



DEKASYL MS-6

Universal sealant & adhesive

DEKASYL MS-6 is a universal elastic sealant and adhesive based on MS-polymer with excellent adhesion (without special pre-treatment) to many materials used in OEM caravans and motorhomes. As well as on spare parts such as painted side panels, plastic parts and metals. Due to its high elasticity and low hardness, applications are mainly in the sealing area. However, DEKASYL MS-6 can also be used for bonding applications if high force transmission is not required.

DEKASYL MS-6			
Art. No.	Size	Container	Colour
3274334	310 ml	Cartridge	White

Your advantages:

- Excellent adhesion to many substrates (without special pre-treatment)
- No solvents, isocyanate, silicone or PVC
- Excellent UV- and ageing resistance
- Neutral, odourless and fast curing
- Long tooling time
- Suitable for sanitary facilities (mould resistant)
- Temperature resistant from -40°C to +90°C
- Compatible with most industrial painting or lacquering systems and with both alkyd resin and emulsion paints (due to the large number of different types of industrial paints, we recommend a compatibility test)

DEKASYL MS-6 Universal Sealant & Adhesive

Technical details

Product description

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Applications

- Elastic sealings in e.g. caravan- and camper construction.
- Sealing of connection joints of windows, doors, roofs and floor applications.
- Elastic sealings in sanitary areas.
- Bonding and sealing of spoilers.

How to use

DEKASYL MS-6 can be easily applied using a manual gun or a compressed air gun at temperatures from +5°C to 35°C. For sealing, DEKASYL MS-6 should be worked or smoothed within 30 minutes (at 20°C/50% R.H.) using a spatula or putty knife previously immersed in mild DEKAFINISHER. Do not allow DEKAFINISHER to penetrate between the bonding sides and the sealant as this will lead to a loss of adhesion. For bonding, the substrates must be put together within 35 minutes (at 20 °C/50% R.H.) after application of DEKASYL MS-6. The higher the temperature, the less time the product remains workable. In general, a 2-mm layer of adhesive is recommended for bonding similar materials (similar firmness). The greater the difference in thermal expansion, the thicker the layer of adhesive should be. For further information on this point, please contact DEKALIN.

At a temperature of 20°C and a relative humidity of 50%, DEKASYL MS-6 can usually be coated with most industrial paints after 30 minutes. The best possible adhesion of paint layers will be achieved if the paint is applied 4 hours after using DEKASYL MS-6. Clean the tools or remove uncured DEKASYL MS-6 residue with a clean, colourless cloth soaked in a cleaning agent such as DEKACLEAN ULTRA (we recommend testing in advance whether the cleaning agent damages the surface).

Adhesion

In general, DEKASYL MS-6 adheres well to clean, dry, dust and grease-free substrates made of aluminium, stainless steel, galvanised steel, zinc, copper, brass, powder-coated metal, most coated metal surfaces, several plastics, glass, PVC, polyester (GRP), painted and lacquered wood, etc. without primer. No adhesion without pretreatment on polyethylene, polypropylene, and Teflon®. We recommend to clean the substrates with DEKACLEAN ULTRA (a preliminary adhesion test is recommended). For the properties of substrates that are not on the list and for more detailed information, please contact your Dekalin customer service directly.

Storage

DEKASYL MS-6 may be stored for 18 months in a closed (unopened) packaging in a dry place at temperatures between +10°C and +30°C.

Safety precautions

Please consult our current material safety data sheet for further information.

Transport classification

Not applicable.

Technical data

Colour (standard)	white
Base material	MS Polymer
Curing/setting	Humidity
Specific density	approx. 1.48 kg/l
Skin formation time (20 °C/50% R.H.)	approx. 30 minutes
Open time (20 °C/50% R.H.)	< 35 minutes
Cured after 24 h (20 °C/50% R.H.)	approx. 3 mm
Shore A hardness (DIN 53505)	approx. 32
Volume change (DIN 52451)	< 3%
Tensile stress at break (DIN 53504/ISO 37)	approx. 1.6 MPa
Elongation at break (DIN 53504/ISO 37)	approx. 600%
Solvent component	0%
Isocyanate component	0%
Temperature resistance	-40 °C to +90 °C
Application temperature	+5 °C to +35 °C
UV and weathering resistance	Excellent
Container sizes	310 ml cartridge, other containers on request

Consult the safety data sheet

or the container label for safety notes.