

StrataShield Pigment Paste

Solvent-based pigment paste for polyurethane resins

Product overview

StrataShield Pigment Paste is a solvent-based paste specifically designed for use with the StrataShield range of aliphatic polyurethane resin top coats.

StrataShield Pigment Paste is delivered in a pre-dosed quantity, helping to ensure a colour-stable top coat finish in line with RAL specifications.

Technical characteristics

Properties	Unit / Description
Chemical description	Pigment dispersion, as a paste, solvent-based.
Density	1.1 g/cm ³
Viscosity (Brookfield)	2000 mPa.s (23°C)
VOC content	320 g/l, 65%
Flash point	>200°C
Available colours	Light Grey RAL 7001 Dark Grey RAL 7011 Pebble Grey RAL 7032
Mixing ratio	StrataShield Pigment Paste is delivered in a pre-dosed amount, ready to mix with the relevant containers of StrataShield resin.
Packaging	Plastic containers: 0.8 kg
Storage	Keep at temperatures between 5°C and 40°C, in a dry place.
Use before	12 months after date of manufacture

General requirements

Follow general instructions on substrate preparation and application conditions as stated for each StrataShield product. The typical quantity applied of pigmented topcoats is approximately 250 g/m².

Mixing

Stir and disperse the StrataShield Pigment Paste before addition. For a homogeneous mixture, it is recommended to add a small quantity of the resin to the Pigment Paste, mixing for some minutes before transferring to the original resin container, thus reducing pigment loss.

Stir and disperse the combined mixture regularly during application in order to ensure colour stability of the final product.

Further guidance

Question	Observation / Answer
Can I use a different amount of Pigment Paste?	StrataShield Pigment Paste is already delivered in the correct ratio. If an excessive amount is used, film properties of the curing process may be adversely affected.
Why doesn't the colour of the paste match with the RAL?	The composition has been adjusted to give the right colour after mixing with the resin. Pigment colour before mixing may differ.

Health and safety

StrataShield Pigment Paste contains flammable solvents. Always follow the instructions provided in the material safety data sheet and take the precautions described therein. As a general rule, suitable ventilation must be ensured and any skin contact avoided. This product is intended for professional use only.

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.