

MEGAPOXY LSS-5 & CT

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Slot sealants for vehicle detection loops

Summary

Megapoxy LSS-5 and Megapoxy CT are effective loop sealants which provide a low dielectric encapsulation for detector cables. Megapoxy LSS-5 and CT are easy to prepare and is suitable for use under field conditions involving a wide temperature variation and strong winds. Both have very low water absorption characteristics and negligible shrinkage on setting. They have excellent adhesion to road pavement materials and are sufficiently flexible to allow for movement in the pavement. Neither is affected by oils, fuels, water etc., and is rapid curing and of low toxicity. Megapoxy LSS5 can be pigmented grey, similar to concrete in colour.

Cured properties

	CT	LSS
Colour	Black	Amber/clear
Compressive strength	22 MPa	27 Mps
Tensile strength	10 MPa	11Mps
Elongation at break	40%	35%

Packaging

Both Megapoxy LSS5 and CT are available in 20 litre kits. Megapoxy CT is black in colour as Megapoxy LSS5 is clear. In each kit part A and part B are pre-metered in correct mixing ratio for immediate use.

Characteristics of LSS-5 & CT

Mixing ratio by volume

- Part A: 1 part
- Part B: 1 part

Working time: 15 minutes at 25°C

Initial set time: 60 minutes at 25°C

Film touch-dry time: 1.5 hours at 25°C

Full cure time: 6 hours at 25°C

Technical service

All purchasers of MEGAPOXY products are invited to avail themselves of our technical service on epoxy base materials. The methods and systems outlined in this bulletin are the best available at the present time, however continual research and development is being carried out and could result in change without prior notice.

Please do not hesitate to contact us, for any additional information.