

Chemical resistance list

for Premium Polyester Powder 5939

Test medium	Durability
Acetone	not resistant
Formic acid (10 %)	3 weeks
Butanol	1 month
Brake fluid	1 week
Decalin	1 month
Ethyl acetate	not resistant
Acetic acid (10 %)	1 month
Hydroquinone (10 % aqueous)	1 month
MEK (methyl ethyl ketone)	not resistant
Monoethylene glycol	1 month
Sodium thiosulfate (10 % aqueous)	1 month
Sodium hydroxide (10 %)	24 hours
Phosphoric acid (10 %)	1 month
Hydrochloric acid (10 %)	1 month
Sulfuric acid (38 %)	1 month
Regular Petrol (unleaded)	10 minutes
Diesel fuel	1 month
Xylene	1 minute
Motor oil	1 month
Hydraulic oil	1 month

Test conditions

The tests were carried out on powder-coated, iron-phosphate coated steel sheets at room temperature. For this purpose, filter paper soaked with the test medium was applied and covered with a watch glass over the test period.

Test method | test period

The values given refer to minimum durations. The tests were completed after one month at the latest.
It was assessed whether blistering, detachment, softening, or other lasting impairment occurred.
A change in gloss and discoloration were not taken into account.

Notice

These results correspond to our previous experience and do not release the user from carrying out their own tests.

Remark

This technical information is based on extensive development work and years of practical experience. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. Our general terms and conditions also apply.

Upon publication of a new version of this technical information as a result of new technical developments, all of the information provided above shall become invalid. You can obtain the latest version from your Brillux contact partner or at www.brillux-industrielack.de, as required, Version 1.

Brillux GmbH & Co. KG Industrielack
Otto-Hahn-Straße 14
59423 Unna, Germany
Tel. +49 2303 8805-0
Fax +49 2303 8805-119
info@brillux-industrielack.de
www.brillux-industrielack.de