



DURACON[®]

Chemical Reference Table

Acids	Result
Formic acid 10%	+
Formic acid 30%	0
Boric acid 3%	+
Chromic acid 20%	+
Chromic acid 40%	-
Acetic acid 25%	+
Acetic acid 30%	0
Acetic acid 80%	-
Fatty acid (tall oil)	+
Lactic acid 90%	+
Oxalic acid 10%	+
Phosphoric acid 40%	+
Phosphoric acid concentrated	0
Nitric acid 10%	+
Nitric acid 30%	0
Nitric acid concentrated	-
Hydrochloric acid 37% (conc)	+
Sulfuric acid 50%	+
Sulfuric acid concentrated	-
Tartaric acid 50%	+

Alcali	Result
Aluminium hydroxide	+
Amines	0
Ammonia 10%	+
Ammonia 25%	0
Potassium hydroxide 50%	+
Lime milk	+
Sodium hydroxide 30%	+
Caustic soda	+

Organic substances	Result
Acetone	-
Aromas	-
Petrol (gasoline) normal	0

Organic substances	Result
Petrol (gasoline) medium	0
Benzene	-
Brake fluid	-
Butanol	0
Butylacetate	-
Butylether	-
Chloroform	-
Cyclohexane	0
Dibutyl phthalate	0
Diesel	+
Dieseloil	+
Diethylether	-
Diocetyl phthalate	0
Ethanol	0
Formaldehyde 37%	+
Glycerine	0
Heptane	+
Hexane	+
Isopropyl alcohol	0
Kerosene	+
White Spirit	+
Methanol	-
Methylene chloride	-
Monochlorbenzene	0
n-propyl alcohol	0
n-propyl acetate	-
Perchlorethylene	-
Petroleum	+
Phenol	0
Styrene	-
Terpentine	+
Mineral spirits	0
Solvent naphtha	+
Tetrachloro-hydrocarbons	-
Trichlorethylene	-
Toluol	-
Xylol	-



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Chemical Reference Table

Other	Result
Effluent (faeces)	+
Ammonium chloride solution - saturated	+
Ammonium sulphate solution - saturated	+
Beer	+
Bleach	+
Blood	+
Cutting oils	0
Calcium chloride solution - saturated	+
Chlorine water	+
"FEWA"	+
Stain remover	-
Fruit juice	+
Antifreeze	+
Vegetable juice	+
Hydraulic fluid	0
Coffee	+
Potassium chloride solution - saturated	+
Copper sulphate solution - saturated	+
Linseed oil	+
Tap water	+
Lake water	+
Milk	+
Mineral oil	+
Mineral water	+
Sodium carbonate saturated	+
Sodium chloride saturated	+
Sodium hypochlorite 15%	+
Olive oil	+
"Persil"	+
"Pril"	+
"REI"	+
Ricinus oil	+
Crude oil	+
Ammonia	+
Lard	+

Soap solution	+
Silicone oil	+
Soda	+
Vinegar	+
Black tea	+
Dog urine	+
Animal fat	+
Deionized water	+
Water 70°C	0
Hydrogen peroxide 30%	+
Hydrogen peroxide 80%	0
Wine	+
Brandy	+
Whisky	0

Symbol

Meaning of symbol

- | | |
|---|--|
| + | = Resistant: immersion test showed no signs of damage to the Duracon floor covering with these chemicals |
| 0 | = Limited resistance: short period loads (1-6 hours) are permissible |
| - | = Not resistant: damage may occur even after short periods of exposure |

Remark:

Some chemicals can lead to discolouration, without damaging the floor. This evaluation in the above table should only be regarded as a general guideline. The resistance of the coating may be influenced by application conditions and increased temperatures. It may be advisable to perform a test if any doubts on a specific chemical resistance arise.