Technical data sheet

DETAFLEX 1500

CHARACTERISTICS

- Polyurethane sealant
- Permanent elasticity
- Very easy to apply
- High resistance to high and low temperatures
- Excellent adhesion to almost all building materials
- Resistance to chemicals
- Can be repainted. Preliminary tests may be recommended
- High resistance to ageing and weather conditions

APPLICATIONS

- Sealing different substrates in construction industry and navigation.

TECHNICAL CHARACTERISTICS	
Type of product	Polyurethane
Density (g/ml)	1.17
Consistency	Pasta
Application temperature	+5°C - +35°C
Temperature resistance	-40°C - +80°C
Curing system	Curing by air humidity
Curing speed at 23 degrees C and 50% R.H. (mm, after 24h)	3
Skin forming time at 23°C and 50% R.H. (min.)	150
Shore A hardness: ISO 868	25
Maximum permissible deformation: ISO 11600	25%
Modulus at 100% elongation: ISO 8339 (N/mm²)	0.28
% Elongation at break: ISO 8339	400
Shelf life of unopened product	12 months
Storage conditions	Store in a dry, cool place at +5°C to +25°C. Keep out of direct sunlight.

PACKING AND COLOURS
25 x cartridge 310ML/box - 1200 pieces/pallet White, Brown, Grey, Black
20 x foil bag 600ML/box - 900 pieces/pallet White, Grey, Black

METHOD OF USE

Preparation

- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- The surfaces must be solid, dry and free of dust and grease.
- If needed degrease the materials to be glued with Parasilico Cleaner, MEK, fire alcohol, ethanol.

DL CHEMICALS Since 1936 Manufacturer of Sealants

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- The user needs to make sure that the product is suitable for the application. Consult our technical service if necessary.

Primers

- On highly absorbent surfaces we recommend to use the Hybrid & PU Primer (transparent or black, drying time about 15 min.).
- Use a primer on plastic surfaces.

Application

- Apply the product from the cartridge or foil packaging with a manual or pneumatic caulking gun.
- The size and shape of the joint is very important. Avoid thin joints.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.

Joint dimensions

- Suitable joint widths from 5 mm to 30 mm
- Joints with a width up to 10 mm: joint depth should equal joint width
- Joints wider than 10 mm: joint depth = (joint width/3) + 6 mm.

Tooling

- Smooth surface before skin formation with Perfect Joint Tooling Agent and/or the Perfect Joint Tool.

Cleaning

- Tools, surfaces and uncured residues can be removed with Parasilico Cleaner, Multi-Purpose Super Cleaner or Cleaning Wipes. Remainder of silicone can be removed with Silicone Remover after curing
- After curing remove mechanically.

SAFETY

Consult the safety information on the packaging and the safety data sheet for more information. Professional use requires mandatory PU training since 24/08/2023. More information: www.dl-chem.com/pu_training

POINTS OF ATTENTION

- Not suitable for mirrors.
- Not suitable for glazing joints.

TECHNICAL APPROVALS AND QUALITY LABELS

- UKCA & CE according to EN 15651-1: F EXT-INT 25 LM
- French VOC emission class A+
- SNJF: Façade 25 E (Société National du Joint Français)

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