

Permashake Alloy

Dry-Shake Topping

DATASHEET ISSUE 1.2

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CHEMICAL RESISTANCE

Permashake Alloy Dry Shake coloured concrete floor topping has been tested against the following list of industrial solvents/chemicals and found to be resistant to them:

- Alkaline Degreaser
- Alkaline Detergent
- Anti-freeze (Ethylene Glycol)
- Bleach
- Brine
- Cutting Fluid
- Diesel
- Distilled Water
- Engine Oil
- Ethanol
- Hydraulic Oil
- Neutral Detergent
- Printing Ink
- Skydrol
- Acetone (with no Acetic Acid impurity)
- Butanol
- Carbon Tetrachloride
- Ethanol
- Ethyl Ether
- Isopropanol
- Methanol
- MEK
- MIBK
- Paraffin
- Petrol
- Toluene
- White Spirit

NOTES:

Permashake Alloy has in general excellent resistance to chemicals with the exception of acids, nitrates and sulphates. The resistance to industrial solvents is usually better than that of epoxy and most other resins.

Curing agents - Permaseal or Aquacure - are used when installing Permashake Alloy. The function of the curing agent is only temporary and is to retain moisture in the concrete slab in the first weeks thereby producing a better concrete. Where there is a residual surface excess of this curing agent remaining after that period it may be softened by the solvents (only if Permaseal is used). By then it will have fulfilled its purpose and any excess curing agent is designed to gradually disappear during normal operations.