

TECHNICAL DATA SHEET

PRODUCT

UT173 ANTI STEALTH 2-PACK MAXIMUM PERFORMANCE POLYURETHANE TOPCOAT

DESCRIPTION

UT173 Anti Stealth Clear polyurethane coating is specially designed to protect the appearance of external hard wearing surfaces for the maximum length of time, typically for a period of 15 - 20 years with a maintenance program.

Its principal application areas are for the graffiti resistance properties and protection of architectural fascias, railway fixtures, buses and bus depots, aircraft and aviation terminals, public utilities, park fixtures, rest room partitions. It is particularly resistant to the "stealth" ink currently popular with graffiti "taggers".

PROPERTIES

COLOUR

Clear

GLOSS LEVEL

Gloss, Satin & Semi-Gloss

WEATHERING

Excellent.

CHEMICAL RESISTANCE

Excellent.

SOLVENT RESISTANCE

Excellent.

ABRASION RESISTANCE

Very good.

TEMPERATURE RANGE

Up to 200 °C (dry).

TECHNICAL DATA RECOMMENDED FILM

BUILD

| | | |
|--------------------|--------------|-------------|
| Flat Panels | 100 µM (wet) | 50 µM (dry) |
| Profiles | 70 µM (wet) | 30 µM (dry) |

VOLUME SOLIDS

50 %

THEORETICAL COVERAGE

Approximately 10 metres² per litre at 100 microns wet.

COMPONENTS

Two.

MIXING RATIO

4A : 1B by volume

**UT173 ANTI STEALTH 2-PACK MAXIMUM PERFORMANCE POLYURETHANE
TOPCOAT**

| | | |
|----------------------------|--------------------------------|------------------------|
| DRYING AT 25 °C | Touch dry: 2 hrs | Handleable: 8 hrs |
| | Recoat: 8 hrs | Full cure: 7 - 10 days |
| POT LIFE AT 25 °C | 4hrs. | |
| APPLICATION METHODS | Air atomised or airless spray. | |
| FLASHPOINT | 30 °C | |
| SHELF LIFE | 12 months (min) | |
| PACKAGING | Part A 4 litres, 20 litres. | |
| | Part B 1 litre, 5 litres | |

SYSTEM RECOMMENDATIONS

Used as a protective graffiti resistant topcoat Clear, check suitability of previously painted surfaces.

APPLICATION

MIXING

Stir each of the components until homogenous.
Mix all base and hardener components until fully blended.
Allow induction time of 5 minutes prior to commencing application.
For smaller quantities mix **4** parts of base to **1** part hardener by volume.

THINNING

Use recommended thinner only, up to a maximum of 25 % by volume depending on method of application employed.
Coating should be applied with as little added thinner as is practicable to maximize final film

SPRAYING

Conventional pressure pot: 1.5 mm Fluid orifice using 385 kpa (50 psi).
Pressure at pot: 65 kpa (10 psi)

AIRLESS

Pressure at Gun: 385 kpa (50 psi)
Standard airless equipment using 28:1 pump ratio and fluid tip range 475-525 microns (.019-.021 inches) and supply air at 520-650 kpa (80-100p.s.i).
Thin only as necessary with UT173 Thinner.

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EQUIPMENT CLEANUP All equipment should be thoroughly cleaned with UT173 Thinner or BC Coatings Gun Wash.

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 ambient temperatures below 15 °C or greater than 40 °C or at relative humidities less than 25 % or above 85 %.
Ensure maximum recoat interval is not exceeded otherwise surface must be lightly abraded and then dusted to ensure maximum inter-coat 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.