Media	Temperature in °C	Glass-fibre composite material	Concrete	Polymer concrete
Acetone	RT	-	-	-
Battery acid (diluted sulphuric acid)	RT	+	-	+
Formic acid 10 %	RT	+	-	+
Ammonia 5 % aqueous Solution	RT	-	+	-
Ammonia 25 % aqueous Solution	RT	-	+	-
Ammonium salts, aqueous Solution	RT	+	-	+
Apple juice, aqueous Solution	RT	+	+	+
Malic acid	30	+	-	+
Barium salts, aqueous Solution	RT	+	+	+
Petrol, super and normal	RT	+	-	+
Benzene	RT	+	-	+
Succinic acid, aqueous Solution	RT	+	-	+
Beer	RT	+	-	+
Blood	RT	+	-	+
Boric acid	RT	+	-	+
Brake fluid	RT	+	-	+
Hydrogen bromide	RT	-	-	-
Butanol	RT	+	-	+
Butyric acid	RT	+	-	+
Butyric acid	40	-	-	-
Butyl acetate	40	-	-	-
Calcium salts, aqueous Solution	RT	+	-	+
Calcium hydroxide (lime milk)	RT	-	-	-
Chlorine, gaseous, moist	RT	-	+	-
Chlorinated lime, aqueous Solution	RT	-	-	-
Chlorinated water	RT	-	+	-
Chromic acid 10 %	RT	+	-	+
Cyclohexane	RT	+	-	+
Diesel oil	RT	+	-	+
Jet propellant	RT	+	-	+
Iron salts, aqueous Solution	RT	+	+	+
Developer	RT	-	-	-
Epoxy resins	RT	+	-	+
Petroleum	RT	+	-	+
Soil, acidic and alkaline	RT	+	+	+
Acetic acid 10 %	RT	+	-	-
Acetic acid 10 %	60	-	-	-
Ethanol	RT	-	+	-
Ethylbenzene	RT	+	-	+
Fatty acids (higher than C 12)	40	+	-	+
Fish oil	RT	+	-	+
Fixing bath	RT	+	-	+
Formaldehyde, aqueous Solution	RT	+	+	+
Fruit juices	RT	+	+	+
Glycol	RT	+	-	+
Glycol (ethylene glycol)	RT	+	-	+
Urea, aqueous Solution	RT	+	-	+
Fuel oil	RT	+	-	+
Humic acid	RT	+	-	+
Isopropyl alcohol (2-propanol)	RT	+	-	+
Potassium hydroxide solution 2.5 %	RT	-	+	-
Potassium permanganate 6%	60	-	+	-

Media	Temperature in °C	Glass-fibre composite material	Concrete	Polymer concrete
Calcium salts, aqueous Solution	RT	+	+	+
Silica hydrochloric acid	20	-	-	-
Carbonic acid, aqueous Solution	RT	+	-	+
Copper salts, aqueous Solution	RT	+	-	+
Linseed oil	RT	+	-	+
Magnesium salts, aqueous Solution	RT	+	+	+
Maleic acid, aqueous Solution	RT	+	-	+
Manganese salts, aqueous Solution	RT	+	-	+
Margarine	RT	+	+	+
Engine oil	RT	+	+	+
Sea water	RT	+	-	+
Sea water	60	-	-	-
Milk	RT	+	-	+
Lactic acid, aqueous Solution	RT	+	-	+
Mineral oils	RT	+	-	+
Mineral water	RT	+	-	+
Sodium hydroxide 40 %	40	-	+	-
Barium salts, aqueous Solution	RT	+	+	+
Wetting and cleaning agents	RT	+	-	+
Octane	RT	+	-	+
Octane	60	-	-	-
Oxalic acid, aqueous Solution	RT	+	+	+
Oxalic acid, aqueous Solution	60	-	+	-
Oleic acid	RT	+	+	+
Paraffin oil	RT	+	+	+
Perchloric acid	RT	-	-	-
Petroleum ether	RT	+	+	+
Kerosene	RT	+	+	+
Phosphoric acid 10 %	RT	+	-	+
Phosphoric acid 10 %	60	-	-	-
Phosphoric acid 50 %	40	-	-	-
Ricinus oil	RT	+	+	+
Crude oil	RT	+	+	+
Salicylic acid, aqueous Solution	RT	+	-	+
Nitric acid 10 %	40	-	-	-
Hydrochloric acid 20 %	40	-	-	-
Greases	RT	+	+	+
Sulphuric acid 30 %	RT	+	-	-
Silicone oil	RT	+	+	+
Tetrachloroethylene	RT	+	+	+
Carbon tetrachloride	RT	-	+	-
Thioglycolic acid	RT	-	-	-
Trichloroethylene	RT	-	+	-
Detergent, commercially available 5%	RT	+	+	+
Water dist.	RT	+	+	+
Water dist.	60	-	+	-
Wine	RT	+	+	+
Zinc salts, aqueous Solution	RT	+	-	+
Tin salts, aqueous Solution	RT	+	-	+
Citric acid, aqueous Solution	RT	+	-	+
Citric acid, aqueous Solution	60	-	-	-
Sugar	RT	+	+	+

+ = resistant - = not resistant RT = room temperature (25°C) Polymer concrete = MEA polymer concrete with polyester resin as binder. Glass fibre composite = glass-fiber-reinforced unsaturated polyester

> **NOTE** If there are deviations regarding temperature, concentration and purity of the listed media, a technical consultation by the MEA-centre Aichach will be required!
Glass-fibre-reinforced composite material is resistant to short-term exposure to inorganic acids and subsequent water rinsing.