



SHIELD-SCREED

Chemical Resistance Chart

This information and advice is based on experience and tests carried out on fully cured samples. It should be noted that some aggressive chemicals in this list will affect a fully cured products surface colour and finish. This does not classify as a failure. A failure is classified by a products breakdown and failure in regard to overall performance.

Combinations of chemicals may be more aggressive than individual reagents and may adversely affect the product. Exposure of the products to chemicals should always be minimised by use of an effective cleaning regime, and by immediate action to address any spillage or leakage to prevent any build up, or increased concentration through evaporation.

Based on the above, the following table has been compiled only as a guide to the suitability of the specified resin system, provided it is correctly applied as recommended per the technical data sheet and allowed to cure for a minimum of 7 days at 20°C and properly maintained during service.

End Users should, nevertheless, satisfy themselves that the product is suitable for their environmental conditions, and consider both the mechanical duty and any elevated temperatures. For more extreme cases, IMG Limited always recommends laying a test sample of the selected product under actual site conditions to ensure proper performance.

KEY:

- Very Good – No deleterious effect up to 28 days.
- Good – Unaffected at 24 hours.
- Poor – Unaffected up to 6 hours.
- None – Not resistant. Cured product effected on contact or within 1 hour.

If you have any queries, or have a specific case you need advice for, please ask your sales rep and our technical team will get back to you as soon as possible.

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The **IM Group** utilizes a process of continuous product improvement for all of our products. While we do strictly adhere to our products' specifications, we routinely implement product improvements. Therefore, please contact us for our most current product specifications. IM Group warrants the quality of this product when used according to directions. User shall determine suitability of product for use and assumes all risk. The seller will not accept liability for more than product replacement.

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Chemical	Concentration	Resistance Ranking			
		None	Poor	Good	Very Good
Acetic Acid	5				X
Acetone		X			
Ammonia (sol'n)	40			X	
Beer					X
Brine	30				X
Butyl Acetate					X
Chromic Acid	5			X	
Citric Acid	30				X
Coconut Oil					X
Cyclohexane					X
Diesel					X
Di-Isobutyl Ketone					X
Ethanol	70				X
Ethyl Acetate					X
Formaldehyde	40				X
Formic Acid	10				X
Glycerol					X
Hydrochloric Acid	10				X
Hydrogen Peroxide	30				X
Iso-Propanol					X
Jet Fuel					X
Lactic Acid	30				X
Methyl Ethyl ketone		X			
Milk					X
Mineral Oil					X
Naptha					X
Nitric Acid	5				X
Oleic Acid	100				X
Oxalic Acid	10				X
Paraffin					X
Perchlorethylene					X
Perchloric Acid	30			X	
Petrol					X
Phosphoric Acid	50				X
Polypropylene Glycol					X
Potassium Hydroxide	50				X
Salt solution	sat'd				X
Skydrol A500					X
Sodium Hydroxide	50				X
Sugar Solution	30				X
Sulphuric Acid	10			X	
Sunflower Oil					X
Tartaric Acid	5				X
Toluene		X			
1,1,1 - Trichloroethane					X
Urea	30				X
Wine					X
Xylene					X

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