



“Creating a Safe Environment for All Road Users”

DPI Thermo Primer

Product Description

DPI Thermo Primer is specially formulated to promote the adhesion of DPI Thermoplastic Material to certain substrates/road surfaces. It is supplied in liquid form of special resin dissolving in hydrocarbon solvents. It is used as an intermediate tacky coat between worn, aged, oxidised bituminous substrate or concrete surfaces and thermoplastic pavement marking materials. Highly recommended to be used for coarse spray seal roadway surface, which is lack of bituminous binder. This product is strongly recommended to be used in the open-air area before the application of thermoplastic pavement marking materials to the road surface.

Application Guideline

DPI Thermo Primer is used as an intermediate coat between the substrate/road surface and DPI Thermoplastic. It promotes adhesion of substrate/road surface to thermoplastic through the dried primer. The application of 20-liter metal Drum of DPI Thermo Primer is applied through professionally trained personnel using brush, roller, or airless spray. Approximately coverage area of 4 - 7 m² per litre or 80 - 140 m² per 20 Litres is depending on roadway surfaces and ambient conditions.

- Applied a thin layer of DPI Thermo Primer on designated roadway surfaces and allow it to dry (touch dry) completely. Once thermo primer is dry, apply thermoplastic material as manufacturer instruction.
- Remove existing, worn and loose pavement markings such as waterborne paints, solvent borne paints and cold applied plastics by grinding and clean out dirt, loose particles, oil and grease patches before application to form proper bonding.
- Apply a thin coat of DPI Thermo Primer wider than the width of thermoplastic marking area.
- Allow the DPI Thermo Primer to dry completely (touch dry) - usually in 10-30 minutes depending on the ambient temperature.



Technical Data Sheet

10th March 2021

Revision: 02

Method of Application:

- Brush.
- Roller.
- Airless Spray.

Spreading Rate is approximately 5 sq. metre. / litre depending on thickness applied and road condition.

Packing: 20-liter Drum.

Warning: Highly flammable solution. Work away from source of flame and in well ventilated area.

Storage & Shelf Life

Please store under cover and in cool and dry condition. Recommended product shelf life is 6 months from original sealed package.

Health and Safety

Before using this product, please consult our Material Safety Data Sheet (MSDS) for information on safe handling and storage.

Our Quality Commitment

Dura Products Industries-DPI focuses on longstanding commitment to continue its outstanding service to customer, and continuously strive for quality improvements and development of new and highest quality road safety products. Our long-term aim has always been to “Create a Safe Environment for all Road Users”.

DPI is the holder of ISO 9001:2015, ISO 17025:2017 and APAS certificate, conforms to Australian Standard Specification AS 4049.2, NSW RTA/RMS QAS 3357, APAS 0041/4 and High-Performance Specification R145.

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