

**Dulux Precision Advanced Stain and Odour Blocker**

**NZ\_DD02498**

<b>Part A</b>	50SX391A
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**Description**

Dulux PRECISION Advanced Stain and Odour Blocker is developed with innovative water based technology that offers the superior stain blocking performance of an Oil and Shellac based undercoat with the convenience of low odour, fast drying & water wash up. It delivers advanced stain blocking for a wide range of water & oil based stains and locks in the stain ensuring it does not migrate through subsequent coats of paint. With excellent adhesion properties, it is suitable in most situations as a primer, sealer and undercoat. Suitable for use in interior & exterior applications. Provides excellent tannin blocking on timber surfaces treated with highly alkaline lead paint removal products.

- Features**
- Water Based
  - Stops stains migrating, thereby preventing discolouration of topcoats
  - Less Odour than solvent based stain blockers
  - Primes interior & exterior surfaces






- Benefits**
- Easy application, quick drying, water wash up
  - Seals stains from dark colours, grease, rust, crayon, lipstick, graffiti, markers, knots, saps streaks, tannin bleed
  - Blocks odours
  - Multi surface preparation. Suitable for a wide range of surfaces
  - One coat effectively blocks most stains so they will not migrate into the topcoat

**Uses**

New & previously painted surfaces  
 Plasterboard  
 Hard set plaster  
 MDF  
 Timber  
 Metal  
 Mild Steel  
 Galvanised Metal  
 Aluminium  
 uPVC  
 Aged Enamel  
 Masonry  
 Timber treated with alkaline lead paint removal products

**Performance Guide**

<b>Weather</b>	Excellent when used as part of an approved system	<b>Salt</b>	Primer only - Must be top coated
<b>Heat Resistance</b>	Up to 100C	<b>Water</b>	Excellent resistance to condensation and water splash as part of a system
<b>Solvent</b>	Resistant to alcohols and aliphatic hydrocarbons. Film is susceptible to attack from strong aromatic and ketone/acetate solvents	<b>Abrasion</b>	Good when top coated
<b>Acid</b>	Primer only - Must be top coated Can be applied on acidic surfaces at pH> 5	<b>Alkali</b>	Primer only - Must be top coated Can be applied on Alkaline surfaces at pH< 9

Typical Properties																											
Gloss Level	Flat	Thinner	Water																								
Colour	White, Tinters are not compatible with this primer	Components	1																								
Number Of Coats	1 for any surface but at the appropriate thickness (Note that 2 coats may be required on timbers treated with alkaline paint removers or over very aggressive stains)	Toxicity	Lead Free, Dry Film is non toxic																								
V.O.C. Level	105 g/L	Shelf Life	2 years																								
Meets GBCA VOC Requirement?	No	Sanding Properties	Sandable when dry - 2 hours																								
Touch Dry	30 minutes																										
Clean Up	 <b>Other:</b> Use Xylene to remove dried paint from equipment Water																										
Clean Up Description	Clean all equipment with water while primer is still wet. Clean overspray or spillage with water while wet. Dry film as overspray or equipment contaminant must be cleaned with Xylene																										
Application Method	    Air Spray      Airless Spray      Brush      Roller																										
Application Conditions	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><b>Solids By Volume</b></td> <td style="text-align: center;">34</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Min</b></td> <td style="text-align: center;"><b>Max</b></td> <td style="text-align: center;"><b>Recommended</b></td> </tr> <tr> <td><b>Wet Film Per Coat (microns)</b></td> <td style="text-align: center;">100</td> <td style="text-align: center;">125</td> <td style="text-align: center;">100</td> </tr> <tr> <td><b>Dry Film Per Coat (microns)</b></td> <td style="text-align: center;">34</td> <td style="text-align: center;">54</td> <td style="text-align: center;">34</td> </tr> <tr> <td><b>Recoat Time (min)</b></td> <td style="text-align: center;">1 hour</td> <td style="text-align: center;">Indefinite</td> <td style="text-align: center;">1 hour</td> </tr> <tr> <td><b>Theoretical Spread Rate (m<sup>2</sup>/L)</b></td> <td style="text-align: center;">10</td> <td style="text-align: center;">6</td> <td style="text-align: center;">10</td> </tr> </table>			<b>Solids By Volume</b>	34				<b>Min</b>	<b>Max</b>	<b>Recommended</b>	<b>Wet Film Per Coat (microns)</b>	100	125	100	<b>Dry Film Per Coat (microns)</b>	34	54	34	<b>Recoat Time (min)</b>	1 hour	Indefinite	1 hour	<b>Theoretical Spread Rate (m<sup>2</sup>/L)</b>	10	6	10
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Application Guide	
Surface Preparation	<ul style="list-style-type: none"> <li>All surfaces should be thoroughly dry, clean and free from loose dirt, surface chalk, grease, mould, mildew, wax and loose or flaking paint.</li> <li>Sand smooth and dust down, fill and prime in accordance with the requirements of the chosen system.</li> <li>Do not apply paint if the temperature is below 10°C or likely to fall below 10°C during the drying period</li> </ul>
Application Procedure And Equipment	<ul style="list-style-type: none"> <li>Brush Roller, conventional spray or airless spray application.</li> <li>Stir thoroughly before and during use.</li> <li>For Stain blocking applications do not thin.</li> <li>This product is not suitable to tint.</li> <li>Tinting will result in coagulation of the primer.</li> <li>Apply one even coat of PRECISION Advanced Stain and Odour Blocker. For heavily stained surfaces or timbers treated with alkaline paint removers or for paper-faced plasterboard where there is a different texture between the paper and jointing compound or where extra filling and smoothness is required, apply a second coat of PRECISION Advanced Stain and Odour Blocker.</li> <li>For optimal coverage and smoothness, apply with:                             <ul style="list-style-type: none"> <li>Brush: High quality synthetic filament brush (Nylon or Polyester) Apply in full even coating direct from the container.</li> <li>Roller: Medium nap synthetic roller (9-12mm) on smooth surfaces, or 13 -18mm on semi-rough or porous surfaces.</li> </ul> </li> <li>Apply in full even coating direct from the container.</li> <li>Spray: Do not thin for stain blocking applications. Suitable for application by all standard spray equipment.</li> <li>Clean Brushes and Rollers with water prior to and after use.</li> </ul>

