

## Annex A (informative)

### Information about chemical resistance

Table A.1 describes the chemical resistance of bitumen in contact with commonly occurring substances.

Table A.1 — Chemical resistance of bitumen

Substance	Concentration %	Temperature ≤ 30 °C	Temperature ≤ 65 °C
<b>Inorganic acids</b>			
Sulphuric acid	< 25	+	+
	≥ 25 and ≤ 95	+	o
	> 95	-	-
Oleum		-	-
Nitric acid	< 10	+	o
	≥ 10 and ≤ 65	o	o
	> 65	-	o
Hydrochloric acid	< 25	+	+
	≥ 25 and ≤ 36	+	o
	> 36	o	-
<b>Organic acids</b>			
Formic acid	40	+	o
Benzoic acid		+	
Butyric acid		-	-
Acetic acid	25	+	
Oleic acid		-	-
Oxalic acid		+	+
Phenols		-	-
Phthalic acid		+	
Tartaric acid	< 25	+	+
	≥ 25	+	
Citric acid		+	+
<b>Inorganic bases</b>			
Ammonium hydroxide		+	+
Potassium hydroxide		+	o
Sodium hydroxide		+	o
<b>Organic bases</b>			
Pyridine and derivatives		-	-
Triethanolamin		+	
<b>Salt solutions</b>			
Chlorides		+	+
Nitrates		+	+
Sulphates		+	+
<b>Different substances</b>			
Drinking water		+	+
Beer		+	
Glycol		+	+
Molasses		+	+
Sugar		+	+