



DESCRIPTION

Irathane Chem-C is a blend of specially selected fillers and a chemically resistant resin. The resin contains a specially selected chemically resistant pigment which enhances both the performance and appearance of the finished coating. It has exceptional resistance to most acids, solvents and alkalis and is ideally suited for application to concrete secondary containment areas.

FEATURES

Irathane Chem-C has been developed with the following features:

- Excellent Chemical Resistance
- Easy to use


Resistant to a wide range of commonly used chemicals

TYPICAL APPLICATIONS

- Secondary Containment/Bund Areas
- Chemical Filling Stations
- Flooring in Work Areas
- Tank Linings



PRODUCT DATA

Product Data	Chem-C
Packaging	Both Resin & Powder are supplied in 25Kg keg
Mix Ratio (weight)	2 Parts of powder to 1 part resin
Colour	
Product Type	Vinyl Ester
Spreading Rates & Thickness	
Unfilled Catalysed Resin Mixture	0.2kg/m ²
Application of two Layers	3.5kg/m ²

SURFACE PREPARATION

Ensure that concrete is clean & sound (for further information on concrete preparation contact Irathane Technical Services)

MIXING

Add Akzo Butanox LPT Catalyst to the resin component and mix thoroughly. For priming, use this material "as is". For trowelling component, mix the powder component into pre-catalysed resin at a rate of 2 parts of powder to 1 part of resin by weight

Temperature °C	LPT add level
5	3.00%
10	2.00%
20-35	1.00%

APPLICATION METHOD



- Application is two layers at a rate of 3.5kg/m² per layer
 - Prime the prepared surface with the unfilled catalysed resin mixture at 0.2kg/m². allow to cure for 2 hours
 - Trowel mixed material onto the previously primed substrate. Whilst this coat is still workable, roll in 250-350gsm e-glass cloth (allow 2cm overlap at edges) ensuring it is fully wetted out, additional resin may be required. Allow to cure for 6 hours
 - Inspect glass cloth for dry spots or air pockets prior to applying second coat. If air pockets are found they should be cut out and repaired using filled resin and cloth as above.
 - Apply second coat
 - The final surface may be rolled with a short nap roller, lightly dipped in styrene, if a smoother finish is required.

APPLICATION INFORMATION

Product Data	Mixed
Over Coating Time:	Maximum 20 Days
Walk On Time	6 Hours
Full Cure	7 Days
Application Temperature	Air 5-40°C RH <85% (air & Substrate)
	10-40°C (Material)
Dew Point	Substrate must always be 3°C above the Dewpoint

STORAGE & SAFETY

When stored in original up-opened containers at 25°C Chem-C is guaranteed for a period of 6 months from shipment date. These products are flammable and should be stored away from sources of ignition

DISCLAIMER

The above figure represent mean values obtained in our own laboratory. They do not as such constitute a specification, since ITW Irathane International cannot predict the results which may be obtained from different working conditions on users equipment, it is in the best interest of all customers that they ascertain by relevant tests the suitability of a given system for any application