LUXAFLOOR® WB SEALER

Water Based Acrylic Concrete Sealer

PC 230

FEATURES
- LOW ODOUR – WATERBASED & LOW VOC
- CLEAR COATING FOR INTERIOR & EXTERIOR APPLICATION - UV RESISTANT
- SEAL LINE MARKING – COMPATIBLE WITH DULUX ROADMASTER A1 & ROADMASTER WB2
- ACHIEVE THREE COATS IN ONE DAY – ONE HOUR RECOAT TIME

USES
LUXAFLOOR® WB SEALER is a one pack water based acrylic sealer, ideal for sealing dust & dirt and sealing lines on concrete where low odour is required. This product is compatible with Dulux® line marking products Roadmaster® A1 and Roadmaster® WB2.

LUXAFLOOR® WB SEALER is suitable for car parks, warehouses, garages, workshops, concrete driveways etc.

SPECIFICATIONS

RESISTANCE GUIDE

WEATHERABILITY
Non-yellowing and resists UV on exterior exposure

SOLVENTS
Resists Petrol and has limited resistance to Diesel. Strong solvents are liable to attack the coating

HEAT RESISTANCE
Up to 65°C dry heat

WATER
Excellent resistance to rain and condensation. Do not expose to permanently damp conditions or immersion

SALTS
Good resistance to neutral and alkali salts

ALKALIS
Good resistance to splash and spillage of most common alkalis

ACIDS
Good resistance to splash and spillage of mild acids

ABRASION
Good

TYPICAL PROPERTIES AND APPLICATION DATA

CLASSIFICATION
One pack acrylic sealer

APPLICATION CONDITIONS
FINISH
Gloss (Dependant on number of coats)

COLOUR
Clear Colourless

Min
Max

Air Temp. 10°C 35°C
Substrate Temp. 10°C 35°C
Relative Humidity 85%
Concrete Moisture <6%

COMPONENTS
One

VOLUME SOLIDS
16%

VOC LEVEL
<34g/L

FLASH POINT
Not applicable

Pot Life
Not applicable

MIXING RATIO V/V
Not applicable

THINNER
Do not thin

PRODUCT CODE
599-H0251 LUXAFLOOR®WB SEALER

COATING THICKNESS (MICRONS)

Min
Max
Recommended

Wet film per coat (μm) 65 130 95
Dry film per coat (μm) 10 20 15

SUITABLE SUBSTRATES
Clean concrete and other cementitious substrates.

PRIMERS
Suitable for application over Dulux Roadmaster A1 and Roadmaster WB2.

APPLICATION METHODS
LUXAFLOOR® WB SEALER

Brush, roller, conventional, airless spray or air assisted spray

DRYING CHARACTERISTICS AT 15 μm DRY FILM THICKNESS*

Temperature Humidity Light traffic Full Cure OVERCOAT

10° C 50% 4 Hours Full Cure 4 Hours1 Extended2
15° C 50% 2 Hours Full Cure 2 Hours1 Extended2
25° C 50% 1 Hour Full Cure 1 Hour1 Extended2

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

1 Luxafloor® Sealer will be suitable for over coating once it is dry and changes from cloudy to clear. Good ventilation will significantly assist in drying. The coating will take longest to dry where it pools inside cracks in the concrete. As a rule, the first coat will dry faster than the subsequent coats.

2 Extended max overcoat – This product is readily recoatable with itself as long as the surface to be coated is clean, dry and free from contaminants. Limitations to recoating will be affected by weathering and contamination and will depend on the service environment.

SPREADING RATE
10.6 square metres per litre equals 15 μm dry film thickness

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

**TYPICAL SYSTEMS**

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<th>ENVIRONMENT</th>
<th>PREPARATION GUIDE</th>
<th>APPLICATION</th>
<th>PACKAGING, TRANSPORT AND STORAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNCOATED CONCRETE</td>
<td>Exterior/Interior</td>
<td>Remove release agents and other surface contaminants</td>
<td>1st Coat Luxafloor® WB Sealer</td>
<td>Available in 15 litre packs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2nd Coat Luxafloor® WB Sealer</td>
<td>TRANSPORTATION WEIGHT 1.08kg/L</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3rd Coat Luxafloor® WB Sealer</td>
<td>DANGEROUS GOODS Non-dangerous goods</td>
</tr>
<tr>
<td>ROADMASTER A1</td>
<td>Exterior/Interior</td>
<td>Allow Roadmaster A1 to cure for 3 hours before sealing. Otherwise the coating may fry.</td>
<td>1st Coat Luxafloor® WB Sealer</td>
<td></td>
</tr>
<tr>
<td>ROADMASTER WB2</td>
<td>Exterior/Interior</td>
<td>Allow Roadmaster WB2 to cure for 3 hours before sealing. Otherwise the coating may fry.</td>
<td>1st Coat Luxafloor® WB Sealer</td>
<td></td>
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</tbody>
</table>

*Multiple coats may be required to achieve a gloss finish over road marking.
*Additional coats may be required to seal especially porous concrete.

