

NZMA00040 Maxiproof Maxiproof Matt on New Timber trim [Interior]

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

Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants.

Clean surface

Scrape off and remove surface contaminants by paint scraper. Remove stains, dirt, wax, grease and oil with solvent. Treat mould with a suitable mould treatment.

Repair surface imperfections

Fill nail holes, cracks and other defects with a suitable water based wood filler and allow to dry thoroughly.







Sand surface

Sand the surface smooth using 180 - 240 grit sandpaper. Sand only in the direction of the grain. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage. Remove all traces of sanding dust.

Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-14% before staining or finishing can commence.




Coating System Summary

- | | |
|------------|---------------------------|
| • 1st Coat | Maxiproof Maxiproof Gloss |
| • 2nd Coat | Maxiproof Maxiproof Gloss |
| • 3rd Coat | Maxiproof Maxiproof Matt |

Coating System			
1st Coat — Maxiproof Maxiproof Gloss			
Coat Type 1st Coat	Datasheet NZMA00007 Maxiproof Maxiproof Gloss		
Read the full Datasheet details at Maxiproof Maxiproof Gloss			
Application Methods			
<div>  Brush  Roller  Pad </div>			
	Min	Max	Recommended
Theoretical Spread Rate (m ² /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 Applicator pad, brush or short-nap mohair roller. 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. 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. 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. Stir thoroughly before and during use with a broad, flat stirrer to maintain a uniform solution. Allow approximately 8 hours for 1st coat to dry. Lightly sand 1st coat. Apply 2nd and 3rd coats unthinned. Lightly sand between coats. Maxiproof Gloss can be sprayed but application must be in accordance with spray-painting regulations. Forced air respirators are compulsory.			
SDS Number 22836	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>  Brush  Roller  Pad </div>			
	Min	Max	Recommended
Theoretical Spread Rate (m ² /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. 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. 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. 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. Stir thoroughly before and during use with a broad, flat stirrer to maintain a uniform solution. Allow approximately 8 hours for 1st coat to dry. Lightly sand 1st coat. Apply 2nd and 3rd coats unthinned. Lightly sand between coats. 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 View SDS Link		

3rd Coat — Maxiproof Maxiproof Matt

Coat Type 3rd Coat		Datasheet NZMA00006 Maxiproof Maxiproof Matt	
Read the full Datasheet details at Maxiproof Maxiproof Matt			
Application Methods			
<div><div> Brush</div><div> Roller</div><div> Pad</div></div>			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	<input type="text"/>	<input type="text"/>	<input type="text" value="8"/>
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<input type="text" value="125"/>
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<input type="text" value="41"/>
Recoat Time **	<input type="text" value="8 Hours"/>	<input type="text" value="Indefinite"/>	<input type="text"/>
V.O.C. Level 708 g/L		Meets ECNZ V.O.C. Requirements? Not Applicable	
Coating Application Details			
<p>Applicator pad, brush or short-nap mohair roller.</p> <p>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.</p> <p>Machine shake, or shake vigorously by hand before decanting.</p> <p>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.</p> <p>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.</p> <p>Maxiproof Matt can be sprayed but application must be in accordance with spray-painting regulations. Forced air respirators are compulsory.</p>			
SDS Number 22837		SDS Link View SDS Link	

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.