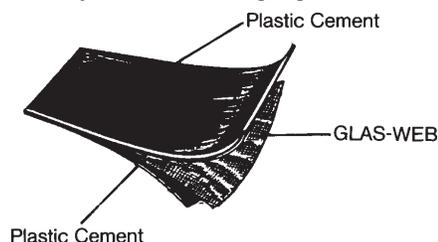
Texas Refinery Corp. developed a Sandwich System for Roof Repair using MIGHTYPLATE Plastic Cement and GLAS-WEB Roofing Mesh. This system prolongs the service life of a roof.

### GLAS-WEB

GLAS-WEB Roofing Mesh is a pure glass fiber woven into a cloth-like sheet and coated with a special asphaltic material that is compatible with MIGHTYPLATE asphalt products. It is flexible and strong. The glass filament will not shrink or burn. It

does not rot, corrode or decay and is unaffected by most acids.

First clean the surface to be repaired. Trowel on the Plastic Cement. Lay the Roofing Mesh into the Plastic Cement. Finally, apply another layer of Plastic Cement. The Roofing Mesh reinforces the Plastic Cement much like steel reinforces concrete. This Sandwich System provides extra strength, durability and long-lasting protection. It makes danger areas and weak points on your roof strong again.



## SPECIFICATIONS

### MIGHTYPLATE PLASTIC CEMENT

Product Code: #3016

Color:	Black
Dry Mil Thickness:	76 mils at 6 gallons per 100 sq. ft.
Resistant To:	Mild acids and bases, corrosion, water and water vapor, saturated solutions of various salts and sunlight.
Weatherability:	Good in Arid, Tropical and Cold Climates
Application Method:	Trowel

#### PHYSICAL REQUIREMENTS:

Specific Gravity at 60°F	1.15
Weight per Volume at 60°F	9.6 lbs./gal.
Total Solids, Wt. %, minimum	77.9
Flash point, PMCC, min. (ASTM D-93)	110°F
Consistency	Trowel
Asphalt Content, Wt. %	46.9
Solvent, Wt. %	20.76
Mineral Filler, Wt. %	23.2
Fiber, Wt. %	7.4
Phosphorous (as P <sub>2</sub> O <sub>5</sub> )	0.69
Penetration, dmm at 77°F	140 - 160

**Behavior at 160°F:** MIGHTYPLATE Plastic Cement sags less than ¼ inch when tested according to the appropriate Federal Test Methods.

**Behavior at 32°F:** MIGHTYPLATE Plastic Cement will pass the test as described in the appropriate Federal Test Methods.

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

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