

# TECHNICAL DATA SHEET



Dy-Mark (Aust) Pty Ltd  
PO Box 1556 Toowong 4066  
Phone: 1300 396 275 Fax: 1300 360 440  
www.dymark.com.au

## Dy-Mark Line Marking Paint WATER BASED (Bulk)



**Dy-Mark Line Marking Paint WATER BASED**, is an environmentally friendly water based acrylic paint designed to meet the requirements of road line marking and off street line marking applications. It is fast drying which helps minimise traffic hold ups. It is a durable coating which delivers clean lines with high visibility and is suitable for use with reflective glass beads. This is an APAS certified product.

Suitable for use on concrete and bituminous roads, pavements, car parks, shopping centres, factories and warehouse lines and floors.

### DIRECTIONS FOR USE

#### Suitable Surfaces:

For use on bare, unprimed or unsealed bitumen based surfaces.

For use on concrete surfaces please read notes below:

- Application to concrete is problematic due to large variations in the quality of the concrete due to use of curing compounds, densifiers, sealers and the varying surface finishes available.
- Any curing compounds, densifiers and sealers should be mechanically removed prior to application by blasting or grinding.
- Bare smooth concrete should be etched prior to application.
- Failure to properly prepare concrete surfaces will almost always result in poor adhesion and paint bonding failure.

Fresh concrete or bitumen should be allowed to age/cure for 28 days prior to application for best performance.

#### Ideal Application Temperature:

Do not apply when surface and/or ambient temperatures are below 10°C.

Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.

Do not apply if the surface is not dry.

#### Preparation:

Refer to Safety Data Sheet before use.

A test patch should always be carried out, especially on any suspicious surfaces.

All surfaces must be clean, dry and free from grease, oil, dirt, dust, loosely adhered material, chipping/peeling existing material and all other surface contaminants. If any mould or fungus is present on the surface, wash it with a commercial bleaching agent and then rinse with water. Allow the surface to dry fully before application.

Use good judgement before applying over old line markings that have been recoated many times. The adhesion of the new line is no better than the old line you are painting over. Check cross cut adhesion test of old coating before repainting.

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## Application:

Stir thoroughly with a flat paddle stirrer before and frequently during use.

Thin with a maximum of 5% water if required (depending on weather conditions). Apply uniformly using convenient method of application.

## Coverage:

Approximately 3.2m<sup>2</sup> per litre at 200 micron dry film thickness.

Approximately 2.2m<sup>2</sup> per litre at 300 micron dry film thickness.

Coverage is dependent on type of surface, texture and application method. Higher film thickness will result in lower coverage.

## Drying Time:

Touch dry – 5 minutes (25°C and RH 60%).

Drying will be slower in cold and humid conditions, in the absence of ventilation or where heavy film build is applied.

## TECHNICAL DATA

<b>Size:</b>	15 Litre
<b>Finish:</b>	Matt
<b>Colour:</b>	Black N61, Blue B23, Golden Yellow Y14, White N14 & Red R13
<b>Consistency:</b>	Liquid
<b>Solvent Resistance:</b>	Being thermoplastic film sensitive towards alcohol & aromatic hydrocarbons
<b>Ideal Application Temperature:</b>	Do not apply when surface temperature is below 10°C
<b>Density:</b>	1.63 – 1.73
<b>Weight Solids (%):</b>	77 – 81.5
<b>Volume Solids (%):</b>	63.5 – 65.5
<b>VOC:</b>	53g/L
<b>Flammability:</b>	Non-Flammable
<b>Toxicity:</b>	Dry film is non toxic
<b>Solvent for Thinning &amp; Clean Up:</b>	Water

## STORAGE

Keep container tightly closed. Store in well-ventilated place. Keep cool.

## DISPOSAL

Do not wash paint equipment and allow waste to enter drains and water ways.

Do not dispose of unwanted paint and thinners that will enter drains and water ways.

Refer to state/local EPA and council web sites for environmental and safe disposal details.

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## FIRST AID/SAFETY INFORMATION

**Please refer to Safety Data Sheet before use.** Safety data sheets are available for download from our website [www.dymark.com.au](http://www.dymark.com.au) or from following QR code:



**Call a POISON CENTRE: Australia 13 11 26, New Zealand 0800 764 766** or doctor/physician if you feel unwell.

**KEEP OUT OF REACH OF CHILDREN.**

## DISCLAIMER

The information provided within this Technical Data Sheet is intended as a guide only. The Slip resistance and performance of this product depends on many factors outside the control of Dy-Mark; including surface preparation, surface-specific conditions, surface types, correct application and environmental conditions.

Dy-Mark recommends customers undertake their own risk assessment prior to use to determine the suitability of the product for the particular use intended. Some factors to consider:

- Slip resistance required
- Surface type
- Volume of traffic
- Potential exposure to any surface contaminants eg. water, solvents or chemicals

It is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs on the specific surface.

For further information regarding the products slip resistance, please contact the Dy-Mark Sales and Customer Support Centre on 1300 396 275.