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

COLOUR
Flat

FINISH
White, Yellow and Black

AIR Temp.
5°C

MIN.

Max
45°C

SUBSTRATE Temp.
5°C

Relative Humidity
85%

Concrete Moisture
<10%

COATING THICKNESS (MICRONS)

Wet film per coat (μm)
100

MIN.

Recommended

Dry film per coat (μm)
28

Clean asphalt and concrete

POT LIFE
Not applicable

SUITABLE SUBSTRATES

MIXING RATIO V/V
Single pack

THINNER
Water

PRIMERS
Not applicable

PRODUCT CODE
075-28171 White

TOPCOATS
Not applicable

075-82590 Yellow

APPLICATION METHODS
Brush, roller conventional and airless spray

075-82589 Black

ACIDS
Not recommended where splash or spillage may occur

DRYING CHARACTERISTICS AT 28 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; 15 Minutes</td>
<td>7 Days</td>
<td>2 Hours</td>
<td>Extended</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.

SPREADING RATE

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.

PC 690
April 2018
Page 1 of 2
**AEROMASTER®**

### 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</td>
<td>Exterior/Interior</td>
<td>Remove curing agents and other surface contaminants. Ensure surface is clean and dry.</td>
<td>1st Coat</td>
<td>Aeromaster®</td>
</tr>
<tr>
<td>ASPHALT</td>
<td>Exterior</td>
<td>Ensure surface is fully cured, clean and dry.</td>
<td>1st Coat</td>
<td>Aeromaster®</td>
</tr>
</tbody>
</table>

#### SURFACE PREPARATION

**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.

**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

**BRUSH/ROLLER**

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

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.

**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 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.

### COMPANY INFORMATION

<table>
<thead>
<tr>
<th>Dulux Protective Coatings a division of DuluxGroup (Australia) Pty Ltd</th>
<th>Dulux Group (New Zealand) Pty Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>1956 Dandenong Road, Clayton 3168</td>
<td>150 Hutt Park Road, Lower Hutt, NZ</td>
</tr>
<tr>
<td>A.B.N. 67 000 049 427</td>
<td>A.B.N. 55 133 404 118</td>
</tr>
</tbody>
</table>

Dulux and Aeromaster are registered trade marks of DuluxGroup (Australia) Pty Ltd.

---

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.