

CRACKMASTER MA
Hot Applied Marker Adhesive

SMT-330

REVISED 09/06/22

PRODUCT DESCRIPTION

CrackMaster MA is a hot applied bituminous marker adhesive. When properly applied the material bonds markers and reflectors to concrete and asphalt pavements. It is a single component material formulated with select asphaltic resins and homogeneously mixed mineral filler. The marker adhesive does not contain rubber polymers.

USES

CrackMaster MA is suitable for bonding pavement markers to portland cement, asphaltic concrete, and chip sealed road surfaces.

TECHNICAL DATA

CrackMaster MA meets the following material requirements when tested in accordance with ASTM D 4280, A1 and ASTM D 4383, A1. (see chart below).

Chemical & Physical Analysis	
Recommended Application Temperature	370-400°F
Penetration	10-18
Flow (158°F)	5 mm Max.
Softening Point	200-210°F Min
Asphalt Compatibility	Compatible
Viscosity (400°F)	30 ± 75 poise

SURFACE PREPARATION

CrackMaster MA can be applied when road surface and marker temperatures are 40-160°F. Proper surface preparation facilitates adequate adhesion and consequently the maximum life of the adhesive. In order for proper adhesion, the pavement must be free of moisture, dust, loose aggregate, and other contaminants. Use oil-free compressed air and heat to clean and dry the pavement immediately prior to application. The marker should be applied to the adhesive immediately to ensure bonding.

MELTING AND APPLICATION

The melting kettle can be a direct fired unit, a conventional oil jacketed unit, or an electrically heated kettle. The material should be agitated while it is in the kettle. Carefully insert small quantities of CrackMaster MA and the plastic bag into the melting equipment while the agitator is turned off. Load material slowly to avoid splash back. After the initial load has reached the recommended pouring temperature, fresh material may be added to the melter as sealant is used. Melt only the material that will be used during the day. Purge material remaining in the kettle lines at the end of each sealing

operation. The material may be safely reheated and can be applied using a pressure feed wand system or a pour pot.

NOTE: The temperature of the heat transfer oil should not exceed 525°F. Do not heat CrackMaster MA above the maximum heating temperature and do not maintain it at the temperature for prolonged periods of time.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.