

Intergrain Dimension 4 UltraPrimer

AU_DW01960

Part A	552 94805
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Description

Intergrain Dimension 4 UltraPrimer is a timber stabilising pre-treatment which aids application to prolong the life of Intergrain DWD™ and other compatible finishes. It helps protect timber from staining, sun, water, and most fungal and mould damage during the construction period and prior to coating. Dimension 4 UltraPrimer stabilises timber by reducing water absorption, cupping, splitting, checking, fading and staining. **IMPORTANT:** In order to provide a foundation for long term timber protection Dimension 4 UltraPrimer must be overcoated with either DWD or other compatible finishes within three months of application.

^ENHANCED DWD TRISHIELD APPLICATION SYSTEM:

Intergrain Reviva® Timber Cleaner (STAGE 1), then Intergrain Dimension 4 UltraPrimer (STAGE 2), then Intergrain DWD (STAGE 3). ALWAYS apply DWD in accordance with this process to ensure maximum lifespan from the coating.

#ENVIRONMENTALLY RESPONSIBLE:

Being water based, Dimension 4 UltraPrimer emits significantly less VOC's (volatile organic compounds) into the atmosphere than traditional oil based pre-treatments and primers. This makes Dimension 4 UltraPrimer safer to use, and much gentler on the environment.

Features

Stabilising timber pre-treatment.

Benefits

- Prolongs the life of Intergrain DWD™ and other compatible finishes.
- Protects timber from staining, sun, water, and most fungal and mould damage during the construction period and prior to coating.
- Reduces water absorption, cupping, splitting, checking, fading and staining.

Uses







On all exterior timber including bare, clean, new or old, sawn or dressed timber cladding, weatherboards, window frames, joists, bearers, decking, pergolas, log homes and structural timbers. Also suitable for priming the back of timber weatherboards and for interior for lining wet areas.

Precautions And Limitations

Dimension 4 UltraPrimer must be overcoated with either DWD or other compatible finishes within three months of application. Do not apply to hot surfaces or those in direct sunlight, as doing so will result in difficult application, poor penetration and performance. Do not apply in temperatures above 35°C or below 10°C or if rain or dew is expected within four hours of application.

Performance Guide

Weather	Up to a maximum of 3 months without top-coating.	Salt	Good.
Heat Resistance	Up to 70 degrees Celsius. Higher temperatures will cause film to soften.	Water	Not suitable where water "ponds".
Solvent	Fair.	Abrasion	Fair.
Acid	Fair.	Alkali	Fair.

Typical Properties																											
Colour	Subtle transparent brown tint.	Number Of Coats	1-2																								
Toxicity	Lead-free	V.O.C. Level	< 15g/L																								
Meets GBCA VOC Requirement?	Yes. Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.	Touch Dry	1 hour																								
Clean Up	 Water																										
Application Method	     Air Spray Airless Spray Brush Roller Pad Other: Dip.																										
Application Conditions	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Solids By Volume</td> <td style="text-align: center;">19.3</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Min</td> <td style="text-align: center;">Max</td> <td style="text-align: center;">Recommended</td> </tr> <tr> <td style="text-align: right;">Wet Film Per Coat (microns)</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Dry Film Per Coat (microns)</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Recoat Time (min)</td> <td style="text-align: center;">4 hours</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Theoretical Spread Rate (m²/L)</td> <td style="text-align: center;">2</td> <td style="text-align: center;">10</td> <td></td> </tr> </table>			Solids By Volume	19.3				Min	Max	Recommended	Wet Film Per Coat (microns)				Dry Film Per Coat (microns)				Recoat Time (min)	4 hours			Theoretical Spread Rate (m²/L)	2	10	
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Typical Properties Notes	<p>COVERAGE+ Rough Sawn Timber: Approximately 2-5 square metres per litre. Sawn Timber: Approximately 5-7 square metres per litre. Dressed Timber: Approximately 7-10 square metres per litre. +Coverage rates are subject to variation between different timber species and timber porosity. Refer to the Dimension 4 UltraPrimer Data Sheet for further information regarding minimum application rates - www.intergrain.com.au, www.intergrain.co.nz.</p> <p>DRYING TIME All drying times are at 25°C and 50% humidity. Touch Dry: 1 hour Overcoating: Allow minimum 4 hours drying before coating with either DWD or other compatible finishes. DRYING TIMES WILL BE LONGER IN CONDITIONS COOLER THAN 25°C OR MORE HUMID THAN 50% HUMIDITY.</p>																										

