

NZMA00019 Maxiproof Maxiproof Matt on Previously Coated 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

This is a generic timber substrate. The following timber substrates are excluded: tannin rich timbers (such as cedar), bamboo. Other specialty timbers may also not be covered by this substrate.

AGED TIMBER

Old timber surfaces should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, dirt and any surface contamination. These defects should be rectified prior to painting.

PREVIOUSLY COATED TIMBER

If possible, both the substrate and previous coating should be identified eg alkyd, acrylic, stain or varnish or oil. If the previous coating has not weathered/worn off, the previous coating type must be able to be overcoated with the new coating, and the condition of the coating must be suitable for overcoating.

Substrate Preparation Notes

ASSESS SUITABILITY

Inspect to determine the degree of deterioration of existing coatings and presence of decayed timber. Identification of the existing coating is also very helpful in determining the repair system.

SANDING

If the coating is a stain (film forming) and has not weathered completely off, it is recommended to remove the coating by sanding off to ensure a sound substrate.

REMOVE SURFACE CONTAMINANTS

Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Clean to remove all dirt, dust, mould, greyed wood fibres and all other surface contaminants by using Intergrain Reviva or Cabot's Deck Clean and rinse off with clean water. Scrape off any sap or gum exudations and then treat these areas by solvent cleaning with either Mineral Turps or Methylated Spirits, before priming. Use scraper to remove dirt and mortar splashes.

REPAIR SURFACE IMPERFECTIONS




Fill nail holes, cracks and other defects and allow to dry thoroughly. Prepare all areas that have poor adhesion, are cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing or burning off as appropriate. Feather edges of the surrounding sound coating.

ADDITIONAL NOTES:

- For oiled or stained timber, the coating must either be removed or overcoated with the same type of product. Oil and stain coatings can be removed by weathering off over time. However, the coatings can be removed earlier using the following method. First, wash with Intergrain Reviva or Cabot's Deck Clean, so any dirt or mould is not pushed back into the surface when you sand. You may use a paint stripper like Selleys Kwik Strip and then sand or just sand. When sanding always sand in the direction of the grain and start with a medium to coarse sandpaper (eg. 50 - 80 grade) finishing with a finer sandpaper (eg. 150 grade). Then wash the timber down again with Intergrain Reviva or Cabot's Deck Clean to label instructions. Once this has been completed and the timber has dried out thoroughly, carry out a water bead test. Using a hand held plastic spray bottle, lightly spray water onto the timber surface. If the water soaks into the timber relatively quickly, the surface is ready for coating. If the water beads on the surface, the timber requires further cleaning or weathering before it can be coated.




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 Intergrain UltraPrep Timber Cleaner		
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>Note: 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>Help & advice 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 & Advice or visit our website.</p>		
SDS Number DLXGHSEN003477	SDS Link View SDS Link	
2nd Coat — Maxiproof Maxiproof Gloss		
Coat Type 2nd Coat	Datasheet NZMA00007 Maxiproof Maxiproof Gloss	
Read the full Datasheet details at Maxiproof Maxiproof Gloss		
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		
<p>Coating Application Details</p> <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 22836	SDS Link View SDS Link		

3rd Coat — Maxiproof Maxiproof Gloss

Coat Type 3rd Coat		Datasheet NZMA00007 Maxiproof Maxiproof Gloss	
Read the full Datasheet details at Maxiproof Maxiproof Gloss			
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 22836	SDS Link View SDS Link
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4th Coat — Maxiproof Maxiproof Matt

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

Application Methods



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

V.O.C. Level 708 g/L	Meets ECNZ V.O.C. Requirements? Not Applicable
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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.

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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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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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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.