



## DEKASYL MS-7

### Elastic, crystal clear sealant

DEKASYL MS-7 is a good compromise between an adhesive and a sealant. DEKASYL MS-7 is used for creating transparent elastic bonds. DekasyL MS-7 is based on Silyl Modified Polymer.

DEKASYL MS-7			
Art. No.	Size	Container	Colour
62561 34	290 ml	Cartridge	Transparent / Crystal clear
32561 77	290 ml	Cartridge	Transparent / Crystal clear

### Your advantages:

- **Crystal clear**
- **Color stable, non-yellowing**
- **Exceptional thixotropy, non-sagging, short cut off string**
- **Excellent UV resistance and ageing resistance**
- **No solvents, isocyanate or PVC**
- **Temperature-resistant from -40°C to +100°C**
- **Neutral, odourless and fast-curing**
- **Can be coated (wet on wet) after the skin forms; this does not generally impede curing**

## DEKASYL MS-7 Elastic, crystal clear sealant

### Technical Details

#### Product description

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#### Applications

- Elastic bonds and sealing in caravan and mobile home construction
- Bonding and sealing of different coloured materials
- Sealing glass to wood/aluminium
- Sealing GRP or aluminium profiles to painted sheet metal panels

#### How to use

DEKASYL MS-7 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-7 should be worked or smoothed within 35 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 40 minutes (at 20 °C/50% R.H.) after application of DEKASYL MS-7. 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, contact DEKALIN. At a temperature of 20°C and a relative humidity of 50%, DEKASYL MS-7 can usually be coated with most industrial paints after 35 minutes. The best possible adhesion of paint

layers will be achieved if the paint is applied 4 hours after using DEKASYL MS-7.

Clean the tools or remove uncured DEKASYL MS-7 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-7 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, glass, PVC, polyester (GRP), painted and lacquered wood, etc. without primer. No adhesion without pretreatment on polyethylene, polypropylene, and Teflon®. We recommend cleaning the substrates with DEKACLEAN ULTRA. We recommend carrying out a bonding test before use. In cases in which a strong bond is necessary due to high thermal or physical loads – in wet environments in particular – we recommend the use of DEKAVATOR 22 NF. 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-7 can be stored in sealed (unopened) cartridges for 15 months in a dry place at a room temperature of +10°C to +30°C.

#### Safety precautions

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

#### Transport classification

Not applicable.

### Technical Data

Farbe (Standard)	Transparent
Base material	Silyl Modified Polymer
Curing/setting	Humidity
Specific density	approx. 1.06 kg/l
Skin formation time (20°C/50% R.H.)	approx. 35 minutes
Open time (20 °C/50% R.H.)	< 40 minutes
Cured after 24 h (20 °C/50% R.H.)	approx. 3 mm
Shore A hardness (DIN 53505)	approx. 40
Volume change (DIN 52451)	< 2%
Tensile stress (100%) (DIN 53504/ISO 37)	approx. 1.2 MPa
Tensile stress at break (DIN 53504/ISO 37)	approx. 2.6 MPa
Elongation at break (DIN 53504/ISO 37)	approx. 250%
Shear stress (DIN 53283/ASTM D1002)	approx. 1,9 MPa
Solvent component	0%
Isocyanate component	0%
Temperature resistance	-40°C to +100°C, short term +120°C
Application temperature	+5°C to +35°C
UV and weathering resistance	Excellent
Container sizes	290 ml cartridge

#### Consult the safety data sheet

or the container label for safety notes.