

zandleven coatings

voor Monopox HB / Acraton systems

Epoxy coatings with polyamide adduct hardener

Monopox HB / Acraton systems are in general good resistant against aliphatic and aromatic hydrocarbons, crude of refined oil, vegetable and animal greases and also big variety in other solvents and chemicals.

Chlorinated solvents in general cause a worse resistance.

Monopox HB / Acraton systems are good resistant against alkaline solutions, in general also in high concentrations. For application in high concentrations organic and mineral acids it is advisable to ask advice to the technical service department of Zandleven

The selection of an optimum paint system in a particular environment is in general very specialised, ask for this advice to the technical service department of Zandleven.

Subjoined a list of various products and chemicals, which are tested, in general at room temperature. It is impossible to be complete, the purpose is to give a broad insight and to simplify the choice of the coating system.

- ++ resistant
- + limited resistant
- not resistant
- v discoloration

Acetic acid (CH ₃ COOH)	-	Coal tar	++
Acetic acid 10%	-	Coconut oil	++
Acetone	-	Crank case oil	++
Alcohol	-	Creosote	-
Alcohol/water 1:1	++	Cresol	-
Ammonia 10% (NH₄OH)	++	Crude oil	++
Aniline	-	Cyclo hexane	++
Aromatic turpentine	++	Cyclo hexanol	++
Automobilegasoline	++		
Aviation gasoline	++	Diacenton alcohol	+
5		Dibutyl phtalate	++
Beer	++	Dieseloil	++
Benzine	++	Diethanol amine	-
Bleaching agent	+	Diethanol triamine	-
Brine 10%	++	Diethylene glycol	++
Butanol	+	Dimethyl fomamide	-
Butylacetate	+	Diotyl phtalate	+
Benzylbenzonate	++	Dipropylene glycol	++
•		Dipentane	+
Calcium chloride	++	Dodecyl benzene	++
Caprolactam	++		
Carbon tetrachloride	++	Epichlor hydrin	-
Cardanoil	++	Ethanol	+
Castor oil	++	Ethanol amine	-
Caustic soda (NaOH)	++	Ethyl acetate	+
Chloroform	-	Ethylene diamine	-
Chlorinated bleaching lye	-	Ethylene glycol	++
Chromic acid solution 50%	++v	Ethylglycol	+
Cleaning preparation synth.	++	Ethylglycol acetate	+



Fish	oil

++

Palm oil

++

Elexon sulphon acid	+v	Paraffin	++
Formalin 36%	+	Pelargon acid	++
Formic acid 25%	+V	Pentane	++
Fruit juice	++	Perchloorethylene	
		Petroleum	++
Gasoline (car. aircraft)	++	Phenol	
Clucose	++	Phenol in water/alcohol 50%	
Chaoring	++	Phenoharia asid 95%	-
Croundputoil		Phoenbaria asid 10%	-
Groundhuloir	тт	Photo chomicale	т 1 1 у
Llautana		Photo chemicais	++v
Heplane	++	Pine oli Debraransilaria shiraal	++
Haxane	++		+
Hexanol	+	Propanol	+
High-flash naphta	++	Propylene glycol	++
Hydrochloric acid 25% (HCI)	-		
Hydrochloric acid 10%	+v	Rape seed oil	++
		Rubber latex	++
Isopropanol	++		
		Seawater	++
Kerosine	++	Shellsol A-E-R-T	++
		Soap solution	++
Lanoline	++	Soda lye (see Sodium hydroxide)	
Lime	++	Sodium hydroxide 10% (NaOH)	++
Linseed oil	++	Sodium hydroxide 33%	++v
Linseed oil fatty acid	+	Solvesso 100-150-200	++
-		Soya-been oil	++
Melasse	++	Spindeloil	++
Mercury	++	Styrene	+
Methylalcohol	+	Sulphuric acid 65% (H₂SO₄)	-
Methylacetate	+	Sulphuric acid 25%	-
Methylcvanide	-	Sulphuric acid 10%	+v
Methylcvclohexane	-		
Methylcyclohexanol	++	Talloil fatty acids	+
Methylcyclohexanone	_	Tar	++
Methylethykketone	_	Teenol	++
Methyl-isobutylketone	_	Toluene	++
Methylene-chloride		Trichloorethylene	
Mineral oils	++	Triethanolamine	++
Mono ethylene divcol	++	Triethylbenzene	++
wono curyiche giyeoi		Triothylono glycol	
Nanhtania agid	11		
Napriteriic aciu	++	Turpoptino oil	++
Nicker Supriate 50%			
Nillic acid 30% (HINU3)	-	Vereteble eil	
	-		++
Nitropropane	-	Vinylacetate	-
Noxyl alcohol	++	Vinyitoluene	++
Noxyl phenol	++		
		Water	++
Octanoles	++	vvater/alcohol 1:1	++
Oleic acid	++	Whale oil	++
Olive oil	++	Whine	++
Oxitol (ethylglycol)	+		
		Xylene	++

These data have been drawn up to the best of our knowledge and were correct at the date of issue. However we cannot accept full responsibility, because de choice of products and circumstances during elaboration of the systems fall outside our judgement. This documentation sheet will not automatically be replaced in case of modification.