

AEROMASTER®

Water Borne Aerodrome Paint

PC 690

- FEATURES**
- FAST "NO-PICK-UP" TIME OVER WIDE TEMPERATURE RANGE
 - FLAT FINISH PROVES NON SLIP FILM FOR IMPROVED TRAFFIC SAFETY
 - SELF CHALKING FILM MAINTAINS WHITENESS AND AVOIDS BUILD UP
 - LOW ODOUR AND USER FRIENDLY
 - EASY CLEAN UP WITH WATER
 - NON FLAMMABLE

USES AEROMASTER® is a fast dry, water based flat paint with fast no-pick-up time and built in self chalking characteristics.

AEROMASTER® is formulated specially for the marking of airport runways, terminals, aprons etc. It can be applied to concrete or asphalt surfaces by brush, roller, airless or conventional spray equipment.

SPECIFICATIONS

RESISTANCE GUIDE

WEATHERABILITY	Good resistance to cracking and flaking on asphalt and concrete. Self-chalking to avoid build up.	SOLVENTS	Limited splash resistance to aviation fuel.
HEAT RESISTANCE	Resists blocking and hot tyre marking up to 70°C	WATER	Resists rain and condensation. Not recommended for permanently damp or immersed exposure.
SALTS	Unaffected by splash and spillage of neutral salt solutions	ALKALIS	Not recommended where splash or spillage may occur
ACIDS	Not recommended where splash or spillage may occur	ABRASION	Will wear gradually over a period of 12 months

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION	100% acrylic roadmarking paint	APPLICATION CONDITIONS	
FINISH	Flat		Min Max
COLOUR	White, Yellow and Black	Air Temp.	5°C 45°C
		Substrate Temp.	5°C 45°C
		Relative Humidity	85%
		Concrete Moisture	<10%
COMPONENTS	One	COATING THICKNESS (MICRONS)	
VOLUME SOLIDS	28% (White)		Min Recommended
VOC LEVEL	<30 g/L (White)	Wet film per coat (µm)	100 100
FLASH POINT	Non flammable	Dry film per coat (µm)	28 28
POT LIFE	Not applicable		
MIXING RATIO V/V	Single pack	SUITABLE SUBSTRATES	Clean asphalt and concrete
THINNER	Water	PRIMERS	Not applicable
PRODUCT CODE	075-28171 White 075-82590 Yellow 075-82589 Black	TOPCOATS	Not applicable
		APPLICATION METHODS	Brush, roller conventional and airless spray

DRYING CHARACTERISTICS AT 28 µm DRY FILM THICKNESS*

Temperature	Humidity	Touch	No Pick Up	Full Cure	OVERCOAT	
					Min	Max
25° C	50%	Not applicable	< 15 Minutes	7 Days	2 Hours	Extended

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

SPREADING RATE ASSUMING NO LOSSES

10 square metres per litre equals 28 µm dry film thickness

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

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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	Exterior/Interior	Remove curing agents and other surface contaminants. Ensure surface is clean and dry.	1 st Coat Aeromaster®	28 µm
ASPHALT	Exterior	Ensure surface is fully cured, clean and dry.	1 st Coat Aeromaster®	28 µm
SURFACE PREPARATION	<p>Concrete: Concrete must be at least 28 days old before coating. Remove all laitance, form release, curing compounds, oil, grease, dust and other surface contaminants. Dulux® recommends that surfaces be degreased with Gamlen CA 1 (a free-rinsing, alkaline detergent) according to the manufacturer's written instructions and all safety warnings. Ensure surface is clean and dry.</p> <p>Asphalt: Allow asphalt to fully cure. Remove all oil, grease, dust and other surface contaminants. Ensure surface is clean and dry prior to painting.</p>			
APPLICATION	Mix thoroughly using a power mixer until the contents are uniform. Remix thoroughly before application.			
BRUSH/ROLLER	Ensure brush or roller is rinsed in clean, potable water and still damp. Apply even coats of the stirred material to the prepared surface. When brushing and rolling additional coats may be required to attain the specified thickness.			
CONVENTIONAL SPRAY	Thin up to 100ml/litre with clean, potable water to aid atomisation.			
	Typical Set-up	Graco AirPro Pressure at Triton 308: Pressure at Gun:	1.8mm (239543) 70-100 kPa (10-15 p.s.i.) 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 – 19 thou (0.38 – 0.48mm) and an air supply capable of delivering 550-690 kPa (80-100 p.s.i.) at the pump. Thinning is not normally required but up to 50 ml/litre of clean, potable water may be added to aid application.			
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.			
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 oil, grease, dirt 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 bonded 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 not flammable. On burning will emit toxic fumes.			
WELDING	Avoid inhalation of fumes if welding surfaces coated with this paint. Grind off coating before welding.			

COMPANY INFORMATION

Dulux Protective Coatings a division of

DuluxGroup (Australia) Pty Ltd
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DuluxGroup (New Zealand) Pty Ltd
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PACKAGING, TRANSPORT AND STORAGE

PACKAGING Available in 15 litre pails

TRANSPORTATION WEIGHT 1.42 kg/litre (white)

DANGEROUS GOODS Non dangerous goods

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