

## NZMA00032 Maxiproof Maxiproof Matt on New Timber trim [Exterior]

### Description

Maxiproof Matt is an aliphatic interior/exterior moisture-cured polyurethane finish coat with added UV absorbers. It is designed to produce a hardwearing, traffic tough finish that is UV, heat, scuff and scratch resistant. Maxiproof Matt is ideal for extreme, high-traffic commercial areas such as shopping malls, sports floors, boards, bars and cafes. Maxiproof Matt also provides a tough, clear finish for bench tops, furniture and joinery, especially if exposed to direct sunlight.

### Substrate and Substrate Preparation

#### Substrate Notes

New dressed timber should be delivered in a clean dry condition, just prior to installation. The timber should be inspected for physical defects, such as splinters, cracks, woolly grain, machine marks and knot holes as well as sap and tannin stains, resin exudation from knots, wax or preservatives. Moisture content should be close to equilibrium, usually 10-17% for satisfactory staining or coating. Timber should be stored out of the weather in clean, dry conditions before painting. Timber left exposed to the weather for as little as 7 days for some species prior to painting will suffer from degradation and reduced paint adhesion and durability.

Aged timber should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, dirt and other surface contamination. These defects should be rectified prior to painting. Degraded timber should be sanded back to as-new condition before painting.

Some timbers such as meranti, merbau, kwila, western red cedar and tallowwood contain high levels of tannin which may bleed through water-based coatings and require an effective tannin-blocking primer to seal the tannins in the wood.

#### Substrate Preparation Notes

**ASSESS SUITABILITY** Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-17% before staining or finishing can commence.




**REMOVE SURFACE CONTAMINANTS** Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Scrape off and remove residual contaminants by solvent cleaning. Use scraper to remove dirt and mortar splashes. Any greyed wood fibres on aged timbers need to be removed by sanding and / or suitable chemical wood cleaner. **CLEAN** Clean to remove all dirt, dust and all other surface contaminants by using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.

**REPAIR SURFACE IMPERFECTIONS** Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.

**SANDING** Sand dressed timber with fine sandpaper in direction of the grain and along the full length of the board. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage.




### Coating System Summary

- 1st Coat            Intergrain UltraPrep Timber Cleaner
- 2nd Coat            Maxiproof Maxiproof Gloss
- 3rd Coat            Maxiproof Maxiproof Gloss
- 4th Coat            Maxiproof Maxiproof Matt

Coating System		
1st Coat — Intergrain UltraPrep Timber Cleaner		
Coat Type 1st Coat	Datasheet NZIN00041 Intergrain UltraPrep Timber Cleaner	
Read the full Datasheet details at <a href="#">Intergrain UltraPrep Timber Cleaner</a>		
Application Methods Stiff bristle brush		
V.O.C. Level <10g/L	Meets ECNZ V.O.C. Requirements? 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.	
<p>Coating Application Details</p> <p>Shake Intergrain UltraPrep Timber Cleaner thoroughly.</p> <p>Mix one part Intergrain UltraPrep Timber Cleaner to four parts water in a plastic container. For severely stained surfaces a stronger solution or repeat applications may be necessary. Tannin rich timbers may also require repeat applications; wash until the water used to rinse off is clear.</p> <p>Wet the timber surfaces to be cleaned with water.</p> <p>Apply Intergrain UltraPrep Timber Cleaner mixture generously to the timber with a stiff bristle brush. Scrub the timber vigorously. Spot cleaning should be avoided to prevent patchy results.</p> <p>Leave mixture on the timber for 10-15 minutes. If necessary, apply more mixture to keep timber damp throughout this period, do not allow mixture to dry.</p> <p>Rinse off surface thoroughly using maximum pressure from a garden hose or using a high pressure water cleaner (recommended for large areas or badly discoloured timber). Failure to thoroughly rinse off the mixture may result in timber discolouration under clear finishes.</p> <p><b>Note:</b> After cleaning, some timber species will appear lighter due to loss of water soluble extractives. Richer colour is generally restored on application of the finish.</p> <p><b>Help &amp; advice</b></p> <p>Australia – 1800 630 285 www.intergrain.com.au</p> <p>NZ – 0800 222 687 www.intergrain.co.nz</p> <p>For detailed project specifications or a Safety Data Sheet, contact Intergrain Help &amp; Advice or visit our website.</p>		
SDS Number DLXGHSEN003477	SDS Link <a href="#">View SDS Link</a>	
2nd Coat — Maxiproof Maxiproof Gloss		
Coat Type 2nd Coat	Datasheet NZMA00007 Maxiproof Maxiproof Gloss	
Read the full Datasheet details at <a href="#">Maxiproof Maxiproof Gloss</a>		
Application Methods		
<div><div> Brush</div><div> Roller</div><div> Pad</div></div>		
<div><div>Min</div><div>Max</div><div>Recommended</div></div>		

