

NZMA00007 Maxiproof Maxiproof Gloss

Introduction

Product Code
552-97143

Description and Image

Maxiproof Gloss is an aliphatic interior/ exterior moisture-cured polyurethane with added UV absorbers. It is designed to produce a hardwearing, traffic tough finish that is UV, heat, scuff and scratch resistant.

Maxiproof Gloss is ideal for extreme, high-traffic commercial areas such as shopping malls, sports floors, boards, bars and cafes. Maxiproof Gloss also provides a tough, clear finish for bench tops, furniture and joinery, especially if exposed to direct sunlight.

Features and Benefits

- Aliphatic
- Moisture-cured
- Polyurethane resin
- U.V. Absorbers
- Non-yellowing. Externally durable
- Performs over a wide temperature range
- Excellent abrasion resistance
- Minimises colour change of timber over time

Uses

Maxiproof can be used on interior and exterior concrete and timber surfaces.

Precautions and Limitations

Do not apply product if temperature is below 10°C or above 30°C or is likely to reach these temperatures during the drying period. Equally, relative humidity should not exceed 85%.

The first coat applied should be over coated as soon as practically possible, maximum within two weeks. The longer between installation and coating the greater the risk of surface contamination. Protection begins after the full coating system has been applied.

It is expected that all timber is stored flat, clear of the ground, and remain dry at all times. Excessive moisture content at the time of installation from improper storage and handling can lead to future construction and coating issues, such as warping and cupping, as well as increase the potential for mould growth. Timber should also be handled with care. Any marks or damage can easily be seen when finishing with semi-transparent woodcare coatings.

Moisture content of timber should be close to equilibrium moisture content, usually 10-15%, but not exceeding 15%, for satisfactory application. Product must be used within 4 weeks of opening container. Shelf life is 12 months in unopened container.

MAINTENANCE

Conduct a routine 12 monthly maintenance inspection. For timber, best protection and ease of maintenance is ensured if Maxiproof is recoated before deterioration of the coating and timber underneath occurs.

Performance Guide

Weather

Formulated for interior and exterior use

Heat Resistance

Up to 120°C. Yellowing and embrittlement will occur if subjected to continuous heat.

Water

Excellent resistance except to continuous immersion (ponding)

Solvent

Resists splashes of most common solvents and cleaners

Abrasion

Excellent abrasion and mar resistance

Typical Properties

Gloss Level

90-95% at 60 degrees

Thinner

Does not normally require thinning. If required, use only Maxiproof Thinner.

Colour

Clear

Components

1

Number of Coats

3

Toxicity

CONTAINS ISOCYANATES.

V.O.C. Level

562 g/L

Shelf Life

24 months in unopened containers

Touch Dry

2 Hours

Clean Up



Thinner

Clean Up Description

Clean all equipment with Maxiproof Thinner. Do not use mineral turpentine.

Application Methods



Brush



Roller



Pad

Application Conditions

Solids by Volume

38.6

Min

Max

Recommended

Wet Film Per Coat (microns)

83

125

125

Dry Film Per Coat (microns)

32

48

48

Recoat Time (min/hours)

8 Hours

Indefinite

Theoretical Spread Rate (m²/L)

12.06

8.04

8

Typical Property Notes

Theoretical Spreadrates are dependent on substrate orientation and may not be practically achieved. The WFT and DFT for each coat may be varied to suit the application process. However, the final, in-service DFT required for sufficient exterior durability must be at least 90 microns. Apply as many coats as needed to achieve these film thicknesses.

Dry Floor Slip resistance as per AS/NZS 366.1: 1993 is 1.44.

When applied to specification and maintained the full system delivers an impervious and easily cleaned surface over correctly installed tongue and groove solid timber floors or wet area designed timber overlays. 'Impervious' is defined as "That which does not allow the passage of moisture" as per E3/AS1.

Application Guide

Surface Preparation

NEW AND PREVIOUSLY COATED TIMBER

All timber surfaces should be thoroughly clean, dry and free from wax, oil, grease and other contaminants. Some waxes and greases are naturally occurring in some timbers including Tallowood and Vitex. Wash with Maxiproof Thinner if needed to remove wax and grease, and mop up with clean dry cloths. Repeat as required to ensure a receptive substrate.

Sharp edges on timber profiles should be rounded before coating. A typical radius of curvature of 3mm is recommended for best coating performance.

For dressed timber, sand using 120 grit paper to remove any mill glaze.

Thoroughly sand timber floors, fill all nail holes with Cabot's Woodtone Putty and vacuum to remove dust. If the surface has been previously coated, ensure it is thoroughly sanded to remove old coating.

CONCRETE

All concrete surfaces should be thoroughly clean, dry and free from wax, oil, grease, laitance and other contaminants. The surface should be acid etched and high-pressure waterblasted or ground to ensure a clean, sound substrate. Please note, different surface preparations will produce different looks. Remove all traces of dust from the work area.

Application Procedure and Equipment

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.

Health and Safety

SDS Number

22836

SDS Link

[View SDS Link](#)

Using Safety Precautions

For detailed information refer to product label and the current Material Safety Data Sheet available through Dulux Woodcare Customer Service Department on 0800 222 687.

Please refer to SDS Link. In case of emergency, please call 0800 220 770.

Transport and Storage	
Pack A 552-97143	
Size: 1 Litre & 4 Litre	Weight: 1.2 Kg & 4.8 Kg
Flash Point 47C	UN Number 1263
Dangerous Goods Class 3b	Package Group III

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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.