

## **TECHNICAL DATA SHEET**

### **PRODUCT**

### **UT300 2-PACK CLEAR TIMBER SEALER**

### **DESCRIPTION**

A fast drying 2-pack clear for preparing and sealing timber surfaces so as to enhance grain definition and minimise sinking of topcoats.

### **PROPERTIES**

#### **COLOUR**

Transparent

#### **GLOSS LEVEL**

Not applicable

#### **CHEMICAL RESISTANCE**

Not applicable

#### **SOLVENT RESISTANCE**

Not applicable

#### **ABRASION RESISTANCE**

Not applicable

#### **TEMPERATURE RANGE**

Pass at 150 °C (dry).

### **TECHNICAL DATA** **RECOMMENDED FILM BUILD**

80 microns (wet)

#### **VOLUME SOLIDS**

38%

#### **THEORETICAL COVERAGE:**

12metres<sup>2</sup> / lt. (approx)

#### **COMPONENTS**

Two.

#### **MIXING RATIO**

2A : 1B by volume

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**DRYING AT 25 °C**

Touch Dry	30 minutes
Handleable	1 hour
Sanding	2 hours

**CHEMICALLY ASSISTED DRYING AT 25 °C**

Touch Dry	15 minutes
Handleable	30 minutes
Sanding	1 hour

**POT LIFE AT 25 °C** 4 hours

**APPLICATION METHODS** Conventional, airless or air assisted airless

**FLASHPOINT** 22 °C

**RECOATABILITY** Must be sanded

**SHELF LIFE** 12 months at 25 °C in original sealed containers.

**PACKAGING**

Part A	2 lt.	4 lt.	20 lt.
Part B	1 lt.	2 lt.	5 lt.

**SYSTEM RECOMMENDATIONS**

<u>SUBSTRATE</u>	<u>PREPARATION</u>	<u>COATING SEQUENCE</u>	<u>FILM BUILD WET (DRY)</u>
TIMBER	Sand and remove dust	1 <sup>st</sup> coat : UT300 2-pack Clear Timber Sealer OR UT310 2-pack Clear Timber Sealer 2 <sup>nd</sup> coat : UT300 2-pack Clear Timber Sealer Finish coat : UT900 Series 2-Pack Fast Dry Topcoat OR UT100 Series 2-Pack Acrylic Topcoat	80 microns  80 microns 80 microns 80 - 100 (36 - 45) microns 100 - 120 (40 - 50) microns

**SURFACE PREPARATION**

**TIMBER** Surface should be dry, clean and free from large gaps or imperfections, an initial sand with 180 grit Fre-cut paper is recommended prior to sealing. Remove by blow-off or vacuum all excess dust then apply sealer according to instructions.

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**APPLICATION**

**MIXING**

Mix all of base to all of hardener or in the ratio of TWO (2) parts of base to ONE (1) part hardener by volume for small requirements.

**THINNING**

UT300 is designed as a ready for use system therefore thinners should not be required.  
 If thinning is necessary UT100 U-thane Thinner is recommended under normal conditions.

**SPRAYING**

Conventional siphon pot	: 385 kPa	(50psi)
Conventional pressure pot	: 300 kPa - 450 kPa	(45 - 65 psi)
Pressure at pot	: 65 kPa	(10 psi)
Pressure at Gun	: 385 kPa	(50 psi)

**EQUIPMENT  
CLEANUP**

All equipment should be thoroughly cleaned using UT100 U-thane Thinner or BC Coatings Gunwash.

**PRECAUTIONS  
SAFETY**

**DO NOT SMOKE.**  
 This product is polyisocyanate catalysed and the necessary precautions must be observed when handling this material.

**GENERAL**

Freshly mixed material must not be added to material which has been in use for some time.  
 Rate of cure is dependent upon temperature.  
 Do not apply this product at temperatures below 10 °C or relative humidities > 85 %.  
 Ensure maximum recoat interval is not exceeded otherwise surface must be lightly abraded and then dusted to ensure maximum intercoat adhesion.  
 Shelf life is normally 12 months but depends on storage conditions.

**DANGEROUS GOODS**

Part A	Class 3.1	UN	1263	PAINT HFP
Part B	Class 3.2	UN	1866	RESIN SOLUTION

This data sheet is based on information in BC Coatings possession at date of issue.  
 BC Coatings supplies its products only on condition that the consumer is satisfied as to the performance of the product in meeting his particular requirements.