

Tests were conducted at 68°F (20°C) for 60 days. Long-term resistance can only be established on officially tested systems.
+ = UNAFFECTED (VALID FOR ALL CONCENTRATIONS UNLESS NOTED OTHERWISE) - = AFFECTED

A	- Acetic Acid, conc. + Acetic Acid, 10 % - Acetone + Amber Acid - Ammonia + Ammonium Carbonate + Ammonium Chloride + Ammonium Perchlorate + Ammonium Phosphate + Ammonium Sulfate - Aniline + Arsenic + Aviation Fuel	F + Fats (animal) + Fertilizers - Formaldehyde, 30 - 40 + Formic Acid, < 30 % - Formic Acid, 31-85 %	N + Nickel Chloride + Nickel Sulfate - Nitric Acid	T - Tetrachloro Ethylene - Tetra Hydro - Thicoglycolic Acid + Tin Chloride - Toluene - Trichloro Ethane - Trichloro Ethylene + Trichloro Ethyl Phosphate - Trichloro Methane + Tricresyl Phosphate - Triethanol Amine - Triethyl Amine - Trifluoro-Silicane + Trinitro Plenol + Trisodium Phosphate + Trixylene Phosphate + Turnip Oil + Turpentine Oil
B + Barium Chloride + Barium Hydroxide + Barium Nitrate + Battery Acid + Beer + Bleach - Benzene - Benzyl Chloride + Borax + Butanoic Acid - Butyl Acetate + Butyl Alcohol - Butyl Aldehyde	H + Heating Oil + Hot water (158°F or less) - Hexanone - Hydrochloric Acid, conc. + Hydrochloric Acid, 10% max. - Hydrofluoric Acid, 10-14% + Hydrogen (ortho) Borate + Hydrogen Bromide + Hydrogen Peroxide + Hydrogen Sulfide - Hydraulic Fluids	O - Octane - Oxalic Acid, conc. + Oxalic Acid, diluted + Oxygenated Gasoline + Ozone	P + Paraffin Oil + Perchloric Acid, < 10 % - Perchloric Acid, 20 % + Petroleum - Phenol - Phenol, 10 % - Phosphate Esters - Phosphoric Acid, conc. + Phosphoric Acid, 10 % - Phosphoric Acid, 50 % - Phosphoryl Trichloride + Phthalic Acid - Propionic Acid + Potassium Aluminum Sulfate + Potassium Bicarbonate + Potassium Bromate + Potassium Carbonate + Potassium Chlorate + Potassium Chromium + Potassium Cyanide + Potassium Fluoride + Potassium Iodine + Potassium Iron Sulfate + Potassium Nitrate - Potassium Permanganate + Potassium Phosphate + Potassium Sulfate + Propyl Alcohol	U + Uric Acid + Urine
C + Calcium Chloride + Calcium Formate + Calcium Hydroxide + Calcium Hypochlorite + Calcium Nitrate - Carbon Sulfide - Carbon Tetrachloride + Castor Oil + Caustic (20% NaOH solution) + Chlorine (octa) Hydrate - Chloro - Benzene - Chromic Acid, conc. - Chromic Acid, 10 % + Citric Acid, conc. + Citric Acid, 10 % + Cobalt Chloride + Cobalt Nitrate + Cocoa Butter Oil + Copper Chloride + Copper Sulfate + Cyclo Hexanol - Cyclo Hexanone	I + Ind. Acid Cleaner (20% phosphoric + Iron Chloride + Iron Sulfate + Isanol	K - Kresol	S + Salicylic Acid + Sea Water + Silver Nitrate + Soap + Sodium Acetate + Sodium Bromate + Sodium Bromide + Sodium Carbonate + Sodium Chlorate + Sodium Chloride + Sodium Cyanide + Sodium Fluoride + Sodium Hydrochloride, 10% - Sodium Hydroxide, conc. - Sodium Hydroxide, 10% - Sodium Hydroxide, 10 - 50 % + Sodium Hypochloride + Sodium Nitrate + Sodium Perborate + Sodium Perchlorate - Sodium Peroxide + Sodium Silicate + Sodium Phosphate + Sodium Sulfate + Sodium Sulfide + Stearic Acid + Surfactant Powder + Sugar - Sulfuric Acid, 10 % or higher - Sulfuric Acid, conc.	V + Vinegar
D + Deicer (CaCl) + Diesel + Dibutyl Phthalate - Dimethyl Eniline + Dioctyl Phthalate	L + Lactic Acid, conc. + Lactic Acid, 10 % + Laundry Detergent + Lead Acetate + Linseed Oil + Lye (1N NaOH, Alkali)	M + Machine Oil + Magnesium Chloride + Magnesium Nitrate + Magnesium Sulfate + Manganese Chloride + Manganese Sulfate + Margarine + M-Digallic Acid + Mercury + Mercury Chloride - Methyl Acetate - Methyl Alcohol - Methyl Amine - Methyl Ethyl Ketone - Methyl Isotyl Ketone - Methylene Chloride + Milk + Mineral Oil + Mineral Water - Mixture of Hydrochloric Acid with Nutric Acid - Monostyrene + Muriatic Solution (5% HCl)	X - Xylene	Z + Zinc Chloride + Zinc Nitrate + Zinc Sulphate
E - Ethanol, conc. - Ethanol, < 50 % - Ether - Ethyl Acetate - Ethyl Glycol Acetate				

NOTE:

Chemical resistance equates to the length of contact time, the concentration, and the temperature of the chemicals. Impermitek's resin compatibility testing is typically conducted at 68° F (20°C) for a period of 60-days. Assessment of compatibility relates only to MMA Flash membranes and PMMA surfacing under normal exposure. High concentration and/or long-term exposure to certain chemicals should be avoided. Therefore, if chemical spills occur either directly or indirectly from leaking pumps, piping, equipment or handling of chemicals, these should be removed immediately from the surface of the Impermitek system and hosed-off with clean cool potable water. User and authorized Impermitek applicators must determine suitability.

DISCLAIMER

The purpose of this Guide is to provide fundamental information and important design and/or application considerations for Impermitek roofing, waterproofing and surfacing assemblies. Impermitek manufactures and sells roofing, waterproofing, and traffic surfacing materials and does not practice architecture or engineering.

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