

NZMA00037 Maxiproof Maxiproof Matt on Painted 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

Inspect to determine the degree of deterioration of existing coatings and presence of decayed timber. Check coating adhesion using the cross-hatch adhesion test; if coating fails, it must be removed.

Clean surface

Clean to remove all dirt, dust, wax and all other surface contaminants using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.

Repair surface imperfections

Remove paint that is poorly adhering, or showing signs of deterioration such as cracking, peeling or flaking by sanding, power sanding, scraping, wire brushing or a water based paint stripper strictly in accordance with the manufacturer's instructions.

Feather edges of any remaining sound paint to completely remove visual ridges and wash or dust off to remove debris. Fill nail holes, cracks and other defects with a suitable water based wood filler and allow to dry thoroughly. Any major design faults or decayed timber leading to structural weakness must be corrected prior to repainting.

Sand surface

Sand the entire cleaned surface to an even flat gloss level to provide a smooth, uniform surface and to provide a good key for the new coating system.

Prime




Spot prime bare timber with the spot primer nominated in the Coating System.




Note: If Staining: Timber must be sanded back to clean bare timber. All coatings must be removed.

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




- | | |
|---------------|---------------------------|
| • Spot Primer | Maxiproof Maxiproof Gloss |
| • 1st Coat | Maxiproof Maxiproof Gloss |
| • 2nd Coat | Maxiproof Maxiproof Matt |

Coating System			
Spot Primer — Maxiproof Maxiproof Gloss			
Coat Type Spot Primer	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)	<input type="text" value="12.1"/>	<input type="text" value="8"/>	<input type="text" value="8"/>
Wet Film Per Coat (microns)	<input type="text" value="83"/>	<input type="text" value="125"/>	<input type="text" value="125"/>
Dry Film Per Coat (microns)	<input type="text" value="32"/>	<input type="text" value="48"/>	<input type="text" value="48"/>
Recoat Time **	<input type="text" value="8 Hours"/>	<input type="text" value="Indefinite"/>	<input type="text"/>
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		

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)	<input type="text" value="12.1"/>	<input type="text" value="8"/>	<input type="text" value="8"/>
Wet Film Per Coat (microns)	<input type="text" value="83"/>	<input type="text" value="125"/>	<input type="text" value="125"/>
Dry Film Per Coat (microns)	<input type="text" value="32"/>	<input type="text" value="48"/>	<input type="text" value="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 View SDS Link		

2nd Coat — Maxiproof Maxiproof Matt

Coat Type 2nd 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.

Disclaimer

This Specification is copyright to DuluxGroup (Australia) Pty Ltd and/or DuluxGroup (New Zealand) Pty Ltd (collectively, 'Dulux'). It may not be varied or altered without the prior written consent of Dulux, and if it is, Dulux has no responsibility or liability for those variations.

Unless Dulux has provided you with a customised, project-specific specification, this Duspec+ document does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Duspec+ is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Duspec+ document, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Duspec+ document, and as recommended on the applicable Dulux Product Data Sheet and Safety Data Sheets for the relevant products (available from www.duspecplus.co.nz). Climatic conditions at application time can affect Duspec+ documentation suitability and product performance.

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.

Where any liability of Dulux in respect of this Specification cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

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.