

**TECHNICAL DATA SHEET**

**DEKASEAL 1512 & 1517 BUTYL SEALANT**

**PRODUCT**

**Dekaseal 1512 & Dekaseal 1517** are single component, plastic-elastic butyl based sealing compounds which are free of aromatic solvents. The products form a dry skin and can be painted over.

**APPLICATIONS**

- Sealing of grooves.
- Sealing of edge-to-edge joints.
- Sealing in the metal, ventilation system, motor vehicle, carriage, container and machine construction sectors.
- Sealing in and on busses (e.g. sealing of the air ventilation system), caravans & campers (e.g. the seal between the plywood floor and the metal frame) and trucks.
- For bedding and sealing between window frames (metal, wood) and masonry.

**FEATURES**

- Free of aromatic solvents.
- Excess of **Dekaseal 1512 & Dekaseal 1517** can be removed with e.g. acetone.
- Very good UV-resistance and ageing properties.
- In general good adhesion on several substrates without the use of a pre-treatment.
- Can be used within temperatures from  $-30^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ .
- Good chemical resistance.
- Storage stability 2 years.
- Can be painted over.

**TECHNICAL DATA**

Basic material	: butyl rubber, synthetic resins, fillers and solvents
Consistency	: pasty
Curing/setting method	: emission of solvent
Specific density (20°C), DIN 51757	: ca. 1.5 kg/liter
Open time (20°C/50%R.H.)	: ca. 3 hours
Removal of excess material	: with e.g. acetone
Solid content (DIN 53216, 3 hours at 120°C)	: ca. 84%
Viscosity (20°C)	: ca. 2,500 mPa.s
Temperature resistance (cured)	: - 30°C till +100°C
Application temperature	: +5° to +35°C
Chemical resistance	: water, diluted acids, alkaline solutions
UV-and weather resistance	: good
Colours (standard)	: Dekaseal 1512 off white / Dekaseal 1517 black
Packaging	: 310 ml cartridges, 560 ml sausages, other packaging on request

**TECHNICAL DATA SHEET****ADHESION**

In general **Dekaseal 1512 & Dekaseal 1517** adhere well without pre-treatment on clean, dry, dust- and grease free substrates of aluminium, stainless steel, galvanised steel, zinc, copper, brass, powder coated metal, most lacquered metal surfaces, glass, PVC, polyester (GRP), painted and lacquered wood, etc. No adhesion will be achieved on polyethylene, polypropylene and Teflon without special treatment. For not mentioned substrates and additional information please consult Dekalin.

**METHOD OF USE**

**Dekaseal 1512 & Dekaseal 1517** can be applied by means of a hand or compressed air gun. When using compressed air 2-3 bar is required. Fill the grooves and points to be sealed well, avoiding air bubbles. Evaporation of the solvent can cause slight shrinking during drying. Visible points and grooves can be smoothed over after application with a spatula or a finger wetted in ordinary washing up liquid. The skin forms within 1 - 2 hours. The hardening takes 2 - 3 days, depending on the volume of the groove.

**STORAGE STABILITY**

**Dekaseal 1512 & Dekaseal 1517** are frost resistant. The storage temperature should lie between +15°C and +25°C. The packs should be protected from direct sunlight and heat. If kept cool and dry the original unopened packs can be stored for at least two years.

**SAFETY PRECAUTIONS**

Consult our latest safety data sheet for more details.

**TRANSPORT CLASSIFICATION**

Consult our latest safety data sheet for more details.

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