

Toby Aquamax Commercial



Roller-applied, two-component water-based polyurethane timber finish

Description

Toby Aquamax Commercial is a two-component, roller applied water-based polyurethane clear timber finish. It is an extremely durable and hard wearing finish and because it has little to no odour during application, makes it particularly well suited for commercial applications.

Special features

- Extremely hard wearing / resistant to chemicals
- Low odour
- Excellent film build
- Excellent flow and settling characteristics
- Roller applied - no foaming
- Very user friendly

Properties

Appearance:	Translucent white when mixed
Viscosity:	25 seconds (Ford #4 cup)
Density:	1.05 g/ml
Solids content:	35.0%
Flammability:	non-flammable
Packaging:	10 litre container
Shelf life:	6 months in unopened container (store between 5 - 30°C)

Directions for use or Application

Surface preparation

All surfaces must be clean, dry, free of wax, grease, dust and other contaminants. The presence of such contaminants contributes to conditions such as 'rejection' or 'delamination'. Sand the surface with coarse sandpaper initially. All nail holes and cracks should be filled with putty. Fine sand the floor finishing with 100-grit sandpaper, then, as with other water-based products, it is advisable to close the grain with a 150-mesh screenback. Vacuum thoroughly with a commercial grade cleaner. Use a filter with a minimum screening capacity for capturing dust particles of 1 micron.

Typical properties and application data

It is always prudent to measure the moisture level of a floor prior to coating to ensure the timber has stabilised.

Coating Method:

SEALER COAT: Apply a sealer coat of Toby Aquamax Roller Seal then apply two coats of Toby Aquamax Commercial.

MIXING: Toby Aquamax is a two-component mixed to the ratio of 10:1 (10 parts Pt A to 1 part Pt B). Pour part A through a stocking into the mixing bucket. Use a stirrer attached to a drill at a high speed. Add part B into part A while mixing and mix for 5 minutes. Do not mix by hand.

FINISH COATS: The application properties of Aquamax Commercial allow the product to be applied at varying thickness. Ideally it should be applied at the thicker end of the range in most commercial applications to assist with wear properties.

Application: 10 mm Rolana roller or applicator bar

Coverage: 6-9 m²/litre per coat

Drying times @ 25°C and 50% RH:

- **Tack free:** 1 - 1.5 hours

- **Overcoat time:** 3 - 5 hours (preferably leave overnight)

Note: Re-coat time will be influenced by film thickness, temperature, humidity and air movement. Only apply at temperatures between 10°C and 30°C.

Potlife: 2 hours

Clean up: Water

Storage: Protect from extremes of temperature and frost, store between 5°C and 30°C

Available in: Satin

Application technique

To avoid leaving lap marks always apply material in the direction of the timber boards, moving from wall to wall. Keep the edges moving in line with the roller being careful not to move too far ahead. Product should not be allowed to dry for more than a few minutes before coating of that area is complete.

Sand between coats with a 100 grit screen to promote adhesion.

Note: Any residual sanding dust or airborne dust particles will cause 'nibbing' in the final film. For the final coat, sealing of doors, open fireplaces and windows is recommended to avoid any foreign material settling on surfaces. It is important that the appropriate respiratory equipment be worn when ventilation is restricted.

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Recoating: As is the case for new floors, the surface must be free of wax, grease, dust and other contaminants. If in doubt check adhesion on a test patch. Wash the floor with Toby Polyclean as per instructions. Sand with a 100 grit screen. Vacuum thoroughly and tack clean with damp towels. Apply one coat of Toby Aquamax Commercial Timber Floor Finish as per above procedure.

Care and Maintenance: Although complete cure takes approximately 14 days, the coated area may be subjected to light traffic after 24 hours. Care should be taken to avoid scuffing or marking until the coating has completely cured. Sweep the floor regularly and wash periodically with Toby Polyclean.

Precautions

Health and safety

Irritating to eyes and may irritate skin. Potentially harmful if swallowed. Inhaling vapour may cause headache, dizziness and nausea. Avoid direct contact with skin.

First Aid

If poisoning occurs, contact a Poisons Information Centre – phone 13 11 26. If swallowed, DO NOT induce vomiting – give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

Material Safety Data Sheets (MSDS) are available to users on request to your local Orica Woodcare office or Toby Distributor. Read MSDS, data sheet and label carefully before first use of any product. Orica Woodcare are continually updating materials and methods, so please ensure you have the latest information.

Manufacturer's comment

This product has been designed for use only with Toby Aquamax Roller Seal. Use with any other product, or failing to follow application instructions, could result in detrimental effects on product performance, for which Orica Woodcare cannot be held responsible.

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Important note

Orica Woodcare products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst the company endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.