

Chemical resistance list

for Powder Coat Type F, FGG, FGS
5900, 5901, 5902, 5903, 5904, 5906, 5910, 5911,
5918, 5919, 5921

Testing medium	Resistance
acetone	not resistant
formic acid (10%)	2 weeks
butanol	1 day
brake fluid	1 month
decaline	1 month
ethyl acetate	1 minute
acetic acid (10%)	1 month
hydroquinone (10% water based)	1 month
MEK (methyl ethyle ketone)	not resistant
methylene chloride	not resistant
mono ethylene glycol	2 weeks
sodium thiosulphate (10% water based)	1 month
caustic soda solution (10%)	24 hours
phosphoric acid (10%)	1 month
hydrochloric acid (10%)	2 weeks
sulphuric acid (38%)	1 month
regular-grade petrol (unleaded)	5 minutes
diesel fuels	1 month
xylene	10 minutes
motor oil / engine oil	1 month
hydraulic oil	1 week

Condition of testing

The test takes place at room temperature on a powder paint coated, iron phosphated, steel sheet. A piece of filter paper is soaked with the testing substance and placed on the surface and covered with a glass dish for the duration of the examination time.

Test method / test period

The above values are based on the minimum time requirement. The testing was concluded after a month. The assessments are judged on blistering, layer removal, softening or another impairment. A change within the surface gloss or colour are not taken into consideration.

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Indication

These results reflect the present level of our knowledge, but the applicator is obliged to carry out tests on the surface for compatibility.

Remark

When a new version of this Data Sheet appears with updated information the previous version loses its validity.
Version 1