

MACSEAL M.A.R.S.

HOT APPLIED, POURABLE MASTIC PATCHING MATERIAL, FINE GRADE

PRODUCT DESCRIPTION

MACSEAL M.A.R.S. is a hot applied, pourable polymer modified patching and repair material used for pavement preservation, repair and maintenance of asphalt pavements, concrete pavements or bridge deck surfaces.

MACSEAL M.A.R.S. consists of a blend of a specially engineered polymer modified binder using a highly elastic polymer type and a carefully selected aggregate fraction. The finished mastic will provide a durable, highly adhesive, highly flexible and non tacky material that is suitable for repairing wide cracks and joints, utility cuts, potholes, bridge joints or any other similar type of pavement distresses.

GENERAL PRODUCT FEATURES

- Cures to a non-tacky finish
- Engineered for all climates
- Adheres well to both hot mix asphalt and Portland cement concrete pavements
- Relatively fine aggregate gradation allows for thin repairs and for an excellent surface finish
- Load bearing and impact resistant
- Excellent solution for resurfacing utility cuts in high traffic, urban environments

CERTIFICATION OF QUALITY

McAsphalt Industries Limited is accredited to the quality standard **ISO 9001** and to the environmental standard **ISO 14001**.

Each lot of **MACSEAL M.A.R.S.** is produced using the strictest quality, safety and environmental guidelines. Each production lot is tested to ensure it meets or exceeds all performance requirements, and it is delivered with a Certificate of Analysis.

APPLICATION GUIDELINES

Read and follow the application instructions before use.

MACSEAL M.A.R.S. must be heated in an oil-jacketed double boiler kettle with constant or full sweep agitation to the material to keep aggregate suspended evenly.

APPLICATION TEMPERATURES

Application Temperature 177°C (350°F) - 200°C (392°F)

Maximum Safe Heating Temperature 200°C (400°F)

INSTALLATION

The pavement to be repaired should be dry and free of dust, dirt, grease, loose materials, and any other matter that could affect the bonding of the **MACSEAL M.A.R.S.** If colder than 5°C (40°F) the area to be repaired can be dried and warmed with a hot air lance.

MACSEAL M.A.R.S. can be applied directly to the pavement being repaired, in layers if necessary and smoothed to the surrounding edges.

PACKAGING, STORAGE AND HANDLING

MACSEAL M.A.R.S. is available as follows:

2 x 25 lb polybags of pre-measured polymer binder and aggregate. The binder and aggregate are not pre-mixed and need to be mixed during heating.

PRODUCT SUPPORT

With the **MCA Advantage**, you get a partner and advisor who will consult with you about design, specifications, technical services, processes and material selection. By developing innovative, custom-designed products that offer additional benefits, such as peak performance in unique conditions, improved field performance, greater environmental and health benefits, the **MCA Advantage** provides significant long-term cost savings, resulting in lower "total cost of ownership."



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