



### P101 CHEMICAL RESISTANCE

P101 Protective Coatings show very good resistance to the harshest of industrial chemicals and solvents. They may be specified for the long term protection of industrial plants, oil/chemical storage vessels, chemical processing plants and oil/chemical transport vehicles. It may also be used as a chemically resistant, attractive finish for walls and floors in industrial locations.

#### KEY TO CHEMICAL RESISTANCE

1. Complete resistance – greater than 4 years complete immersion and coating still intact
2. Recommended for areas subject to spillage but not total immersion
3. Recommended for areas with occasional spillage and facility to flush area clean after spillage
4. Not recommended

#### RESULTS

(After 4 years total immersion)

MINERAL ACIDS	
Hydrochloric Acid 5%	1
Hydrochloric Acid 10%	2
Sulphuric Acid 5%	1
Sulphuric Acid 20%	2
Sulphuric Acid 50%	3
Nitric Acid 5%	1
Nitric Acid 10%	2
Phosphoric Acid 10%	1
Phosphoric Acid 50%	2
Boric Acid 10%	1

ORGANIC ACIDS	
Formic Acid 10%	3
Acetic Acid 5%	2
Acetic Acid 10%	3
Linseed Fatty Acid	1
Coconut Fatty Acid	1
Oleric Acid	1
Oxalic Acid 10%	1
Succinic Acid 10%	1
Maleic Acid 10%	1
Tartaric Acid 5%	1
Citric Acid 10%	1
Latic Acid 5%	1
Lactic Concentrate	2

MISCELLANEOUS	
Formaldehyde	1
Caprolactam	1
Jet Fuel	1
Skydrol A500	1
Electrocoating	1
Detergent	2

WATER AND SALT SOLUTIONS	
Tap Water	1
Sea Water	1
Common Salt Solution	1
Soda Solution 10%	1
Sodium Bicarbonate 10%	1
Ammonium Chloride 30%	1

ALCOHOLS	
Methanol	2
Ethanol 96%	1
Isopropanol	1
Butanol	1
Ethylene Glycol	1
Glycerol	1
Benzyl Alcohol	3
Cyclohexanol	1

ALKALIS	
Sodium Hydroxide 40%	1
Potassium Hydroxide 20%	1
Ammonia 5%	4
Hydrazine Hydrate	4

SOLVENTS	
White Spirit	1
Petrol	1
Benzene	1
Toluene	1
Xylene	1
Ethyl Acetate	1
Butyl Acetate	1
Methyl Glycol Acetate	1
Ethyl Glycol Acetate	1
Acetone	2
Methyl Ethyl Ketone	2
Methyl Isobutyl Ketone	1
Cyclohexanone	1
Carbon Tetrachloride	1
Dichloroethane	4
Dichloropropane	2
Trichloroethylene	1
Perchloroethylene	1
Chlorobenzene	2

For further details or information please contact our Technical Department

**PLEASE NOTE**

Our products are fully guaranteed against defective materials and manufacture. All sales are subject to our Terms and conditions, a copy of which is available on request. It is assumed that a safe working environment is maintained in line with Health & Safety guidelines, flammability and fire risk.

All the data on the products is given in good faith and reflects many years of experimental and practical work. However, because we have no direct or continuous control over the end use of our products and although we will give advice, whenever required, we cannot accept any liability for the end use, whether or not in accordance with any advice, specification, recommendation or information relating to any of our products.