

**TECHNICAL DATA SHEET****PRODUCT****UT150 SERIES U-THANE GLOSS CLEAR****DESCRIPTION**

A 2-Component Acrylic Polyurethane Clear, formulated to be applied at higher than normal solids to give maximum levels of gloss and protection. Excellent performance as final clear coat in external applications as a moisture barrier ,graffiti resistance applications or masonry sealer.

**PROPERTIES****COLOUR**

Clear

**GLOSS LEVEL**

Available in a range of gloss levels from full gloss to matte

**WEATHERING RESISTANCE**

Excellent

**CHEMICAL RESISTANCE**

Excellent

**SOLVENT RESISTANCE**

Excellent

**ABRASION RESISTANCE**

Very good

**TEMPERATURE RANGE**

Up to 200 °C (dry)

**WATER RESISTANCE**

Excellent

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

50-70 microns dry

**VOLUME SOLIDS**

42 %

**THEORETICAL****COVERAGE**

6 - 8 sq. metres per litre

**COMPONENTS:**

Two

**MIXING RATIO:**

2A : 1B by volume

**DRYING AT 25 °C.**

Touch Dry

2 Hrs

Handleable

Overnight.

Full cure

3 - 5 days.

**TECHNICAL DATA SHEET**  
**UT150 SERIES U-THANE GLOSS CLEAR**

<b>POT LIFE AT 25 °C</b>	6 Hours
<b>APPLICATION METHOD</b>	Apply 2 - 3 single coats allowing a flash-off time of 5 - 10 minutes between coats
<b>FLASHPOINT</b>	23°C
<b>SHELF LIFE</b>	2 years in original sealed containers at room temperature
<b>PACKAGING</b>	Part A - 4 Litres Part B - 2 Litres

**SURFACE PREPARATION**

**SHOULD ONLY BE APPLIED OVER CLEAN DRY SUBSTRATES.**

Masonry or freshly poured concrete should be neutralised by acid washing and thorough rinsing.  
Allow to fully dry prior to applying first coat.

**APPLICATION**

<b>MIXING</b>	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.
<b>THINNING</b>	To reduce viscosity use UT150 U-Thane Thinner up to 20 % by volume for improving flow out of coatings.
<b>SPRAYING</b>	When preparing panels, apply 2 - 3 coats allowing approx 5 - 10 minutes flash-off time between applications.
<b>SPRAYING</b>	<b>SPRAY GUN FLUID TIP &amp; WORKING PRESSURE</b>

	<u>Spray Gun Fluid Tip</u>	<u>Working Pressure</u>
Gravity feed spray gun	1.2-1.5mm	300-400 kPa
Suction feed spray gun	1.2-1.6mm	300-400 kPa
Pressure feed spray gun	1.1-1.2mm	400-500 kPa



**TECHNICAL DATA SHEET**  
**UT150 SERIES U-THANE GLOSS CLEAR**

**EQUIPMENT  
CLEAN-UP**

Use recommended thinners, such as UT100 U-thane Thinner or BC Coatings Gun Wash.

**PRECAUTIONS**  
**SAFETY**

Provide adequate ventilation during use.  
Air flow should be adequate to ensure a comfortable working atmosphere.  
When spray painting, users should comply with the provisions of the State Spray Painting Regulations.  
Where this is not possible, operators must use an air supplied respirator complying with Australian Standards AS 1715 and AS 1716.

This product is flammable and all sources of ignition (flame, pilot lights, furnaces, spark producing switches etc.) must be eliminated in or near the application area.

**DO NOT SMOKE.**

This product is isocyanate cured and all necessary precautions must be observed when handling this material.

Avoid contact with skin and eyes.

Wear protective goggles and gloves when handling the material.

In case of skin contact, remove contaminated clothing and wash skin thoroughly with clean water.

Seek medical attention if eyes are affected by splashes or fumes.

**GENERAL**

Freshly mixed material must NOT be added to material which has been in use for some time.

Cure rate dependent upon temperature.

Do NOT apply this product at temperatures below 10 °C or at relative humidities above 85%.

Shelf life is normally 24 months but depends on storage conditions.

<b>DANGEROUS GOODS</b>	Part A	Class 3.2	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. 061207