Health And Safety	
MSDS Number	DLXNZLEN001274
Using Safety Precautions	Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

<b>MSDS Link</b>	<a href="https://go.lupinsys.com/duluxgroup/harms/public/materials/8a6760f6287660badc4e8e96443ade9c-published/individual">https://go.lupinsys.com/duluxgroup/harms/public/materials/8a6760f6287660badc4e8e96443ade9c-published/individual</a>		
<b>Health Effects</b>	No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are: Inhalation: Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea. Skin contact: Contact with skin may result in irritation. Ingestion: No adverse effects expected however large amounts may cause nausea and vomiting. Eye contact: May be an eye irritant	<b>Flammability</b>	Non Flammable - Water Based
<b>Personal</b>	If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766). Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist. Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice. Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.	<b>Fire Suppression</b>	Hazchem Code: Not applicable. Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder). Specific hazards: Non-combustible material. Fire fighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
<b>Protective Equipment</b>	B: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES. Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.	<b>Welding</b>	Do Not Weld through coating
<b>Storage</b>	Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.	<b>Disposal</b>	If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international regulations. Unused paint: Do not pour leftover paint down the drain. Unwanted paint should be brushed out on newspaper and allowed to dry, and then disposed of via domestic waste collections. Empty paint containers: Should be left open in a well-ventilated area to dry out. When dry, recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first. DO NOT REUSE CONTAINER
<b>Handling</b>	Avoid skin and eye contact and inhalation of vapour, mist or aerosols.		
<b>In the case of emergency, please call 0800 734 607</b>			

**Precautions And Limitations**

NB: DULUX PRECISION ADVANCED STAIN AND ODOUR BLOCKER IS INCOMPATIBLE WITH MOST OTHER PRIMER AND TOP COATS WHEN WET. CROSS CONTAMINATION MAY RESULT IN IRREVERSIBLE COAGULATION OF MIXED PRODUCTS. MAKE SURE THAT NEW ROLLER SLEEVES AND BRUSHES ARE USED WHEN APPLYING DULUX PRECISION STAIN AND ODOUR BLOCKER. IF WANTING TO USE THE SAME BRUSHES WITH ANY OTHER WATER BASED PRIMER OR TOPCOAT WASH THEM THOROUGHLY IN WATER TO REMOVE ALL TRACES OF THE PREVIOUS PAINT. WHEN SPRAYING ENSURE THAT ALL EQUIPMENT IS THOROUGHLY CLEANED AND GIVEN A FINAL CLEAN WATER FLUSH BEFORE AND AFTER USING DULUX PRECISION STAIN AND ODOUR BLOCKER.

All preparation and painting must conform to AS/NZS 2311:2009 Guide to the painting of buildings.

NB: This Standard provides a guide to products and procedures for the painting of buildings for general domestic, commercial and industrial use. The Standard does not include a specific recommendation for the long-term protection of iron or steel exposed directly to the atmosphere or to internal climates likely to have aggressive environments which are dealt with in AS/NZS 2312.

Do not apply if the surface temperature is below 10C or conditions indicate it will fall below 10C during the drying period.

This product is NOT SUITABLE to tint. Tinters are incompatible and will result in coagulation of the primer.

For stainblocking applications do not thin. For aggressive stains from Tannin or activated lignin resulting from alkaline paint removal processes 2 coats may be necessary to stop the stains.

**Transport And Storage**

<b>Pack A</b>	1	<b>Shipment Name</b>	PAINT
<b>Size</b> 1L, 4L, 10L	<b>Weight</b> 1.5 kg, 5.8 kg, 14.2 kg		
<b>Flash Point</b>	Not Applicable - Water Based	<b>UN Number</b>	Not Applicable
<b>Dangerous Goods Class</b>	Not Classified as Dangerous Goods	<b>Package Group</b>	Not classified as Dangerous Goods

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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118