

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.

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

FINISH Flat

COLOUR White, Yellow and Black

COMPONENTS One

VOLUME SOLIDS 28% (White)

VOC LEVEL <30 g/L (White)

FLASH POINT Non flammable

POT LIFE Not applicable

THINNER Water

PRODUCT CODE

075-28171	White
075-82590	Yellow
075-82589	Black

APPLICATION CONDITIONS

	Min	Max
Air Temp.	10°C	40°C
Surface Temp.	10°C	40°C
Relative Humidity		85%
Concrete Moisture		<6%

COATING THICKNESS (MICRONS)

	Min	Max	Recommended
Wet Film Per Coat (µm)	100		100
Dry Film Per Coat (µm)	28		28

SUITABLE SUBSTRATES Clean asphalt and concrete

PRIMERS Not applicable

TOPCOATS Not applicable

APPLICATION METHODS Airless Spray, Brush

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

The drying 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.	1st Coat Aeromaster®	28 µm
ASPHALT	Exterior	Ensure surface is fully cured, clean and dry.	1st Coat Aeromaster®	28 µm

SURFACE PREPARATION	Concrete: New concrete must be allowed to cure a minimum of 28 days at 24°C before coating. Diamond grind, track or light shot-blast concrete floors to remove laitance, hardeners, sealers, and/or other contaminants and to provide a suitable surface profile, as per ICRI 310.2R, of CSP 2-3. Remove all dust and debris by vacuum cleaning. Fill any large cracks or voids using Luxepoxy® Filler. Check moisture content of the floor prior to painting. To minimise the risk of moisture interference, Dulux recommends the following two tests be performed prior to coating: • ASTM F2659–10 “Standard Guide for Preliminary Evaluation of Comparative Moisture Condition of Concrete, Gypsum Cement and Other Floor Slabs and Screeds, Using a Non-Destructive Electronic Moisture Meter” (moisture content not to exceed 6%). • ASTM D4263 “Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method” (no visible moisture present). Note: The testing listed above cannot guarantee avoidance of future moisture related problems, particularly if concrete contamination from oils, chemical spills, unreacted silicates, chlorides or Alkali Silica Reaction (ASR) is suspected. If there is any concern about moisture problems with the concrete slab, contact your nearest Dulux® Representative for advice prior to painting. Asphalt: Allow asphalt to fully cure. Remove all oil, grease, dust and other surface contaminants. Ensure surface is clean and dry prior to painting.											
	APPLICATION	Mix thoroughly using a power mixer until the contents are uniform. Remix thoroughly before application.										
	APPLICATION EQUIPMENT	Airless Spray: Use a Graco LineLazer V5900 or equivalent airless line striping equipment. Thinning is not normally required, but up to 50 ml/litre of clean, potable water may be added to aid application. <table><tr><td>Tip Orifice</td><td>Atomising Pressure</td><td>Material Hose ID</td><td>Pump Manifold Filter</td></tr><tr><td>0.015"-0.017" (381-432 microns)</td><td>2,000-3,000 p.s.i. (13,800-20,700 kPa)</td><td>3/8" (9.5 mm)</td><td>50 mesh (297 microns)</td></tr></table> NOTE: A 2 metre x ¼" (6.35 mm) whip hose is allowed at the end of the material hose for greater ease of application when free spraying curbs or other areas. Spray gun should be Graco Contractor Grade Silver Gun or equivalent. Roller: Roller application is not recommended due to the very short dry time of the product. Brush: Brush application is suitable for small areas only. Use high quality natural or synthetic bristle brushes. Apply even coats of the material to the prepared surface.				Tip Orifice	Atomising Pressure	Material Hose ID	Pump Manifold Filter	0.015"-0.017" (381-432 microns)	2,000-3,000 p.s.i. (13,800-20,700 kPa)	3/8" (9.5 mm)
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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 temperature 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 (132377) or www.duluxprotectivecoatings.com.au											
	Product Line Shade, Product Name, and SDS Number		SDS Link									
	075-LINE, AEROMASTER PAINT, DLXGHSN003147		View SDS Link									
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 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.											

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COMPANY INFORMATION		PACKAGING, TRANSPORT AND STORAGE	
Dulux Protective Coatings is a division of		PACKAGING Available in 15 litre pails	
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	TRANSPORTATION WEIGHT	1.50 kg/litre (White)
		DANGEROUS GOODS Part A:	Non DG

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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 entitlements and remedies conferred upon any person or the liabilities imposed upon Dulux by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Products can be expected to perform as indicated in this sheet so long as applications and application procedures are as recommended. Specific advice should be sought from Dulux for application in highly corrosive areas and for large projects to ensure proper performance.