

StrataShield PU Solvent

Solvent for viscosity adjustments and tool cleaning

Product overview

StrataShield PU Solvent is a specially formulated solvent mixture, suitable for in-situ viscosity adjustments and tool cleaning. It is fully compatible with the solvent-based StrataShield range of products.

Technical characteristics

Properties	Unit / Description
Chemical description	Organic solvents mixture
Physical state	Liquid
Packaging	Metal containers: 4 / 9 / 20 kg
Flash point	26°C
Colour	Colourless
Density	0.86 g/cm ³ (20°C)
Viscosity (Brookfield)	> 1.s (20°C)
VOC content	860 g/l, 100%
Storage	Keep at temperatures below 35°C, away from sources of ignition.
Use before	12 months after date of manufacture

Application guidelines - as a thinner

Pour the solvent into the original product to be thinned or into the application container. Mix with a low speed stirrer, avoiding excessive bubble formation. Use the product normally, or keep it in a suitable container.

It is not recommended to use more than a 5% of solvent for thinning without checking for possible retraction defects during curing. The following table gives approximate values for viscosity decreasing in StrataShield samples.

Solvent Added (%)	Viscosity (initial = 100)
0	100
1	58
2	43
3	33
5	23

As a general rule, opened containers of StrataShield products should be used completely. Nevertheless, a diluted product may be kept in tightly sealed containers, avoiding as much empty headspace as possible.

Application guidelines - tool cleaning

Dip the tools into a suitable container filled with the StrataShield PU Solvent. Keep cleaning them until the waste has dispersed and rinse off the tool thoroughly immediately afterwards.

If the tool is exposed to evaporation without being cleaned / rinsed first, the dispersed residues may deposit again onto the tool and will eventually harden. StrataShield PU Solvent cannot be used to clean hardened residues.

Caution: StrataShield PU Solvent can damage some plastics.

Health and safety

StrataShield PU Solvent contains flammable solvents. Always follow the instructions provided in the material safety data sheet and take the precautions described there.

Environmental considerations

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorized waste manager.

Further information

The information contained in this datasheet, along with any advice provided (either written or verbal) through testing are based on our experience and do not constitute any product guarantee for the installer.

We recommend that all of the information provided is carefully studied before proceeding with application, and strongly advise that suitable tests are carried out onsite before application in order to determine the suitability and compatibility for the specific project.

The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. As a result, the installer will be solely responsible for any damage derived from the partial or complete disregard of our guidance or the general mis-use of any of our materials.