

DURA-FILL® MASTIC

Formulated for All Climates

Description: Dura-Fill MASTIC is a hot-applied repair mastic comprised of a black asphalt based polymer modified binder and select aggregate. This material is self adhesive. Dura-Fill MASTIC resists cracking, delamination and spalling. It is a flexible material that can withstand heavy loads, weather, traffic and thermal movement. Mastic provides a high-friction surface to ensure driver safety. Compaction equipment is not necessary with Dura-Fill MASTIC. This repair system is formulated to provide a feathered edge.

Recommended Uses: Dura-Fill MASTIC is recommended for sealing wide cracks and joints, as well as repairing a large variety of distresses in concrete and asphalt pavements. It is designed for large cracks and distressed surface areas too small for re-paving yet too large for traditional hot applied crack sealants.

Surface Preparation: Proper surface preparation facilitates adhesion and consequently the maximum service life of the mastic. In order for proper adhesion to occur, the surface must be free of moisture, dust, loose aggregate and other contaminants. Avoid use in highly distressed areas that require reconstruction. The substrate and air temperatures must be 40°F or above. Use oil-free compressed air and heat to clean and dry the area immediately prior to application. Heating the pavement will promote bonding between the mastic and pavement surface. Caution do not to overheat/oxidize the pavement.

Melting and Application: Melt Dura-Fill MASTIC using an oil-jacketed kettle designed for mastic materials. The kettle should be equipped with an agitator and temperature control devices for the material and heating oil. Carefully insert small quantities of Dura-Fill and the plastic bag into the melter while the agitator is turned off to avoid splash back. Once material has reached application temperature, apply to freshly prepared area. Dura-Fill Mastic can be applied directly from the melter, using an appropriate flute, bucket or mastic wagon. Immediately following application, the mastic shall be leveled and smoothed using mastic flutes. In deep installations, mastic may be applied in layers, cooling in between. When mastic is installed where added skid resistance is desired, Dura-Fill Mastic can be covered with a surface aggregate. Dura-Fill Mastic is ready for traffic when it has cooled and solidified.

Note: The temperature of the heating oil should not exceed 525°F. Do not heat material over the maximum heating temperature and do not maintain it at that temperature for prolonged periods of time. This could cause the material to gel in the equipment or fail on the pavement. A significant viscosity increase accompanied by stringiness signals the approach of gelation. If this occurs, immediately remove the material from the melter and dispose of it.

For further details read and follow the Dura-Fill SDS, MASTIC Installation Instructions, and P&T Products' Warranty.

Product Specifications when tested in accordance with ASTM D 5329, 36 and 8260.

POLYMER-MODIFIED BINDER		
Penetration	77° F	60 dmm Max.
Softening Point		200° F Min.
Low Temperature Flexibility	1" Mandrel Bend at 0° F	Pass
Asphalt Compatibility		Pass
Flash Point		400° F Min.
BLENDED PRODUCT		
Heating Temperature		410° F Max.
Application Temperature		370 - 390° F
Heating Time		12 Hours Max.
Low Temperature Flexibility	1" Mandrel Bend	Pass 32° F
Mastic Resilience		50% Min.

- ◆ Excellent Adhesion
- ◆ Rapid Melting
- ◆ Resists Tracking
- ◆ For Asphalt and Concrete Surfaces

Ideal Uses

- ◆ Pavement cracks or joints over 1.5 inches wide
- ◆ Potholes, utility cuts, manhole covers
- ◆ Spalls, pop-outs, and corner breaks
- ◆ Localized skin patch repairs
- ◆ Repairs prior to surface treatments
- ◆ Bridge approaches or faulted areas
- ◆ Depressed thermal cracks

Specifications

P&T Products'

Packaging

Dura-Fill is packaged in 30 lb poly-bags and boxed in high-strength corrugated cardboard. Each pallet contains 75 boxes or 2,250 lb of Dura-Fill.

P&T Products

472 Industrial Parkway, Sandusky, Ohio 44870
(419) 621-1966 • (877) 690-4093 • www.pntproducts.com