

Chemical Resistance — 24-hour spot test

Representative results for standard epoxy resin grade, tested to **BS EN 438-2:1991**.

The material is solid and homogeneous, so this resistance runs through the full thickness — it is not a surface coating. Applies across all five standard finishes.

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NO EFFECT

REAGENT	24-HOUR RESULT	REAGENT	24-HOUR RESULT
Acetone	● Unaffected	Hydrogen peroxide	● Unaffected
Acetonitrile	● Unaffected	Methanol	● Unaffected
Ammonium hydroxide 28%	● Unaffected	Nitric acid 70%	● Very slight bleaching
Aqua regia	● Unaffected	Nitric acid, conc.	● Slight yellowing
Benzyl alcohol	● Unaffected	Nitric acid, fuming	● Attack and staining
Chloroform	● Unaffected	Perchloric acid 0.1N	● Unaffected
Chloroform 100%	● Unaffected	Phosphoric acid, conc.	● Unaffected
Chromic acid pickle *	● Unaffected	Potassium hydroxide pellet *	● Unaffected
Dichloromethane	● Surface attack	Sodium hydroxide 50%	● Unaffected
Dimethylformamide	● Unaffected	Sodium hydroxide pellet *	● Unaffected
Ethyl acetate	● Unaffected	Sodium hypochlorite	● Unaffected
Formaldehyde 37%	● Unaffected	Sulphuric acid 70%	● Unaffected
Hydrochloric acid 30%	● Unaffected	Sulphuric acid, conc.	● Surface attack
Hydrochloric acid, conc.	● Unaffected	Xylene	● Unaffected
Hydrofluoric acid 40%	● Slight bleaching		

● Unaffected

● Slight bleaching / yellowing

● Surface attack

* Denotes a specific test condition noted in the original specification. Spot-test results are indicative; for a reagent, concentration or exposure time not listed, contact our team and we will advise.