

TECHNICAL DATA SHEET

PRODUCT

UT150 SERIES U-THANE GLOSS CLEAR

DESCRIPTION

A 2-Component UV stabilised 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 topcoat over metallic basecoats, moisture barrier, graffiti resistance applications or masonry sealer.

PROPERTIES

COLOUR	Clear
GLOSS LEVEL	Available in full gloss
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

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

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 volume	To reduce viscosity use UT150 U-Thane Thinner up to 20 - 30% by volume for improving flow out of coatings.
SPRAYING	When preparing panels, apply 2 - 3 coats allowing approx 5 - 10 minutes flash-off time between applications.

SPRAYING

SPRAY GUN FLUID TIP & WORKING PRESSURE

	<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.

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.

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.