



The mark of enduring quality

Bituminous products

Road Stud Adhesive (Standard grade)

APPLICATION INSTRUCTIONS

PRODUCT

Road Stud Adhesive (Standard grade)

DESCRIPTION

- Road Studs Adhesive (Standard 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 temperate climates and performs over a road temperature range from -5°C to +40°C. It exhibits high flexibility at low temperatures, while retaining good flow resistance.
- 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 Prismo® 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.



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- 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 (Standard 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.

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.