




Technical data sheet

STP FLOW

Sprayable Sealant

DESCRIPTION	
<p>STP FLOW is an innovative car body protection coating, based on the STP pre-polymer. STP FLOW forms a durable and permanently elastic coating with excellent anti-gravel and sound-deadening properties. STP FLOW can be applied by air spraying, to render a finish that helps restore the texture of the OEM anti-gravel chassis coating. STP FLOW is based on a state-of-the-art hybrid resin production process, which matches the high strength of polyurethane with the flexibility, high adhesion and weather resistance typical of siloxane formulations. STP FLOW is isocyanate-free for exceptional processing without exposure to toxic ingredients. STP FLOW is easy to apply, featuring good stability and high substrate adhesion.</p>	
PROPERTIES	
Curing action	absorption of ambient moisture
Density	1.50 g/cm ³
Hardness, Shore A	50
Tensile strength (PN ISO 527)	1.0 MPa
Ultimate elongation (PN ISO 527)	100%
COATABILITY	
<p>Coatable with water-borne and solvent basecoats once the skin has cured and for 10 days after.</p> <p>If coated later than 10 days after the application of the STP, it is recommended to wipe it with the PLUS 780 or EXTRA 785 degreaser, followed by applying the PLUS 700 or PLAST 705 adhesion increasing agent.</p> <p>Do not exceed the maximum decorative coating thickness of 60 µm, as the STP FLEX remains highly elastic. Otherwise, the paint coat applied to the STP may develop cracks.</p> <p>STP FLOW is not suitable for coating with alkyd coats or any coats with anaerobic curing action.</p>	
CAUTION	
<p>Do not apply sealant directly on top wash primers or one-component acrylic, epoxy and nitrocellulose products.</p>	
SUBSTRATES	
Steel	Degrease, sand with P120, and degrease again.
Galvanized steel	Degrease, matt with an abrasive finishing pad, degrease.
Aluminium	Degrease, matt with an abrasive finishing pad, degrease.
Two-component acrylic primers	Sand with P360 and degrease.
Two-component epoxy primers	Sand with P360 and degrease.
Concrete	Remove all dirt and contaminants first.
Glass	Degrease.



VOC CONTENT		
VOC II/B/e limit*	840 g/l	
Actual VOC	99 g/l	
* For ready to apply mixture acc. to EU Directive 2004/42/EC		
APPLICATION		
Recommended application temperature: 15°C to 25°C. Operate the piston to feed out 1 to 2 cm of the product before installing the cartridge in the spray gun. The sealant is applied with special spray guns that must be operated according to their manufacturers' guidelines.		
DRYING TIME		
	Skin formation time	15 minutes at 21°C, RH 50%
	Curing time	ca. 4 mm/24h at 21°C, RH 50%
COLOUR		
White, ochre, grey, black		
EQUIPMENT CLEANING		
NC cleaners, ethyl acetate (until cured) Removal with power tools (once cured)		
STORAGE CONDITIONS		
Store in a dry room, away from sources of fire and heat.		
SHELF LIFE		
STP FLOW	12 months at 20°C in originally sealed cartridges.	
SAFETY		
See the Safety Data Sheet.		
OTHER INFORMATION		
Registration number: 000024104 The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to perform a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.		