



CHEMICAL RESISTANCES

Technical Data TD116

Chemical contact tests have been carried out on the full range of Reepol flooring products, the details of which are summarised below. All tests were effected on fully cured samples being cast coupons 50 x 50 x 2mm

The key to the performance ratings is as follows:

E - Excellent, expected to be adequately protecting the substrate after long periods of immersion (e.g. 5-10 years)

VG - Very good, expected to be unaffected after 2 years' immersion but may fail thereafter.

G - Good, unaffected after 1 year but may begin to fail thereafter.

F - Fail, unaffected after 3-6 months' immersion, thereafter failure is likely to occur.

NR - Not resistant, failure will occur in most cases fairly rapidly, certainly within a month of immersion.

NE - Not evaluated or tested

It should be noted that these tests consider total immersion conditions and as such represent the most severe contact conditions. In most practical applications, the contact with chemicals is only on the uppermost surface and even then intermittently throughout the working day after which they become diluted or are flushed away. Resultantly many of the NR classifications will offer adequate resistances where 'good housekeeping' is practised. Similarly, strong organic solvents, which possess highly volatile characteristics, are likely to evaporate from a floor surface before causing deleterious effects.



If doubt exists as to the suitability of Reepol flooring products, please contact our Technical Department who will be pleased to give advice based upon experience of previous case histories.

Product groups have been categorised into generic resin types; this also being covered by film thickness:

Group A

- Epoxy based products:

Primers, sealers, coatings, self-smoothing systems, screeds sealed with epoxy product system or coating.

Group B

- Flexible epoxy based products (FX)

Group C

- Water thinable epoxy based products

Group D

- Polyurethane based products:
Self-smoothing systems and screeds

Group E

- Polyurethane based sealers & coating