



DEKASYL 240

2C elastic adhesive

DEKASYL 240 is an elastic 2-component adhesive based on MS Polymer. The adhesive is used in applications in which fast curing and processing times are required. DEKASYL 240 is a rapid-curing adhesive & sealant for reducing throughput/downtimes and reducing your process times!

DEKASYL 240			
Art. No.	Size	Container	Colour
62651 34	250 ml	Cartridge	Light grey
67359 34	-----	Mixer	-----

Your advantages:

- **Rapid curing:**
Vehicles can be moved after 2 hours
- **Long open time of 30 minutes**
- **Suitable for any standard cartridge gun**
- **Excellent adhesion to almost all substrates without primer**
- **Excellent UV resistance and ageing properties**
- **No solvents, isocyanate, silicones or PVC**

DEKASYL 240 2C elastic adhesive and sealant

Technical details

Product description

DEKASYL 240 is an elastic 2-component adhesive based on MS polymer. The adhesive is used in applications in which fast curing and processing times are required. The curing process does not depend on the humidity and is ensured by the second component. DEKASYL 240 is suitable for producing elastic constructive joints and is based on MS polymer.

Tensile strength

Curing time	Tensile strength [N/mm ²]
1 h	0.2
2 h	0.5
3 h	0.7
4 h	0.8
8 h	0.9
24 h	1.2

Application

- Elastic bonds in caravan, mobile home, bus, trailer, train and lorry construction, for example.
- Bonding of corner profiles made of aluminium or polyester to trailers.
- Bonding of polyester parts to metal frames.

Adhesion

In general, DEKASYL 240 adheres to clean, dry, dust- and grease-free substrates made of (anodised) 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 pre-treatment. No adhesion on un-

treated polyethylene, polypropylene, and Teflon®. We recommend cleaning surfaces with DEKACLEAN ULTRA (we recommend carrying out several adhesion tests before application). In cases in which stringent adhesion requirements are necessary due to high thermal or physical loads, wetness in particular, we recommend the use of DEKAVATOR. For the properties of substrates that are not on the list and more detailed information, please contact your DEKALIN customer service directly.

Use

DEKASYL 240 can easily be extruded from cartridges. Open the cartridge cap. Place the cartridge in a suitable gun and press until both components flow evenly. Wipe away excess material. Put on the static mixing nozzle and apply the material. Make sure that the extruded material has a uniform colour (light grey). When applying with a compressed air gun, use a maximum pressure of 3 bar. The maximum processing time of DEKASYL 240 is 30 minutes. The substrates to be bonded must be mounted within that time (at 20°C/50% relative humidity). The higher the temperature, the shorter the processing time! In general, a bonding thickness of 2 mm is recommended if similar materials (similar stiffening) are to be bonded. The greater the difference in thermal expansion, the thicker the adhesive bead should be. For further details, please consult Dekalin. Für weitere Details sollte Dekalin konsultiert werden. DEKASYL 240 can be painted wet-in-wet with most industrial paints. The best adhesion of paint layers is achieved if painting is carried out within 4 hours after the application of DEKASYL 240. Cleaning tools or uncured residual DEKASYL 240 can be removed with a clean, colourless cloth such as DEKACLEAN ULTRA. We recommend carrying out a test first in order to check whether or not the cleaning agent attacks the substrate. Cured adhesive can only be removed mechanically.

Technical data

Colour (standard)	light grey
Base material	MS polymer
Curing method	2-component humidity-curing
Specific density (20°C)	1,4 kg / l
Processing time (20 °C / 50% R.H.)	30 minutes
Shore A hardness (DIN 53505)	approx. 45
Tensile strength (DIN 53504/ISO 37)	approx. 2.4 MPa
Elongation at break (DIN 53504/ISO 27)	approx. 300%
Solvent component	0%
Isocyanate percentage	0%
Temperature resistance	- 40°C to + 90°C
Application temperature	+ 5°C to + 40°C
UV and weathering resistance	excellent
Available in	Mixpac cartridges at 250 ml (12 per box)

Consult the safety data sheet or the container label for safety notes.