

DAMAR AQUA

Description

A new generation high quality, high performance, waterborne road marking paint with exceptional fast drying characteristics.

Applied by spray.

Available: 20 litre, 200 litre, 1000 litre

Typical Uses

- As a long lasting road marking paint.
- For use on bituminous and concrete substrates.
- Where excellent glass bead holding is required.

Properties

Resin System	Acrylic Emulsion
Pigmentation	Titanium Dioxide, Hard wearing extenders
Finish	Matt
Colour	White, yellow, black.
Dilution Rate	Use as supplied
Volume Solids	66% ± 2.0%
Theoretical Coverage	3.0 – 3.7 m ² /litre @ 220 - 180 µm DFT
Dry Time @ 25°C	Touch 2½ minutes, Recoat 55 minutes
Number of Coats	1
Clean Up	Water. For a thorough clean of equipment Damar Thinners PF 5 is recommended.

Performance / Limitations

- Approved for New Zealand Transport Agency M7 2017 specification road marking use.
- Fast drying (M7 2017 specification classification rapid dry).
- Excellent resistance to bleeding.
- Excellent adhesion to aged road marking paint.
- Improved retention of glass beads (when compared to alkyd based paints).

- Dry times will be longer in cold or high humid, windless weather.
- NOT recommended for use over damp or wet surfaces.
- NOT recommended for use under 10°C. Below this temperature product will not form a film and adhere to substrate.
- Application to concrete is problematic due to large variations in drying agents and surface finishes available, plus surface contaminations.
- For application to concrete surfaces please refer to concrete application sheet

Preparation

- Surfaces must be clean, dry, free from oil, grease, lichen, etc. and any loose, flaky material.
- Can be applied to bare, unprimed or unsealed bitumen based surfaces*

*For concrete painting see concrete preparation information sheet

Application

- Stir thoroughly before use.
- Recommended application method is by spraying, either airless or conventional.
- May be thinned up to 5% by volume with water to aid application.
- For first coat application to new or aged hot mix on car parks or tennis courts etc, apply a dust coat of approximately 50 Microns DFT, leave to dry for 24 hours minimum then apply second coat to desired film build.

Approvals

New Zealand	NZTA M/7 2017	CEO*
Australia	APAS 0041/5	AEI*

*M7 approvals based on an application rate of 220 microns DFT (Dry Film Thickness)

General

Improved worker safety - very low volatile organic solvent volume.

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Health and Safety

- For detailed information refer to the Material Safety Data Sheet and label for this product.
- Provide adequate ventilation during use.
- When spraying wear a quality mask as inhalation of mist may cause respiratory irritation.
- Wear eye protection when handling as splashes to the eye may cause irritation.
- Product is **NON FLAMMABLE**.

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