

Below is extract of our Chemical Resistance Table showing principal substances likely to come in contact with industrial floors – for complete list contact Remmers Technical Department.

Chemical Resistance Table

Chemical Substance	Percentage Concentration	Viscacid® Epoxy Const. Resin	Viscacid® CR	Viscacid® CBR	Viscacid® PH	Viscacid® OS	Acolan® Sediment Resin
Acids							
Hydrochloric acid	5	●	●	●	●	●	●
Hydrochloric acid	10	●	●	●	●	●	●
Hydrochloric acid	C.32	●	●	●	–	●	–
Sulphuric acid	5	●	●	●	●	●	●
Sulphuric acid	10	●	●	●	●	●	●
Sulphuric acid	C.98	–	●	–	–	–	–
Phosphoric acid	5	●	●	●	●	●	●
Phosphoric acid	10	●	●	●	●	●	●
Phosphoric acid	85	●	●	●	–	●	–
Nitric acid	5	●	●	●	●	●	●
Nitric acid	10	●	●	●	●	●	●
Nitric acid	C.65	–	–	–	–	–	–
Acetic acid	5	●	●	●	●	●	●
Acetic acid	10	●	●	●	●	●	●
Acetic acid	C.98	–	–	–	–	–	–
Lactic acid	5	●	●	●	●	●	●
Lactic acid	10	●	●	●	○	●	●
Lactic acid	C.90	–	●	–	–	–	–
Formic acid	5	●	●	●	●	●	●
Formic acid	10	●	●	●	○	●	●
Formic acid	C.98	–	–	–	–	–	–
Propionic acid	5	●	●	●	●	●	●
Propionic acid	10	●	●	●	○	●	●
Propionic acid	C.100	–	–	–	–	–	–
Citric acid	5	●	●	●	●	●	●
Citric acid	10	●	●	●	●	●	●
Citric acid	saturated	●	●	●	–	●	●
Tartaric acid	5	●	●	●	●	●	●
Tartaric acid	10	●	●	●	●	●	●
Tartaric acid	50	●	●	●	●	●	●
Lyes							
Potassium hydroxide	5	●	●	●	●	●	●
Potassium hydroxide	10	●	●	●	●	●	●
Potassium hydroxide	50	●	●	●	●	●	●
Sodium hydroxide	5	●	●	●	●	●	●
Sodium hydroxide	10	●	●	●	●	●	●
Sodium hydroxide	50	●	●	●	●	●	●
Amines							
Triethanolamine	5	●	●	●	●	●	●
Triethanolamine	10	●	●	●	●	●	●
Triethanolamine	C.85	●	●	●	●	●	●
Cyclohexylamine	5	●	●	●	●	●	●
Cyclohexylamine	10	●	●	●	●	●	●
Cyclohexylamine	50	●	●	●	●	●	●
Triethylamine	5	●	●	●	●	●	●
Triethylamine	10	●	●	●	●	●	●
Triethylamine	100	●	●	●	●	●	●

Notes:

Changes in colours and the gloss degree that may result from contact with e.g. colourants or coloured substances, oxidating media or aggressive chemicals, mean a visual/optical defect and have no influence on the mechanical properties of the coating system.

Chemical Substance	Percentage Concentration	Viscacid® Epoxy Const. Resin	Viscacid® CR	Viscacid® CBR	Viscacid® PH	Viscacid® OS	Acolan® Sediment Resin
Alcohols							
Ethanol		●	●	●	●	●	●
Isopropanol		●	●	●	●	●	●
Aliphatic Hydrocarbons							
White Spirit K30		●	●	●	●	●	●
Chlorated Hydrocarbons							
Methylene chloride		○	○	○	○	○	○
Trichloroethane		●	●	●	●	●	●
Perechloroethylene		●	●	●	●	●	●
Tetrachloroethylene		○	●	○	○	○	●
Aqueous Solutions							
Water		●	●	●	●	●	●
Distilled water		●	●	●	●	●	●
Ammonium chloride solution	25	●	●	●	●	●	●
Ammonium chloride solution	saturated	●	●	●	●	●	●
Sodium carbonate	25	●	●	●	●	●	●
Sodium chloride solution	5	●	●	●	●	●	●
Sodium chloride solution	10	●	●	●	●	●	●
Sodium chloride solution	saturated	●	●	●	●	●	●
Sodium hydrogen carbonate		●	●	●	●	●	●
Sugar solution	5	●	●	●	●	●	●
Sugar solution	10	●	●	●	●	●	●
Sugar solution	saturated	●	●	●	●	●	●
Fuels & Oils							
Break fluid		●	●	●	●	●	●
Diesel		●	●	●	●	●	●
Heating oil EL		●	●	●	●	●	●
Hydraulic oil		●	●	●	●	●	●
Ketones							
Acetone		○	●	○	○	○	○
Methylisobutylketone		●	●	○	●	○	●
Cleaning agents / bleaches							
Hydrogen peroxide	1	●	●	●	●	●	●
Hydrogen peroxide	10	●	●	●	●	●	●
Hydrogen peroxide	20	●	●	●	●	●	●
Solvent V 101		●	●	●	●	●	●
Drinks							
Beer		●	●	●	●	●	●
Juices		●	●	●	●	●	●
Red wine		●	●	●	●	●	●
Coffee		●	●	●	●	●	●
Tea		●	●	●	●	●	●

Key:

- Corresponds to the requirements of stress grade **high** (test period 14 days).
- Corresponds to the requirements of stress grade **medium** (test period 3 days).
- Corresponds to the requirements of stress grade **low** (test period 8 hours).
- Resistant against short-term spillages
- Not resistant