

ROADMASTER® WB2

Rapid Drying Water Borne Road Marking Paint

PC 684

- 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 AS4049.3
APAS 0041/5 - assessed and confirmed to meet all requirements on specific certified products. Refer to a Dulux® Protective Coatings Consultant for more details.
Where APAS certified glass beads/aggregates are required to be used in conjunction with Roadmaster® WB2 on a project, please refer to the APAS certified products webpage for an approved list of material sources.

RESISTANCE GUIDE

WEATHERABILITY	Excellent	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	Resists rain and condensation. Not recommended for permanently damp or immersed exposure
SALTS	Excellent resistance to neutral salt solutions	ALKALIS	Not recommended where splash or spillage may occur
ACIDS	Not recommended where splash or spillage may occur	ABRASION	Excellent resistance to tyre abrasion

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION	100% acrylic roadmarking paint			APPLICATION CONDITIONS			
FINISH	Flat				Min	Max	
COLOUR	White, Yellow & RM blue			Air Temp.	5°C	40°C	
				Substrate Temp.	5°C	40°C	
				Relative Humidity		85%	
				Concrete Moisture		<6%	
COMPONENTS	One			COATING THICKNESS (MICRONS)			
VOLUME SOLIDS	61% (White)				Min	Max	Recommended
VOC LEVEL	<40 g/L (White)			Wet film per coat (µm)	375	—	375
FLASH POINT	Non flammable			Dry film per coat (µm)	230	—	230
POT LIFE	Not applicable						
MIXING RATIO V/V	Single pack						
THINNER	Not recommended			SUITABLE SUBSTRATES	Clean asphalt and concrete		
PRODUCT CODE	523-52123	White		PRIMERS	Not applicable		
	523-82132	Yellow		TOPCOATS	Not applicable		
	523-39027	RM Blue		APPLICATION METHODS	Conventional and airless spray		

DRYING CHARACTERISTICS AT 230 µm DRY FILM THICKNESS*

					OVERCOAT	
Temperature	Humidity	Touch	No Pick Up	Full Cure	Min	Max
25° C	50%	Not Applicable	< 10 Minutes	7 Days	1-2 Hours	Indefinite

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

SPREADING RATE 2.6 square metres per litre equals 230 µm dry film thickness
ASSUMING NO LOSSES NOTE: Practical spreading rates will vary depending on such factors as application method, ambient conditions, surface porosity and roughness.

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.

SURFACE	ENVIRONMENT	PREPARATION GUIDE	SYSTEM	DFT (µm)
CONCRETE & ASPHALT	Exterior/Interior	Remove dirt, dust oily deposits and other surface contaminants. Ensure surface is clean and dry	1 st Coat Roadmaster®WB2	230 µm

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	<p>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.</p> <p>Asphalt: Asphalt must be at least 28 days old before coating. Remove all oil, grease, dust and other surface contaminants. Ensure surface is clean and dry prior to painting.</p>			
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%.			
	Typical Set-up	Graco AirPro:	1.8mm (239543)	
		Pressure at Triton 308:	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 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. Excess thinning or excess film build may lead to cracking of the asphalt. This is particularly evident when coating broad areas.			
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 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 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
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PACKAGING Available in 15 Litre containers

TRANSPORTATION WEIGHT 1.77 kg/litre (White)

DANGEROUS GOODS Non Dangerous Goods

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