



DATA SHEET

Toby Unithane Gloss

PRODUCT CODE 70172100

Data Sheet No. AUDW1209

APPROVALS

Description

Toby Unithane Clear Gloss is a single component, solvent based, moisture cured clear gloss polyurethane coating, designed as a tough, durable and abrasion resistant finish for the protection and enhancement of cork, timber and parquet floors.

Features

Moisture curing polyurethane
1 pack
Roller Applied

Benefits

Extremely hard wearing scratch resistant finish
No mixing
More productive

Uses

Interior timber and cork floors

Performance Guide

| | | | |
|----------------|---------------------------|-----------------|---------------------------|
| Weather | Interior Only | Salt | Excellent |
| Heat | Up to 60 C | Water | Excellent |
| Solvent | Good for dilute solutions | Abrasion | Excellent |
| Acid | Good for dilute solutions | Alkali | Good for dilute solutions |

Typical Properties and Application Data

| | | | |
|------------------------|-----------------------------|--------------------------|--|
| Gloss Level | 85-95 at 65 Degrees | Thinner | Feast Watson Reducer Thinners |
| Gloss Level Ind | | Spread Rate | 9.0 sqm/L |
| Volume Solids | 46.0 | Components | 1 |
| Colour | Straw coloured clear liquid | Toxicity | Lead free. Dry film is non-toxic and conforms to AS 1647, Part 3 |
| Number of Coats | 2 | Shelf life | 12 months |
| V.O.C Level | < 625g/L | Mixing Ratio | NA |
| Pot Life | 2-4 hrs | Wet film per coat | Recommended 111 µm |
| Recoat | 7 hours | Dry film per coat | Recommended 51 µm |
| | | Clean Up | Feast Watson Super Solvent |



Application Method



| | | | |
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Application Guide

Surface Preparation

All surfaces must be clean, dry and 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, then fine sand the floor, finishing with 100grit sand paper, then as with other products, it is advisable to close the grain with a 150-mesh screenback. Vacuum thoroughly with a commercial grade vacuum cleaner. Use a filter with a minimum screening capacity for capturing dust particles of 1 micron.

APPLICATION

Toby Unithane Gloss should be applied in two coats uniformly over the appropriate sealer at the coverage rates recommended. Apply a uniform coat of Toby Unithane Gloss with a 6 mm mohair roller or soft bristle brush. Allow the first finish coat to dry (approximately 6-8 hours at 25 C and 50 RH).

Sand with 100 grit screenback, and vacuum thoroughly as at preparation stage.

Repeat above application procedure for the second finish coat.

After each coat, remove excess finish from application equipment and clean up with Feast Watson Super Solvent.

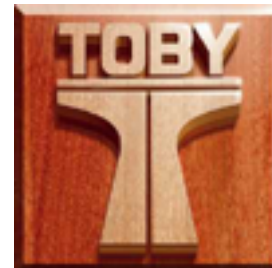
Prefinished cork tiles should be sanded with a 100 screenback before application of Toby Unithane Gloss.

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

Notes

Toby Unithane Gloss is manufactured to the correct consistency for application by mohair roller or soft bristle brush. However, if thickening has occurred due to ageing, thin with up to 10% with Feast Watson Reducer Thinners.

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Health and Safety

| | | | |
|-----------------------|---|---------------------------------|--|
| MSDS Number | 20155 | Using Safety Precautions | Use only in well ventilated areas. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Keep containers closed when not in use. |
| Health Effects | Harmful by inhalation and in contact with skin. May cause sensitisation by inhalation and skin contact. For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor. SWALLOWED: If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical assistance. EYE: Irrigate with copious quantities of water. Seek medical assistance if effects persist. SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. INHALED: Remove from contaminated area. | Flammability | Flammable |
| Personal | Avoid skin and eye contact and breathing of vapour/spray mist. | Protective Equipment | Wear overalls, impervious gloves and safety glasses. If inhalation risk exists wear organic vapour/particulate respirator. |
| Storage | Keep out of reach of children. Protect from extremes of temperature. Store between 5°C and 30°C. Toby Unithane Gloss has a shelf life of at least 12 months, if stored in original, unopened containers, in clean, cool, dry conditions (between 5 C and 30 C) away from sources of heat and naked flames. | Disposal | Do not pour leftover product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collections. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via steel can recycling programs. Disposal of empty containers via domestic recycling programs may differ between local authorities. Check with your local council first. |
| Other | Do not use if sensitised to isocyanates | | |

In the case of emergency please call 1800 033 111

Precautions and Limitations

Do not apply if ambient temperature is less than 10°C.
Dry times will be subject to climatic conditions, film thickness and airflow.
Do not apply over other surfaces without prior testing for compatibility and adhesion.
Do not apply by spray.

MANUFACTURERS COMMENT

This product has been designed as part of a totally integrated application solution. Use with any other manufacturers product, or failing to follow application instructions could result in detrimental effects on product performance, for which Toby cannot be held responsible.

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Transport and Storage

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|------------------------------|-----------------------|----------------------|------|
| Pack A | 70172100 | Flash point | 23 C |
| Sizes | 4, 10 & 20 L | UN Number | 1263 |
| Weight | 4.1Kg, 10.2Kg, 19.6Kg | Package Group | 111 |
| Dangerous Goods Class | flammable | | |
| Shipment Name | Solvent Based | | |

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