Evergrip Flexible GTR Bituminous Marker Adhesive

Permanent Bonding for Pavement Markers

Evergrip Flexible GTR is a hot melt bituminous adhesive used to permanently bond pavement markers to Portland cement concrete and asphaltic concrete.

Evergrip Flexible GTR Bituminous Adhesive Benefits

- Superior adhesion
- Superior flexibility
- Impact resistant
- Consistent quality
- Faster setting

Application

The pavement surface should be dry, cured and clean. The product should be heated in a temperature-controlled heater/ applicator with agitation system. The adhesive should be dispensed at the desired intervals at an application temperature of 365°F to 385°F (185°C to 196° C). The marker should be pressed into the Evergrip adhesive immediately and allowed to cool for at least one minute before subjecting the marker to traffic. The Evergrip Marker Adhesive should be applied in normal dry working conditions when the ambient temperature is at least 40°F (4°C).

Storage and Handling

The Evergrip product should be stored in the manufacturer's containers in a cool, dry place until ready to use. The product is packaged in 40 lb. (18.2 kg) fiber cartons with four-way dividers (36 cartons per pallet). Evergrip Flexible GTR bituminous marker adhesive should not be heated above 400 F°. It should not be applied to wet or uncured pavement. Asphalt stains can be removed with non-hazardous, bio-degradable cleaners. Waterless hand cleaner should be used to clean skin, following the cleaner manufacturer's instructions carefully.

Properties and Performance Data

Evergrip Bituminous Marker Adhesive meets ASTM and DOT's requirements.

Specification	Test Method	Requirement
Softening Point, °C	ASTM D-36	93 min
Penetration, 25°C , mm	ASTM D-5	30 max
Rotational Viscosity @ 191°C , Pa.s	ASTM D-4402	2-6
Flow @ 70°C, mm	ASTM D-5329	5 max
Flexibility @ -7°C	ASTM D-3111**	No breaks No cracks
Ductility @ 25°C, 5cm/min, cm	ASTM D-113	15 min
Ductility @ 4°C, 1cm/min, cm	ASTM D-113	5 min
Flash Point, °C	ASTM D-92	288 min

** Mandrel diameter: 25.4 mm.
Sample dimensions: 25.4 mm wide, 152 mm long and 3.18 mm thick.
Condition sample for 4 hours at -7°C before bending.
Bend the sample to a 90° arch at a uniform rate in 10 seconds.