



POLYMER CONCRETE TRENCH DRAIN CHEMICAL RESISTANCE

Chemical	Concentration	Long Term exposure	Short Term Exposure 24 hours
Acetaldehyde	100%	NR	NR
Acetic Acid	30%	NR	R
Acetone	10%	NR	R
Ammonia	10%	NR	R
Aniline	100%	NR	R
Benzene	100%	NR	R
Boric Acid	100%	R	R
Butyric Acid	25%	R	R
Butyl Alcohol	100%	R	R
Calcium Chloride	100%	R	R
Calcium Hydroxide	100%	NR	R
Caster Oil	100%	R	R
Chloric Acid	5%	NR	R
Chromic Acid	5%	R	R
Citric Acid	100%	R	R
Diesel Fuel	100%	R	R
Ethanol	100%	NR	R
Ethlendiamine	100%	R	R
Ethyl Acetate	100%	NR	R
Ferrous Sulfate	30%	R	R
Fluorallic Acid	10%	R	R
Formaldehyde	35%	R	R
Formic Acid	10%	NR	R
Fuel Oil	100%	R	R
Gasoline	100%	R	R
n-Heptane	100%	R	R
n-Hexane	100%	R	R
Hydraulic Oil	100%	R	R
Hydrochloric Acid	10%	R	R
Hydrofluoric Acid	5%	NR	R
Lactic Acid	10%	R	R
Methanol	5%	NR	NR

Chemical	Concentration	Long Term exposure	Short Term Exposure 24 hours
Methyl Amine	100%	NR	R
Methyl Ethyl Ketone	100%	NR	R
Mineral oil	100%	R	R
Monochlor Benzene	0.05%	NR	NR
Monochloroacetic Acid	10%	R	R
Nitric Acid	10%	NR	R
n-Nonane	100%	R	R
Iso-Octane	100%	NR	R
Petrol	100%	R	R
Phenol	100%	NR	R
Phosphoric Acid	10%	R	R
Potassium Hydroxide	10%	NR	NR
Sodium Acetate	100%	NR	R
Sodium Carbonate	20%	R	R
Sodium Chloride	100%	R	R
Sodium Hydroxide	15%	NR	R
Sodium Hypochlorite	5%	R	R
Sulfuric Acid	40%	R	R
Tetrafluoroborsaurer	20%	NR	R
Toluene	100%	NR	R
Trichloroethylene	100%	NR	NR
Triethylamine	100%	R	R
Water (Deionised)	100%	R	R
Water (Demineralised)	100%	R	R
Xylene	100%	NR	R

NR: Not recommended
R: Resistant

The maximum recommended temperature is 75C / 167F
These recommendations are given for guidance use only.
In applications exposed to corrosive and aggressive media, especially if the medium is not listed, please contact the ULMA Technical Department (+34 943 780 600) to check the suitability of the grating, screw, bucket, edge and locking system.