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> ▪ NEW BARE TIMBER DOORS, WINDOWS, EAVES. Sand timber to a uniform, smooth surface. Ensure the timber is dry and free from all dirt, dust, wax and oils. Clean oily timbers, such as Brushbox, Spotted Gum, Cypress or Tallowwood with methylated spirits and allow to dry. Note: Do not use steel wool on timber to be coated with Dimension 4 UltraPrimer as severe staining will occur. Then proceed to Step 4 ALL OTHER NEW BARE EXTERIOR TIMBER. Allow timber to weather for approximately four to six weeks until leaching of the tannins and oils has ceased OR to coat new bare timber immediately, treat timber with Intergrain PowerPrep™* closely following label instructions. PowerPrep will draw out tannins and oils quickly and remove them from the timber surface. Then proceed to Step 2. IMPORTANT: You must always use Intergrain Reviva after PowerPrep. PREVIOUSLY PAINTED OR VARNISHED TIMBER. All paints and coatings that seal the surface must be thoroughly removed back to bare timber. To remove coating in good condition, a combination of Intergrain Liquid 8™ Timber Stripper* and power washing, or sanding is recommended. To remove coatings in poor condition, a combination of Intergrain PowerPrep and power washing is recommended. Then proceed to Step 2. STAINED OR OILED TIMBER. Coatings that do not seal the surface commence at Step 2. WEATHERED, GREY OR MOULDY TIMBER. Proceed to Step 2 OR for best results and for severely weathered or mouldy timber, sand timber back to a fresh surface, remove sanding dust, then proceed to Step 2. ALL COMPOSITES & BAMBOO SUBSTRATES. Follow Step 2 and Step 3 as below. Check for adhesion by applying Dimension 4 UltraPrimer to a test area, approximately 250mm x 250mm. Allow to dry for twelve hours then firmly press a strip of sticky tape over the coated section and rip off quickly. If the coating is removed do not proceed as the surface is not suitable. If coating is intact proceed to Step 4. 2. Clean all timber with Intergrain Reviva Timber Cleaner closely following label instructions. Remove excess pooled water and ensure surface is clean. Allow to dry thoroughly. 3. Test if the surface is ready for coating by sprinkling water on the timber. If the water beads or sits on the surface repeat the application of Reviva. If the water is absorbed into the timber it is ready for coating. 4. In humid, tropical or mould susceptible areas timber should be coated with a mould preventative treatment such as Intergrain TSS™ Mould Preventer*. TSS Mould Preventer should be left for a minimum of four hours before applying Dimension 4 UltraPrimer. 5. Nail holes and surface defects should be filled with Intergrain Woodblend™ Wood Filler after applying Dimension 4 UltraPrimer.
Application Procedure And Equipment	<ul style="list-style-type: none"> ▪ Stir thoroughly before and during use with a flat blade stirrer. Do not thin. Apply either one saturating or two wet on wet flood coats by brush, applicator, spray (air assisted airless or airless), roller or ten minute dip. If applying by roller or spray, back brush the product into the timber. Several applications may be necessary to ensure full saturation on absorbent end grains or joinery. Where timber such as CCA Treated Pine is to be left unstained, apply two wet on wet flood coats initially, with one full maintenance coat at three monthly intervals or as necessary.

Health And Safety			
MSDS Number	141826	Using Safety Precautions	Keep out of reach of children. Slippery when spilt; clean up immediately. Avoid contact with skin and eyes or breathing vapour and spray mist (dust). Wear waterproof gloves and safety glasses. Use only in well ventilated areas. Wash hands after use.
Health Effects	FIRST AID: If poisoning occurs, contact a Doctor or Poisons Information Centre (AUST: 131 126; NZ 0800 764 766). SWALLOWED: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. EYE: If in eyes, hold eyes open, flush with running water for at least 15 minutes. SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. INHALED: Remove from contaminated area. EMERGENCY INFORMATION (ALL HOURS): AUST – 1800 033 111; NZ – 0800 734 607. INTERGRAIN CUSTOMER SERVICE: For further product or application advice or a Safety Data Sheet contact Intergrain Customer Service: Aust – 1800 630 285, NZ – 0800 222 687. *NEW ZEALAND: Products not available in NZ.	Flammability	This product is non-flammable.
Fire Suppression	If involved in a fire use water fog, foam or dry agents. Avoid breathing products of combustion.	Protective Equipment	Wear waterproof gloves and safety glasses.
Storage	Keep out of reach of children.	Disposal	Refer to Local Authority for disposal advice. Do not empty into drains and waterways. Do not reuse container.
In the case of emergency, please call 1800 033 111			

Transport And Storage	
Pack A	552 94805
Size	Weight
1L 4L 10L	1.1Kg 4.5Kg 11.3Kg

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