**SURFACE PREPARATION**

Luxafloor® WB SEALER will not properly adhere to surfaces that have been treated with curing compounds or bond breakers; these treatments must be completely removed before application. Concrete must be at least 28 days old before coating. Remove curing compounds, oil, grease and other oily contaminants. The prepared surface should readily absorb water and show no signs of any water beading. Diamond grind, track or light shot-blast concrete floors to remove laitance and to provide a suitable profile. High pressure washing may be suitable. Remove all dust by vacuum cleaning. Check moisture content of the floor prior to painting.

**APPLICATION**

**BRUSH/ROLLER** Suitable for brush and roller application. Use a 10mm or 12mm synthetic woven nap sleeve. Do not use medium or long nap roller sleeves. Roller marks or “tracks” may appear whilst the coating is being applied, but these will dry out. When brushing and rolling, additional coats may be required to attain the specified thickness.

**AIRLESS SPRAY**

Tip Orifice: 0.010” – 0.015” (254 - 381 microns), Atomising Pressure: 1,100 – 1,500 psi (75.84 – 103.42 bar), Material Hose ID: 1/4” or 3/8” (6 or 10 mm), Pump Manifold Filter: 100 mesh (149 microns).

**PRECAUTIONS**

This is an industrial product designed for use by experienced Protective Coating applicators. Ensure that you read and understand the safety precautions on the relevant Safety Data Sheets before using. The surface to be coated must be totally free of contaminants. Do not apply at relative humidity above 85% or when the surface is less than 3°C above the dewpoint. The rate of cure is dependent upon temperature. Where application conditions are outside the parameters stated in this Product Data Sheet, or where any variation to the recommendations are sought, contact your Dulux® technical representative for written specifications prior to application.

**CLEAN UP**

Clean all equipment with potable water immediately after use.

**OVERCOATING**

Degrease with Gamlen CA 1 according to the manufacturer’s written instructions and all safety warnings. As a general rule, do not overcoat this material with a two-pack coating. When overcoating, test the adhesion of the existing coating by standard cross hatch adhesion test. If the coating fails, remove it. If coating inside, fill any cracks or defects in the concrete with an appropriate filler and spot prime bare areas with the specified floor coating. Mechanically grind the existing coating to remove any gloss and create a good key for the new coating. Vacuum clean to remove all dust.

**SAFETY PRECAUTIONS**

Read Technical 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, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10 of the Safety data sheet. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

**HANDLING**

Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.

**USING**

Use with good ventilation and avoid inhalation of spray mists and fumes. Users must comply with the provisions of the respective Local Spray Painting Regulations at all times.

**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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# LUXAFLOOR® WB SEALER

## CHEMICAL RESISTANCE GUIDE

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Splash &amp; spill (24hr removal)</th>
<th>Chemical</th>
<th>Splash &amp; spill (24hr removal)</th>
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</thead>
<tbody>
<tr>
<td>Alkali</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10% Sodium Hydroxide</td>
<td>Excellent</td>
<td>Engine Oil 5W40</td>
<td>Excellent</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engine Oil 20W50</td>
<td>Excellent</td>
</tr>
<tr>
<td>Acid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10% Sulphuric acid</td>
<td>Excellent</td>
<td>Petrol</td>
<td>Excellent</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Diesel</td>
<td>Good (S)</td>
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<tr>
<td></td>
<td></td>
<td>Brake Fluid DOT3</td>
<td>Good (S)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brake Fluid DOT4</td>
<td>Good (S)</td>
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<tr>
<td></td>
<td></td>
<td>Skydrol</td>
<td>Not recommended</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Xylene</td>
<td>Not recommended</td>
</tr>
</tbody>
</table>

*S = Concrete staining observed

The above chart relates to a coating system of three coats of Luxafloor® Sealer allowed to cure for 7 days.