

Chemical Resistance Data

A guide for F Ybc`]bY CIPP Epoxy Resins
used in Liners For Waste Water Systems

Resistance of Polymerised Resin systems at 25°C ± 10°C

No.	Organic Compounds		No.	Inorganic Compounds	
1.	Acetic acid, 10%	- / *	1.	Ammonium hydroxide, 10%	**
	Acetic acid, 40%	--	2.	Calcium chloride, 70%	**
2.	Acetone	--	3.	Hydrochloric acid, 36%	*
3.	Acrylonitrile	--	4.	Nitric acid, 10%	*
4.	Aniline	--		Nitric acid, 50%	-
5.	Animal fats	**	5.	Phosphoric acid, 50%	-
6.	Benzene	- / *	6.	Sodium chloride, 30%	**
7.	Brake fluid	**	7.	Sodium hydroxide, 40%	*
8.	Butyl alcohol	**	8.	Sodium hypochlorite, 5%	*
9.	Butyl cellulose	**		Sodium hypochlorite, 15%	--
10.	Carbon tetrachloride	*	9.	Sulphuric acid, 10%	**
11.	Chloroform	-		Sulphuric acid, 50%	-
12.	Citric acid, conc.	**		Sulphuric acid, 80%	--
13.	Diesel fuel	**	10.	Water, distilled	**
14.	Ethanol	**		Water, drinking-water	**
15.	Ethyl acetate	--		Water, salt-water	**
16.	Ethylene glycol	**			
17.	Formaldehyde	- / *			
18.	Formic acid, 10%	--			
	Formic acid, 50%	--			
19.	Gasoline	**			
20.	Isopropyl alcohol	**			
21.	Kerosene	**			
22.	Lactic acid, 10%	-			
	Lactic acid, 50%	--			
23.	Methanol	**			
24.	Methyl acetate	*			
25.	Methyl ethyl ketone	--			
26.	N-Methyl ethyl pyrrolidone	-			
27.	Methylene chloride	--			
28.	Mineral oil	**			
29.	Oleic acid	*			
30.	Palm oil	**			

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(cont.)

No.	Organic Compounds	
31.	Phenol	--
32.	Styrene	-
33.	Tetrahydrofuran	--
34.	Toluene	*
35.	1,1,2 Trichloroethane	*
36.	Trichloroethylene	--
37.	Trichlorofluoroethane	**
38.	Xylene	**

Legend:	**	Good resistance
	*	Partial resistance
	-	no long-term resistance
	--	no short-term resistance

RENOLINE clearly state the above Resistance data information is general and for guidance only. Specific chemical resistance data against particular compounds would require individual testing.

GUARANTEE

The information of our technical data sheet are based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of RENOLINE products, under their own conditions before commencing with the proposed application. RENOLINE refuse any guarantee about the compatibility of a product with any particular application. RENOLINE disclaim all responsibility for damage from any incident which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.