

TECHNICAL DATA SHEET

PRODUCT

UT320 TWO-PACK HIGH BUILD CLEAR FAST TIMBER SEALER

DESCRIPTION

A very fast drying High Build 2-pack clear for preparing and sealing timber surfaces used 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

40 microns (wet)

VOLUME SOLIDS THEORETICAL

35 %

COVERAGE

12 sq metres / lt. (approx).

COMPONENTS

Two.

MIXING RATIO

2A : 1B by volume.

DRYING AT 25 °C

Touch Dry	20 minutes
Handleable	30 minutes
Sanding	1 hour

CHEMICALLY ASSISTED DRYING AT 25 °C

Touch Dry	10 minutes
Handleable	20 minutes
Sanding	30 minutes

POT LIFE AT 25 °C

4 hours

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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	<table border="0" style="margin-left: 20px;"> <tr> <td>Part A</td> <td>2 lt.</td> <td>4 lt.</td> <td>20 lt.</td> </tr> <tr> <td>Part B</td> <td>1 lt.</td> <td>2 lt.</td> <td>5 lt.</td> </tr> </table>	Part A	2 lt.	4 lt.	20 lt.	Part B	1 lt.	2 lt.	5 lt.
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SYSTEM RECOMMENDATIONS

<u>SUBSTRATE</u>	<u>PREPARATION</u>	<u>COATING SEQUENCE</u>	<u>FILM BUILD WET (DRY)</u>
TIMBER	Sand and remove dust	1 st coat : UT320 2-Pack Clear Timber Sealer	40 microns
		2 nd coat : UT220 White Fast Sanding Undercoat OR UT240 White Timber Primer	80 - 100 (26 - 34) microns 80 - 100 (26 - 34) microns
		Finish coat : UT900 2-Pack Fast Dry Topcoat OR UT100 Series 2-Pack Acrylic Topcoat	80 - 100 (26 - 34) microns 100 - 120 (40 - 50) microns

NOTE: Do **NOT** apply UT320 Sealer too heavily as cracking may occur with thick films.

UT320 Sealer was **not designed** to be used as a high build sealer.

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 UT320 is designed be thinned by 30%.
Using UT100 Thinner

SPRAYING

Conventional syphon pot	: 385 kPa	(50 psi)
Conventional pressure pot	: 300 kPa - 450 kPa	(45 - 65 p.s.i.)
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.

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 humidifies above 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.

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.