

## TECHNICAL DATA SHEET

### PRODUCT

**VC800 2-PACK VETROCOLOR GLASS COATING SYSTEMS**

### DESCRIPTION

VC800 2-Pack topcoat is a modified acrylic polyurethane designed to maintain maximum appearance for the maximum length of time.  
 Its principal application area is for the decoration of glass.

### PROPERTIES

<b>COLOUR</b>	Full colour range or matchings on request.
<b>GLOSS LEVEL</b>	SATIN
<b>WEATHERING</b>	Excellent
<b>CHEMICAL RESISTANCE</b>	Very good
<b>SOLVENT RESISTANCE</b>	Very good
<b>ABRASION RESISTANCE</b>	Very good
<b>TEMPERATURE RANGE</b>	Up to 150 °C (dry)

### TECHNICAL DATA

<b>RECOMMENDED FILM BUILD</b>	100 microns (wet)	40 microns (dry)
<b>VOLUME SOLIDS</b>	40 %	
<b>THEORETICAL COVERAGE</b>	Approximately 10 sq metres per litre at 100 microns wet.	
<b>COMPONENTS</b>	Three (3)	
<b>MIXING RATIO</b>	4A : 1B by volume	

<b>DRYING AT 25 °C</b>	Touch dry	2 hours	Handleable	6 hours
	Recoat	4 hours	Full cure	5 days

<b>CHEMICALLY ASSISTED DRYING AT 25 °</b>	Touch dry	1 hour	Handleable	3 hours
	Recoat	2 hours	Full cure	3 days

**POT LIFE AT 25 °C** 8 hours

### **APPLICATION METHODS**

Brush, roller, air or airless spray.  
 Chemically assisted drying requires air atomisation or shaping air.

### **FLASHPOINT SHELF LIFE**

23 °C  
 12 months (minimum) in original sealed containers

### **PACKAGING**

Part A	1 Lt.	4 Lt.	20 Lt.
Part B	1 Lt.	5 Lt.	

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#### SYSTEM RECOMMENDATIONS / SURFACE PREPARATION

#### **REFER TO PROCEDURES IN VETROCOLOR MANUAL**

#### **APPLICATION**

##### **MIXING**

Stir each of the components till homogenous.  
Mix all base and hardener components until fully blended.  
Allow induction time of 10 - 15 minutes prior to commencing application.  
For smaller quantities mix FOUR (4) parts of base  
to ONE (1) part hardener by volume.

**Add 30 mls of VC801 ACTIVATOR per Litre to ENSURE ADHESION**

##### **THINNING**

Use VC800 Vetrolcolor Thinner only, up to a maximum of 20 % by volume depending on method of application employed.

##### **SPRAYING**

Conventional pressure pot : 1.5 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 VC800 Vetrolcolor Thinner.

##### **EQUIPMENT CLEANUP**

All equipment should be thoroughly cleaned with  
VC800 Vetrolcolor Thinner or BC Gunwash.

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#### PRECAUTIONS

##### **SAFETY**

Provide adequate ventilation during use.

Airflow 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 AS1715 and AS1716.

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 polyisocyanate catalysed and the 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 the 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.

Rate of cure is dependent upon temperature.

Do not apply this product at temperatures below 10 °C or relative humidities 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.

##### **DANGEROUS GOODS**

Part A	Class 3.1	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.