



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-M10

P/N: 005-0035

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-M10 is a water-based, high solids elastomeric mastic/sealant utilizing the latest advances in acrylic technology. It is manufactured from a unique acrylic resin specifically designed to provide increased tensile strength and elongation on problem roof areas.

RECOMMENDED USES:

ERS-M10's thick, buttery consistency allows it to be easily worked into vertical seals on metal roofs, gaps in flashings and around protrusions and into heavily alligatored areas in weathered built-up roofing. It is ideally suited for sealing mechanical fasteners and horizontal seams on metal roofs, as well as around flashings, drains and protrusions. It has excellent adhesion to asphalt roofing, metal, concrete, wood, hypalon and polyurethane foam, and can also be used for encapsulating reinforcement fabric.

INSTALLATION:

Application: All surfaces must be dry and free from dirt, dust, grease, oil, pollution fallout, and other contaminants that may interfere with proper adhesion. Any primers that are to be utilized on the roof surface should be applied prior to application of any ERS-M10. Apply the ERS-M10 in a sufficient quantity to encapsulate fastener heads and completely seal the seam or crack being treated, extending the ERS-M10 to 1 to 2 inches (2.5 to 5 cm) on either side of the opening. A stiff-bristle brush should be utilized for working the ERS-M10 into seams, cracks, and alligatored areas. When sealing vertical seams on metal roof decks, the ERS-M10 should be applied in a 3 to 4 inch (7.5 to 10 cm) strip, in 2 coats, to a total thickness of 60 to 80 wet mils (1,524 to 2,032 microns), centered over the seam. All seams must first be checked to assure that there is no more than 1/4" (6 mm) deflection when pressure is applied below the seam. Add additional fasteners as necessary to minimize panel deflection.

STORAGE LIFE:

Keep from freezing as material will be unusable if subjected to temperatures below 32°F (0°C).

PACKAGING:

ERS-M10 is available in 5 gallon (18.9 liter) pails.

PRECAUTIONS:

Do not apply if ERS-M10 cannot cure prior to exposure to freezing temperatures, rain or heavy dew. Upon extended storage, some settling may occur; stir as necessary with a stiff mixing blade until a smooth, even consistency is achieved.

PHYSICAL PROPERTIES:

Property	Value	Test Method
Solids Content By Volume	66% (±2)	ASTM D 5201
Tensile Strength	325 psi (2.24 MPa)(±25)	ASTM D 412
Elongation	200% (±25)	ASTM D 412

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