



The mark of enduring quality

Joint and crack sealant

Road Stud Adhesive (Tropical Grade)

APPLICATION INSTRUCTIONS

PRODUCT NAME

Road Stud Adhesive (Tropical Grade)

DESCRIPTION

- Road Studs Adhesive (Tropical Grade) is a high performance hot-melt, modified bituminous product used to bond inlaid and surface mounted pavement markers to both asphalt and concrete surfaces.
- It is suitable for use in warm climates and performs over a road temperature range from 0°C to +70°C. It exhibits high flexibility at low temperatures, while retaining good flow resistance at elevated temperatures.
- Supplied in block form in 4-ply sacks holding approximately 25kg.

INSTALLATION

Surface preparation

- The pavement surface should be thoroughly cleaned and dried using a hot compressed air lance, grit blasting or power brushing, to remove all surface contaminants. For inlaid pavement markers, ensure that the milled recess is clean and dry.
- It is recommended to prime concrete surfaces using CP primer.

Heating

- Use a purpose built, temperature controlled, mechanically agitated gas or diesel fired pre-heater.
- Remove the outer packaging and load the blocks of adhesive into the pre-heater. Initially load 3–5 blocks and once the material is being agitated and has started to melt, gradually add more blocks until the desired amount has been reached.
- Allow the content of the pre-heater to fully melt and reach pouring temperature, ensuring that the adhesive has been homogeneously mixed, and there are no visible clusters of non-melted material.
- Ensure the material is within the recommended pouring temperature range of 190–200°C.
- Use a calibrated hand-held thermometer with probe immersed in the material to obtain temperature readings as pre-heater temperature gauges may not always give a reliable or accurate temperature reading.
- Do not overheat the material. Maximum safe heating temperature of Road Studs Adhesive (Tropical Grade) is 210°C.
- Overheating the material will cause separation of the sealant.
- Prolonged heating times and repeated heat cycles may result in degradation of the product. For best performance, maximum heating time is six hours with one heating cycle.



The mark of enduring quality

Joint and crack sealant

Road Stud Adhesive (Tropical Grade)

APPLICATION INSTRUCTIONS

Application

- For surface mounted pavement markers, apply the adhesive to the road surface and place the pavement marker onto the adhesive.
- For inlaid pavement markers, apply the adhesive into the milled recess, insert the pavement marker and seal around the edges with the adhesive.