ROADMASTER® WB2
Rapid Drying Water Borne Road Marking Paint

FEATURES

• WATERBASED AND LOW ODOUR
• EASY CLEAN UP IN WATER
• NON FLAMMABLE
• EXCELLENT DURABILITY
• HIGH BUILD SUITABLE FOR REFLECTIVE GLASS BEADS

USES

ROADMASTER® WB2 is a fast dry water borne road marking paint based on durable acrylic emulsion and can be applied to concrete and bitumen surfaces without bleeding or discolouration, providing clean lines of high visibility. This product is water borne and therefore easier and safer for the applicator to apply.

ROADMASTER® WB2 is particularly recommended for marking road lanes, car park bays and pavements where long term durability is required, typically in and around shopping centres, highways, factories and warehouses. ROADMASTER® WB2 is particularly suited for the requirements of government departments and their assets, and local council properties.

SPECIFICATIONS

Approved to APAS 0041/5
AS4049.3

RESISTANCE GUIDE

RESISTANCE GUIDE

WEATHERABILITY
Excellent

SOLVENTS

SOLVENTS
Resists alcohol, mineral turpentine and similar solvents. Not suitable for esters, ketones, ethers, chlorinated solvents or similar strong solvents

HEAT RESISTANCE
Up to 90°C dry heat

WATER

WATER
Resists rain and condensation. Not recommended for permanently damp or immersed exposure

SALTS
Excellent resistance to neutral salt solutions

ALKALIS

ALKALIS
Not recommended where splash or spillage may occur

ACIDS
Not recommended where splash or spillage may occur

EXTRAORDINARY RESISTANCE
Excellent resistance to tyre abrasion

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION
100% acrylic roadmarking paint

APPLICATION CONDITIONS

FINISH
Flat

Air Temp.
5°C
45°C

COLOUR
White, Yellow & RM blue

Substrate Temp.
5°C
45°C

COMPONENTS
One

Relative Humidity
85%

VOLUME SOLIDS
61% (White)

Concrete Moisture
<10%

VOC LEVEL
<40 g/L (White)

COATING THICKNESS (MICRONS)

FLASH POINT
Non flammable

Min
375

POT LIFE
Not applicable

Max
375

MIXING RATIO V/V
Single pack

Dry film per coat (μm)
220

THINNER
Not recommended

Recommende
230

PRODUCT CODE
523-52123

SUITABLE
Clean asphalt and concrete

White

PRIMERS
Not applicable

523-82132

TOPCOATS
Not applicable

523-39027

APPLICATION METHODS
Conventional and airless spray

RM Blue

SPREADING RATE

ASSUMING NO LOSSES
2.6 square metres per litre equals 230 μm dry film thickness

NOTE: Practical spreading rates will vary depending on such factors as application method, ambient conditions, surface porosity and roughness.

DRIYING CHARACTERISTICS AT 230 μm DRY FILM THICKNESS*

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Humidity</th>
<th>Touch</th>
<th>No Pick Up</th>
<th>Full Cure</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>25° C</td>
<td>50%</td>
<td>Not Applicable</td>
<td>&lt; 10 Minutes</td>
<td>7 Days</td>
<td>1-2 Hours</td>
<td>Indefinite</td>
</tr>
</tbody>
</table>

* These figures are a guide only, as ventilation, film thickness, humidity, thinning and other factors will influence the rate of drying.
ROADMASTER® WB2

TYPICAL SYSTEMS

This is a guide only and not to be used as a specification. Your specific project needs must be discussed with a Dulux Protective Coatings Consultant.

<table>
<thead>
<tr>
<th>SURFACE</th>
<th>ENVIRONMENT</th>
<th>PREPARATION GUIDE</th>
<th>SYSTEM</th>
<th>DFT (μm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONCRETE &amp; ASPHALT</td>
<td>Exterior/Interior</td>
<td>Remove dirt, dust oily deposits and other surface contaminants. Ensure surface is clean and dry</td>
<td>1st Coat Roadmaster® WB2</td>
<td>230 μm</td>
</tr>
</tbody>
</table>

NOTE: If application is by brush or roller, additional coats will be necessary to achieve the minimum DFT and full opacity. For reflective lines, broadcast reflective glass beads immediately onto the wet paint at the rate of 0.5 kg per litre.

SURFACE PREPARATION

Concrete Floors: Concrete must be at least 28 days old before coating. Remove curing compounds, oil, grease and other oily contaminants with Gamlen CA 1 (according to the manufacturer’s written instructions and all safety warnings). Diamond grind, track or light shot-blast concrete floors to remove laitance and to provide a suitable profile. Remove all dust by vacuum cleaning. Fill any large cracks or voids using Luxepoxy® Filler.

Asphalt: Asphalt must be at least one month old before coating. Remove all oil, grease, dust and other surface contaminants. Ensure surface is clean and dry prior to painting.

APPLICATION

Mix each can thoroughly using a power mixer until the contents are uniform. Remix thoroughly before application.

BRUSH/Roller

Neither brush nor roller application is recommended due to the very short dry time 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%.

AIRLESS SPRAY

Standard airless spray equipment such as a Graco Merkur 30:1 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

Remove all oil, grease, dust and other surface contaminants. Ensure surface is clean and dry.

SAFETY PRECAUTIONS

Read Data Sheet, SAFETY DATA SHEET and any precautions on container labels. SAFETY DATA SHEET is available from Customer Service (13 23 77) or www.duluxprotectivecoatings.com.au

STORAGE

Store in a cool banded 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 spraying, users must comply with their respective State Spray Painting Regulations.

FLAMMABILITY

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

PACKAGING, TRANSPORT AND STORAGE

Dulux Protective Coatings a division of
DuluxGroup (Australia) Pty Ltd
1956 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

PACKAGING

Available in 15, 200, 500 and 1,000 Litre containers

TRANSPORTATION WEIGHT

1.77 kg/litre (White)

DANGEROUS GOODS

Non Dangerous Goods

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