ROADMASTER® WB2

Rapid Drying Water Borne Road Marking Paint

PC 684

FEATURES

- Able to incorporate large Visy® drop on reflective glass beads
- No harsh solvent odours, making it environmental and user friendly
- Easy clean up properties
- Excellent durability
- Non flammable

USES

ROADMASTER® WB2 is a fast dry water borne coating based on durable acrylic emulsion and can be applied to concrete and bitumen surfaces without bleeding or discolouration, providing clean lines of high visibility. A major feature of this product is its water borne properties, which make it an environmental friendly coating and much easier for the applicator to apply. ROADMASTER® WB2 is particularly recommended for marking roadways, car parks and pavements where long term durability is required, typically in shopping centres, highways, factory and warehouse floors and is designed to meet the requirements of government departments, and councils.

SPECIFICATIONS

Approved to APAS 0041/5
AS4049.3

RESISTANCE GUIDE

HEAT RESISTANCE
Up to 90°C dry heat.

WEATHERABILITY
Excellent resistance to exterior exposure.

SOLVENTS
Resists alcohol, mineral turpentine and similar solvents. Esters, ketones, ethers, chlorinated solvents or similar strong solvents are liable to attack the coating.

ACRIDS
Not recommended where splash or spillage may occur.

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION
100% acrylic roadmarking

FINISH
Flat

COLOUR
White and LF Yellow

APPLICATION CONDITIONS
Air Temperature 5°C 45°C
Substrate Surface Temperature 5°C 45°C
Relative Humidity 85%
Concrete Moisture Content <10%

No Pick Time
Conforms to AS4049.3

APPLICATION METHODS
Airless spray.

PRODUCT CODE
523-52123 White
523-82132 LF Yellow

Drying characteristics at 230 microns dry film thickness

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Humidity</th>
<th>Touch</th>
<th>Full Cure</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>25°C</td>
<td>50%</td>
<td>5 Minutes</td>
<td>7 Days</td>
<td>1-2 Hours</td>
<td>Indefinite</td>
</tr>
</tbody>
</table>

These figures are given as a guide only, as ventilation, film thickness, humidity, thinning and other factors will influence the rate of drying.

TYPICAL SPREADING RATE AT RECOMMENDED DRY FILM BUILD

A spreading rate of 2.6 sq. metres per litre corresponds to 230 microns dry film thickness assuming no losses. Practical spreading rates will vary depending on such factors as method and conditions of application and surface roughness.

ROADMASTER® WB2
TYPICAL SYSTEMS
(The typical systems are offered as a guide only and are not to be used as a specification. It is recommended that the specific needs of a project be discussed with a Dulux Protective Coatings Consultant.)

SURFACE | PREPARATION GUIDE | SYSTEM | DRY FILM THICKNESS
---------|-------------------|--------|------------------
CONCRETE | Clean & Dry       | 1st Coat ROADMASTER® WB2 | 230 Microns

SURFACE PREPARATION
ROADMASTER® WB2 is designed for application to dry asphalt and concrete road and car park surfaces that are clean and free of oil and grease contamination.

APPLICATION
Stir each can thoroughly until the contents are uniform. Use of a power mixer is recommended. Remix thoroughly before using.

BRUSH/ROLLER
Brush and roller application is not recommended due to the speed of dry of the product.

CONVENTIONAL SPRAY
Thinning is not normally required, however a small amount clean potable water can be added. Apply in multiple wet coats overlapping each pass 50%.
Typical Set-up
Graco Delta Gun: 1.8mm (239543)
Pressure at Pot: 70-100 kPa (10-15 p.s.i.)
Pressure at Gun: 410-480 kPa (60-70 p.s.i.)

AIRLESS SPRAY
Standard airless spray equipment such as a Graco 33:1 Bulldog with a fluid tip of 15 thou (0.38mm) and an air supply capable of delivering 550-690 kPa (80-100 p.s.i.) at the pump. Do not thin.

PRECAUTIONS
This is an industrial product designed for use by experienced Protective Coating applicators. Where conditions may require variation from the recommendations on this Product Data Sheet contact your nearest Dulux™ representative for advice prior to painting. Do not apply in conditions outside the parameters stated in this document without the express written consent of Dulux™ Australia. Do not apply at relative humidity above 85% or when the surface is less than 3°C above the dewpoint. Do not apply to the road when rain threatens. Build up on the spray tip may occur in hot weather due to the rapid dry of this product. It is recommended that the gun tip be placed in a container of water when not in use. Application should be standardised to ensure uniformity in surface appearance and film thickness. When used in pedestrian areas use of a non-slip additive should be considered.

CLEAN UP
Clean all equipment with water immediately after use. Use Dulux® Epoxy Thinner (920-08925) to clean spray tips and remove any dry residue on equipment.

OVERCOATING
The surface must be free of oil, grease and other contaminants.

SAFETY PRECAUTIONS
Read Data Sheet, Safety Data Sheet and any precautionary labels on containers.

STORAGE
Store in a cool bunded area under cover. Keep containers closed at all times.

HANDLING
As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice. Eye protection approved to AS1337 should be worn where there is a risk of splashes entering the eyes. Always wash hands before smoking, eating, drinking or using the toilet.

USING
Use with good ventilation and avoid inhalation of spray mists and fumes. If risk of inhalation of spray mists exists, wear combined organic vapour/particulate respirator. When spray painting, users should comply with the provisions of the respective State Spray Painting Regulations.

FLAMMABILITY
This product is non flammable. On burning will emit toxic fumes.

SAFETY DATA SHEET is available from Dulux Customer Service (Australia 132 377 or New Zealand 0800 800 424)
www.duluxprotectivecoatings.com.au

Dulux Protective Coatings a division of
DuluxGroup (Australia) Pty Ltd
1906 Dandenong Road, Clayton 3168
A.B.N. 67 000 049 427

DuluxGroup (New Zealand) Pty Ltd
150 Hutt Park Road, Lower Hutt, NZ
A.B.N. 55 133 404 118

Dulux and Roadmaster are registered trade marks of DuluxGroup (Australia) Pty Ltd.
VISY is a registered trademark of POTTERS INDUSTRIES.

Any advice, recommendation, information, assistance or service provided by DULUX Australia in relation to goods manufactured by it or their use and application is given in good faith and is believed by Dulux to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Dulux is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right of any person to bring proceedings for breach of any warranty, representation or obligation set out in this Data Sheet. No advice given by Dulux shall constitute a warranty that the goods will be suitable for any particular purpose or any description or specification of the goods. In no event will Dulux be liable for, or have responsibility to indemnify the customer for, any loss or damage suffered or incurred by the customer or any third party as a result of, or in connection with the sale, delivery, use or application of the goods whether direct or indirect, arising from negligence or breach of contract or from any other cause.

Dulux Australia Pty Ltd is a registered company in Australia and complies with the requirements of the Australian Consumer Law. Dulux Australia Pty Ltd is a member of the Dulux Group which is a division of the Dulux Group Pty Ltd, Sydney and complies with the requirements of the Consumer Guarantees Act 1999 of New Zealand.