



PRODUCT DATA

1. PRODUCT NAME

MEGA FLASH™ M-500
FLASHING CEMENT/SEAM SEALER

2. MANUFACTURER

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

3. DESCRIPTION

MEGAFLASH™ M-500 Flashing Cement/Seam Sealer is a trowel grade water based 100% acrylic co-polymer resin material. Formulated using high performance resins to ensure the highest degree of adhesion, water resistance and consistency. This proprietary formula is a rapidly polymerized, UV radiant curing product.

For use as a flashing material with asphalt built-up and modified bitumen membranes in conjunction with polyester reinforcing fabric. Maybe used as a seam sealer on metal roof seams, penetrations and details.

<u>FEATURES</u>	<u>BENEFITS</u>
Elastic	Expands and contracts with the roof surface. Stays flexible.
Excellent Adhesion	Adheres to metal, asphalt, concrete and masonry surfaces.
Waterproofs	Is the primary material used to waterproof and the details of metal roofs.

Available in 5 gallon containers and caulk tubes.

Colors: *MEGAFLASH* is white in color. Limited made-to-order colors are also available. Contact Mega for more information.

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 before curing is complete. All roof and wall surfaces must be completely dry as *MEGAFLASH* M-500 forms a moisture

vapor retardant barrier. Trapped moisture may cause the material to blister and delaminate.
KEEP FROM FREEZING!

4. TECHNICAL INFORMATION

Physical Properties:

<u>Properties</u>	<u>Test Method</u>	<u>Typical M-500</u>
Reflectivity, %	D 2824	> 80
Viscosity @ 73° F, KU	D 562	Mastic Like
Solids by Volume, %	D 2697	> 80
Solids by Weight, %	D 1644	> 70
Weight per Gallon, lbs.	-	13.5
Flash Point, °F	-	None
Dry Time: To Touch	-	½ to 1 Hour
To Recoat	-	1 to 2 Hours
Full Cure	-	12 Hours

5. INSTALLATION

Surface Preparation: Surfaces to receive **M-500 MEGAFLASH™ Seam Sealer** 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. With clean water, rinse thoroughly and allow to dry.

Apply M-500 at an even thickness of 1/16 to 1/8". If required by specification, immediately brush in M-600 Polyester Reinforcing Fabric ensuring it is not stretched and is wrinkle free. Apply a second 1/16" to 1/8" coat of M-500.

6. AVAILABILITY AND COST

MEGAFLEX™ products are sold through MEGA Approved Roofing Applicators and Distributors. Contact Mega Industries 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.