Theoretical Spread Rate (m²/L)	12.1	8	8
Wet Film Per Coat (microns)	83	125	125
Dry Film Per Coat (microns)	32	48	48
Recoat Time **	8 Hours	Indefinite	
V.O.C. Level 562 g/L	Meets ECNZ V.O.C. Requirements? Not Applicable		
<div>Coating Application Details</div> <div>Applicator pad, brush or short-nap mohair roller.</div> <div>Product may be applied by applicator pad, brush or short-nap mohair roller, however ensure care is taken to minimise air bubbles. Always lay off along the grain. Always work out of direct sunlight. Timber being coated should be dry and cool to the touch. Follow all other good coating practices.</div> <div>IMPORTANT Minimise the exposure of Maxiproof Gloss to moisture in the air by ensuring that the container is sealed immediately after decanting a sufficient amount for immediate use. DO NOT return unused product to the original container.</div> <div>For new builds, exposed timber should be coated on all faces, edges, and ends before being attached to the building framework. For timber end grain it is recommended to seal following the full product specification - 3 coats.</div> <div>Stir thoroughly before and during use with a broad, flat stirrer to maintain a uniform solution.</div> <div>Allow approximately 8 hours for 1st coat to dry. Lightly sand 1st coat. Apply 2nd and 3rd coats unthinned. Lightly sand between coats.</div> <div>Maxiproof Gloss can be sprayed but application must be in accordance with spray-painting regulations. Forced air respirators are compulsory.</div>			
SDS Number 22836	SDS Link <a href="#">View SDS Link</a>		

### 3rd Coat — Maxiproof Maxiproof Gloss

Coat Type 3rd Coat		Datasheet NZMA00007 Maxiproof Maxiproof Gloss	
Read the full Datasheet details at <a href="#">Maxiproof Maxiproof Gloss</a>			
Application Methods			
<div><div> Brush</div><div> Roller</div><div> Pad</div></div>			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	12.1	8	8
Wet Film Per Coat (microns)	83	125	125
Dry Film Per Coat (microns)	32	48	48
Recoat Time **	8 Hours	Indefinite	
V.O.C. Level 562 g/L		Meets ECNZ V.O.C. Requirements? Not Applicable	
Coating Application Details			
<p>Applicator pad, brush or short-nap mohair roller.</p> <p>Product may be applied by applicator pad, brush or short-nap mohair roller, however ensure care is taken to minimise air bubbles. Always lay off along the grain. Always work out of direct sunlight. Timber being coated should be dry and cool to the touch. Follow all other good coating practices.</p> <p>IMPORTANT Minimise the exposure of Maxiproof Gloss to moisture in the air by ensuring that the container is sealed immediately after decanting a sufficient amount for immediate use. DO NOT return unused product to the original container.</p> <p>For new builds, exposed timber should be coated on all faces, edges, and ends before being attached to the building framework. For timber end grain it is recommended to seal following the full product specification - 3 coats.</p> <p>Stir thoroughly before and during use with a broad, flat stirrer to maintain a uniform solution.</p> <p>Allow approximately 8 hours for 1st coat to dry. Lightly sand 1st coat. Apply 2nd and 3rd coats unthinned. Lightly sand between coats.</p> <p>Maxiproof Gloss can be sprayed but application must be in accordance with spray-painting regulations. Forced air respirators are compulsory.</p>			

SDS Number <b>22836</b>	SDS Link <a href="#">View SDS Link</a>
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#### 4th Coat — Maxiproof Maxiproof Matt

Coat Type <b>4th Coat</b>	Datasheet <b>NZMA00006 Maxiproof Maxiproof Matt</b>
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Read the full Datasheet details at [Maxiproof Maxiproof Matt](#)

#### Application Methods



	Min	Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /L)	<input type="text"/>	<input type="text"/>	<b>8</b>
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<b>125</b>
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<b>41</b>
Recoat Time **	<b>8 Hours</b>	<b>Indefinite</b>	<input type="text"/>

V.O.C. Level <b>708 g/L</b>	Meets ECNZ V.O.C. Requirements? <b>Not Applicable</b>
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#### Coating Application Details

Applicator pad, brush or short-nap mohair roller.

**IMPORTANT** Minimise the exposure of Maxiproof Matt to moisture in the air by ensuring that the container is sealed immediately after decanting a sufficient amount for immediate use. DO NOT return unused product to the original container.

Machine shake, or shake vigorously by hand before decanting.

Maxiproof Matt is a special effect finish coating only, and must be applied onto surfaces prepared and coated with Maxiproof Gloss. Product may be applied by applicator pad, brush or short-nap mohair roller, however ensure care is taken to minimise air bubbles. Always lay off along the grain.

Allow approximately 8 hours for the previous coat of Maxiproof Gloss to dry, and lightly sand before applying Maxiproof Matt. If recoating Maxiproof Matt, a tie coat of Maxiproof Gloss must be applied to the well sanded Maxiproof Matt coating, before applying a fresh coat of Maxiproof Matt in the recommended recoat window.

Maxiproof Matt can be sprayed but application must be in accordance with spray-painting regulations. Forced air respirators are compulsory.

SDS Number <b>22837</b>	SDS Link <a href="#">View SDS Link</a>
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#### Coating System Notes

\* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. \*\* Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.

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**WHERE LEAD MAY BE PRESENT:** The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.