KS-50.2

Brushable Body Sealant

V01
02/2025

Description

- Flexible 1K brushable body sealant
- Free from aromatics, polymer-based
- Brushable and paintable

Area of application

- Sealing joints and seams (bolted, riveted, or spot-welded) on moving parts
- Sealing edges, connections, and seams on bonnets, doors, and other body components

Benefits

- Universal joint and seam sealing
- Brushable (brush structure remains visible)
- Paintable
- Sound-dampening
- Permanent adhesion

Product Data

Chemical Base:	1K rubber-resin mixture / free from aromatics	
Colour:	Grey	
Curing Mechanism:	Solvent emission	
Viscosity:	Paste-like, brushable, high stability; approx. 2,400 Pa.s Brookfield	
Specific Gravity:	1.13 g/cm³	
Drying at 20°C and 50% RH:	approx. 30 – 60 minutes	(approx. 2000µm wet)
Full Curing at 20°C:	approx. 24 – 48 hours	(approx. 2000µm wet)
Consumption:	approx. 2.3 kg/m²	(approx. 2000µm wet)
Solid Content:	approx. 62%	
Temperature Resistance:	-25°C to +80°C	
Storage Stability:	At least 24 months under optimal conditions in the original container. Do not store below +10°C or above +30°C.	
Application Temperature:	Between 15°C and 25°C	
Tools:	Firm (nylon) brush	
VOC Content (EU):	2004/42/IIB (c) (540) < 540 g/l	

Chemical Resistance

Resistant to:	Water, salt spray, oil, mild alkalis and acids
Salt Spray Test (DIN 50021):	Up to 480 hours, Ri 0 at 1250µm dry film thickness

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Handling

Surface preparation:

The surface must be dry, clean, and free from rust and grease. The surface temperature should be between 15°C and 25°C. Air pockets should be avoided during application. Skin formation occurs after approximately 30 minutes, and full curing is achieved within 1–2 days (depending on layer thickness, temperature, and humidity). Due to the variety of paints available on the market, compatibility should be tested before painting. Cleaning of surfaces and tools can be carried out with solvents while the product is still in its liquid state.

Caution: Do not apply to engines, exhaust systems, or functional components such as axles, springs, or shock absorbers.

Safety issues

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.