



Manufacturers of UTHANE Polyurethane Coatings
14A Williamson Road, Ingleburn N.S.W 2565
Phone +612 9729-2000 1300 BCC OAT (222 628)
Email: orders@bccoatings.com.au
Text Orders/Enquiries: 0487 800 090

TECHNICAL DATA SHEET

UW1800 AQUACOLOR WATERBORNE GLASS COATING SYSTEM

<u>PRODUCT</u>	UW1800 AQUACOLOR WATERBORNE GLASS COATING SYSTEM				
<u>DESCRIPTION</u>	UW1800 1-Pack non yellowing water based polyurethane designed to maintain maximum appearance for the maximum length of time. Its principal application area is for the decoration of glass.				
<u>PROPERTIES</u>					
COLOUR	Full colour range or matchings on request.				
GLOSS LEVEL	SATIN				
WEATHERING	Excellent				
CHEMICAL RESISTANCE	Very good				
SOLVENT RESISTANCE	Very good				
ABRASION RESISTANCE	Very good				
TEMPERATURE RANGE	Up to 150 °C (dry)				
V.O.C.	51 grams per litre				
<u>TECHNICAL DATA</u>					
RECOMMENDED FILM BUILD	120 microns (wet)		40 microns (dry)		
VOLUME SOLIDS	30 %				
THEORETICAL COVERAGE	Approximately 8 sq metres per litre at 120 microns wet.				
DRYING AT 25 °C	Touch dry	30-40 Mins	2 hours	Handleable	40-60 Mins
	Recoat	2 hours			
APPLICATION METHODS	Air or airless spray.				
SHELF LIFE	12 months (minimum) in original sealed containers				
PACKAGING	1 Lt.	2 Lt.	4 Lt.	10 Lt.	Plastic Pail



Manufacturers of UTHANE Polyurethane Coatings
14A Williamson Road, Ingleburn N.S.W 2565
Phone +612 9729-2000 1300 BCC OAT (222 628)
Email: orders@bccoatings.com.au
Text Orders/Enquiries: 0487 800 090

TECHNICAL DATA SHEET

UW1800 AQUACOLOR WATERBORNE GLASS COATING SYSTEM

SYSTEM RECOMMENDATIONS / SURFACE PREPARATION

REFER TO PROCEDURES IN VETROCOLOR MANUAL

APPLICATION

MIXING

Stir till homogenous.

Add 20 mls of UW1801 ACTIVATOR per Litre to ENSURE ADHESION

THINNING

Use up to 15% water

SPRAYING

Conventional pressure pot : 2.0 mm Fluid orifice using 385 kPa (50 psi).
Pressure at pot : 65 kPa (10 p.s.i.)
Pressure at Gun : 385 kPa (50 p.s.i.)

AIRLESS

Standard airless equipment using 28:1 pump ratio and fluid tip range
475-525 microns (0.019-.021 inches) and supply air at
520 - 650 kPa (80 - 100 p.s.i).
Thin as necessary with water.

EQUIPMENT CLEANUP All equipment should be thoroughly cleaned with water.

GENERAL

Rate of cure is dependent upon temperature.
Do not apply this product at temperatures below 10 °C or relative humidifies
above 85%.
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.