



## DATA SHEET

## Toby Unithane Crystal Clear Gloss

PRODUCT CODE 703W0007

Data Sheet No. AUDW1520

## APPROVALS

## Description

Toby Unithane Crystal Clear Gloss is a xylene free single pack moisture cured polyurethane for timber, parquetry and cork floors.

## Features

Polyurethane.  
Xylene free.

## Benefits

Extremely hard wearing.  
Safer to use.

## Uses

Interior timber, parquetry and cork floors.

## Performance Guide

<b>Weather</b>	Interior use only.	<b>Salt</b>	Excellent.
<b>Heat</b>	Up to 60 degrees Celsius.	<b>Water</b>	Excellent.
<b>Solvent</b>	Good for dilute solutions.	<b>Abrasion</b>	Excellent.
<b>Acid</b>	Good for dilute solutions.	<b>Alkali</b>	Good for dilute solutions.

## Typical Properties and Application Data

<b>Gloss Level</b>	Gloss	<b>Thinner</b>	Feast Watson Reducer Thinners
<b>Gloss Level Ind</b>		<b>Spread Rate</b>	11.0 sqm/L
<b>Volume Solids</b>	40.0	<b>Components</b>	1
<b>Colour</b>	Colourless	<b>Number of Coats</b>	2
<b>Shelf life</b>	12 months	<b>Wet film per coat</b>	Recommended 91 µm
<b>Touch Dry</b>	1-3 hours	<b>Dry film per coat</b>	Recommended 37 µm
<b>Clean Up</b>	Feast Watson Super Solvent	<b>Recoat</b>	7 hours



## Application Method



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### Application Guide

#### Surface Preparation

All surfaces must be clean, dry, free of wax, grease, dust and other contaminants prior to the application of a TOBY UNITHANE system. The presence of contaminants contributes to conditions such as rejection or delamination. If the surface is uneven, it should be sanded with coarse sandpaper, then fine sanded with 100 grit sandpaper, then with 100 mesh screenback and vacuumed thoroughly. Do not apply over other surfaces without prior testing for compatibility and adhesion.

#### APPLICATION

A sealer coat of TOBY RAPID SEAL or TOBY GF BARRIER SEAL is recommended prior to application of TOBY UNITHANE CRYSTAL CLEAR GLOSS. Do not apply if ambient temperature is less than 10°C. The use of a compatible\* wet edge extender may be required in warmer weather or on large areas to reduce lap marks.

Allow the sealer to dry for 1 hour (Sanding of the sealer may be required but is not necessary. If sanding is required, use a worn 150 mesh screenback and work quickly over the floor).

Apply 2 coats of TOBY UNITHANE CRYSTAL CLEAR GLOSS at 10-12m<sup>2</sup>/Litre with a synthetic brush, lambswool applicator or Rolana 6mm mohair roller. Ensure the coat applied is uniform. Allow the first coat to dry (7 hours at 25°C and 50% relative humidity). Dry times will be subject to climatic conditions, film thickness and airflow.

Sand with a 100-mesh screenback between coats and vacuum thoroughly before applying the next coat.

Clean application equipment with a compatible\* clean up solvent. If a subdued gloss finish is required, use UNITHANE SEMI-GLOSS, SATIN or MATT as the final coat.

**NOTE:** Any residual sanding dust or airborne dust particles will cause pimples 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 highly recommended that the appropriate respiratory equipment be worn when ventilation is restricted.

All solvent-based polyurethanes can contribute to the yellowing of certain types of water based house paints. Ensure paint on walls and ceilings has completely dried before coating the floor.

TOBY UNITHANE CORK & TIMBER FINISH is manufactured to correct consistency for application by 6mm mohair roller or synthetic brush. **DO NOT APPLY BY SPRAY.**

If thickening has occurred due to ageing, thin with a compatible thinner\* (Approx. 5-10% maximum).

\*Refer to [www.duspec.com.au](http://www.duspec.com.au) for compatible products.

#### RECOATING

Always perform a test patch over 1 square metre in an inconspicuous area. Clean the floor with a recoating stripper or polish remover and then neutralise the floor with a non abrasive floor cleaner. Abrade surface to a dull matt finish using 100-mesh screenback. Apply TOBY UNITHANE CRYSTAL CLEAR GLOSS using relevant application instructions. Once coating is cured do a cross hatch test by scoring the surface with a sharp knife in a cross hatch pattern. Apply strong sticky tape to the surface and press down with thumb. After a few seconds remove the tape in one quick movement. If any coating is removed the floor needs to be sanded back to bare timber before coating. If no coating is removed it is safe to follow this process over the whole floor.

#### CARE AND MAINTENANCE

Complete curing of a TOBY UNITHANE system takes approximately 7 to 14 days after application of last coat and care must be exercised during this period. Avoid dragging chairs or furniture over the surface and use mats in high traffic areas. To extend the life of the floor use floor-glides under chair and furniture legs. Sweep the floor regularly (once a week is recommended) and wash periodically with a non abrasive floor cleaner. Recoat cork surfaces before the coating has worn through completely.

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### Health and Safety

<b>MSDS Number</b>	22223	<b>Using Safety Precautions</b>	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.
<b>Health Effects</b>	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.  ADDITIONAL INFORMATION IS LISTED IN THE MATERIAL SAFETY DATA SHEET.	<b>Flammability</b>	This product is flammable.
<b>Personal</b>	Avoid skin and eye contact and breathing of vapour/spray mist.	<b>Fire Suppression</b>	Foam, dry agent. Avoid breathing products of combustion.
<b>Protective Equipment</b>	Wear overalls, impervious gloves and safety glasses. If inhalation risk exists wear organic vapour/particulate respirator.	<b>Storage</b>	Keep out of reach of children. Protect from extremes of temperature. Store between 5°C and 30°C.
<b>Disposal</b>	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.		

**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

<b>Pack A</b>	703W0007	<b>Flash point</b>	>44
<b>Sizes</b>	20L	<b>UN Number</b>	1263
<b>Weight</b>	20.5kg	<b>Package Group</b>	III
<b>Dangerous Goods Class</b>	3		
<b>Shipment Name</b>	PAINT		

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