



PRODUCT DATA

1. PRODUCT NAME

MEGAFLEX™ M-700 GRAY Base
 Base Coat for New (0-12 Mos.) Asphaltic Roof
 Systems & Existing Acrylic Coated Systems

2. MANUFACTURER

MEGA Industries Corporation
 PO Box 9096
 Phoenix, AZ 85068
 (800) 772-7205 (Ph)
 (602) 381-9907 (Fax)

3. DESCRIPTION

MEGAFLEX™ M-700 Base is proprietary water based, 100% acrylic co-polymer resin material. Formulated to promote the highest degree of adhesion between NEW asphalt roofing products and **MEGAFLEX™** Elastomeric Roof Coatings. **M-700** incorporates a blocker that resists the leeching of oils from new asphaltic materials thru the base coat. This high performance material is a rapidly polymerized, UV radiant curing product.

M-700 also is used as the base coat in the recoat spec. over existing acrylic coated systems.

When applied in accordance with specifications, this thin viscosity primer fills microscopic surface irregularities. This enhances the bond between a new asphaltic based system or existing coated surface and MegaFlex **M-100**.

<u>FEATURES</u>	<u>BENEFITS</u>
Elastic	Expands and contracts with the roof surface. Stays flexible.
Excellent Adhesion	Adheres to asphalt, modified bitumen, Enhances the adhesion of the surface coating.
Thin Viscosity	Evenly distributes the polymer resins to the surface; fills minor surface irregularities and reduces the potential for pinholes.

Available in 5-gallon pails and 55 gallon drums.

Colors: **MEGAFLEX™ M-700 Base** is light gray in color.

Limitations: Do not apply if rain is expected within twenty-four (24) hours of application. Ensure a minimum of four (4) hours of daylight remains after application to allow for proper UV curing. Allow more than four (4) hours drying time on cold and/or overcast days. Do not apply in high humidity or in the event of heavy fog. Do not apply if the ambient or surface temperature is, or will fall below, 50 °F, or above 120°F, before curing is complete. All

surfaces must be completely dry as **M-700 Base** forms a moisture vapor retardant barrier. Trapped moisture may cause the material to blister and delaminate. Roof must have a positive slope.
KEEP CONTAINER FROM FREEZING!

4. TECHNICAL INFORMATION

Physical Properties:

<u>Properties</u>	<u>Test Method</u>	<u>Typical</u>
Viscosity @ 73 ⁰ F, KU	D 562	80-90
Solids by Volume, %	D 2697	> 40
Solids by Weight, %	D 1644	> 50
VOC, grams/liter	-	< 100
Flash Point, °F	-	None
Dry Time: To Touch	-	1 to 2 Hour
To Recoat	-	8 to 16 Hours

5. INSTALLATION

Surface Preparation: Surfaces to receive **M-700 Base** must be completely dry and free of dust, dirt, talc, sand, oil, grease, algae, fungi, mildew or any foreign matter which will prevent or inhibit proper adhesion. Prior to application, clean the entire surface with a water and detergent mixture using a 3,000psi minimum pressure washer. Rinse thoroughly with clean water and allow to dry.

Apply **M-700 Base** evenly at a rate of .75 gallons per 100 SF on "new" smooth surface MB and asphalt BUR.

Apply **M-700 Base** at a rate of 1 gallon per 100 SF on "new" granulated surfaces.

Apply **M-700 Base** at a rate of .75 gallons per 100 SF on existing acrylic coated systems.

6. AVAILABILITY AND COST

MEGAFLEX™ products are sold through MEGA Approved Roofing Applicators and Distributors. Contact Mega Ind. for further information.

7. WARRANTY

MEGA Industries Corporation provides a 5 year material warranty which covers the replacement of the material should the material be found to have manufacturing defects.

8. MAINTENANCE

The roof surface and penetrations are maintenance items and should be inspected twice a year, in the spring and fall.

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