620 BARRCRYL ICF - GLASS ADDITIVE HARDENER

PRODUCT DESCRIPTION

Commercial Performance Coatings 620 Barrcryl ICF is an isocyanate free, fast drying acrylic two pack finish with good gloss retention and resistance to weathering.

Commercial Performance Coatings 620 Barrcryl ICF Glass Additive Hardener has been formulated with a special additive that improves the adhesion of the coating to glass surfaces.

Commercial Performance Coatings 620 Barrcryl ICF is available in a range of colours from Australian and International standard colours.

PRODUCTS

Barrcryl ICF Mixed Colour		620	
Hardener		620-9805	Barrcryl ICF pack B Glass Additive
Reducers	*Normal conditions*	141 Barrcryl Reducer	
	Hot conditions	282 Barrcryl Reducer Slow	

SUBSTRATES & PREPARATION

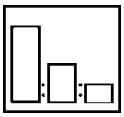
Commercial Performance Coatings 620 Barrcyl ICF can be applied over suitable glass surfaces.

Suitable glass surfaces should be thoroughly cleaned with a hard surface cleaner followed by a specialty glass cleaner. Glass that is known to be surface treated will need to have the coating removed by chemical means.

The success of the glass coating is fully dependent on the cleanliness of the glass substrate. It is recommended that the air side of the glass be painted only. Painting the tin side can lead to system failures.

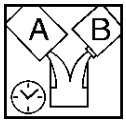
Do NOT use standard 620 Hardener for glass applications.

MIXING RATIO BY VOLUME



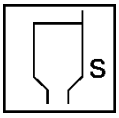
PRODUCT	PARTS
620 Barrcryl ICF Mixed Colour	4
Hardener	1
Reducer	Up to 45%

POT LIFE



Catalysed material is useable for up to 8 hours at 25°C

SPRAY VISCOSITY



CONVENTIONAL, HVLP	16 - 24 seconds (DIN 4) at 25°C

SPRAYGUN

CONVENTIONAL, HVLP

SETUP

• GRAVITY	1.4 mm - 1.6 mm
• SUCTION	1.4 mm - 1.8 mm

SPRAY PRESSURE

• CONVENTIONAL	3.5 - 4.5 bar (350 - 450 kPa, 45 - 65 psi)
• HVLP / RP	2 - 3 bar

APPLICATION & FLASH OFF

Apply 2 full, wet even coats

Allow 15 - 25 minutes flash off between coats at 25°C

Note: Do not apply at temperatures less than 10°C, when the relative humidity exceeds 80%, or if the surface temperature is within 3°C of the dew point.

DRYING TIMES

AIR DRY (25°C)

• TOUCH DRY:	8 hours
• HARD DRY:	12 hours minimum

Note: Drying times can vary dependent on temperature, flash off between coats, film builds and number of coats applied. Full cure will be achieved after 7 days, it is recommended to wait for full cure before installation.

RECOAT

Recoat after 12 hours.

Maximum recoat time is indefinite.

TOTAL DRY FILM BUILD

50 µm

TECHNICAL PARAMETERS

VOLUME SOLIDS (RFU)	40 - 50%, depending on colour
COVERAGE	8 - 10 metres squared per litre (m^2/L)

RESISTANCE PROPERTIES

WEATHERING	Good
ABRASION	Excellent
SOLVENT	Satisfactory to hydrocarbon solvents only
CHEMICAL	Good to splash and spillage for mild chemicals
HEAT	Satisfactory up to 80ºC Dry Heat
IMMERSION	Not Recommended

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

This product is for professional use only.
The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

PPG Industries Australia Pty Ltd, 14 McNaughton Rd
Clayton, VIC 3168 Australia

EMERGENCY RESPONSE NUMBER, Australia: 1800 883 254

PPG Industries New Zealand Pty Ltd, 5 Vestey Dr, Mt Wellington
Auckland, New Zealand

EMERGENCY RESPONSE NUMBER, New Zealand: 0800 000 096