

Detaflex 4000 WRAS-APPROVED PRODUCT

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DESCRIPTION

DETAFLEX 4000 is a high modulus, fast vulcanising, elastic, surpaintable, one-component polyurethane sealant, that cures by the influence of the humid encircling air, dependent from the temperature, the joint-depth and the porosity of the soil.

DETAFLEX 4000 has a good resistance against high and low temperatures -40°C to +80°C.

APPLICATION

DETAFLEX 4000 is suited for the automobile industry, for carriage work, cool trucks, caravans, shipping, and all elastic joints and construction-joints in the building industry.

DETAFLEX 4000 is also suitable for use in water retaining structures and has passed full tests of effect on water quality . BS6920 which means that It is a WRAS . Approved Product.

DETAFLEX 4000 complies with container %Butter Test+and is approved to BS5929:Part3:1984

JOINT MEASURES

Joint width	Joint depth	Allowed difference
3-4 mm	4-5 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	6 mm	± 1 mm
10 mm	8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	12 mm	± 2 mm
25 mm	15 mm	± 2 mm

PROCESSING TEMPERATURE

Between + 5°C up and + 35°C

SURFACES

All surfaces need to be dry, clean and free from dust of grease. When necessary, degrease with **Parasilico Cleaner**, MEK, alcohol or ethanol.

If necessary, use primer. It is recommended that adhesion tests are carried out to determine the suitability of the product for its application. When in doubt, contact our technical support service.

PRIMERS

	colour	drying time
DL 2001	Transparent	± 20 min

TOOLING

When needed with DL 100 or tools.

CLEANING

Before vulcanization

DETAFLEX CLEANER

After vulcanization

Remove as much as possible mechanically; the remainders of the P.U. sealant with **Silicone Remover**.

REPAIRING

With the same product.

AVAILABLE COLOURS

White, grey and black.

LIMITATIONS

Detaflex 4000 has an excellent water resistance (potable water). For joints exposed to water, the adhesion is maintained, but only if the support is not porous and if there is no risk of rising moisture (capillarity) at the sealant/joint interface.

Do not use as glazing sealant or mirror glue.

Good ventilation is important during application and vulcanisation of the product.

SHELF LIFE

12 months in unopened packing and kept in dry and cool conditions between +5°C and +25°C.

PACKING

Aluminium cartridges of 310 ml, 25 per box
Bag-packs of 600 ml, 20 per box

METHOD OF USE

DETAFLEX 4000 is used with a manual or pneumatic pistol. As long as no 90% of the joints are vulcanised, a maximal movement of 5% is admitted.

DETAFLEX 4000 has excellent adhesion to most materials used in the building and engineering industry such as aluminium, concrete, ceramics, natural and artificial stone, polished metal ...

PRECAUTIONS

Contains isocyanate. See information supplied by the manufacturer.

Safety data sheet available for professional user on request. S23 Do not breathe vapour.

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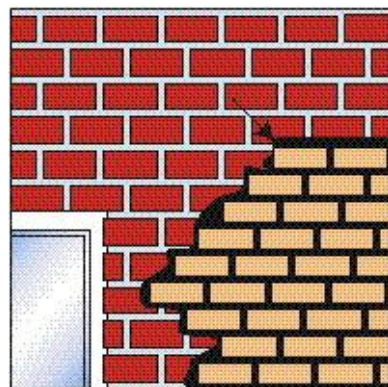
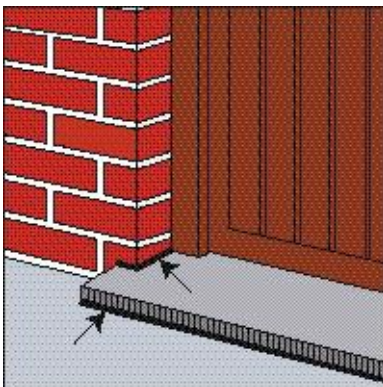
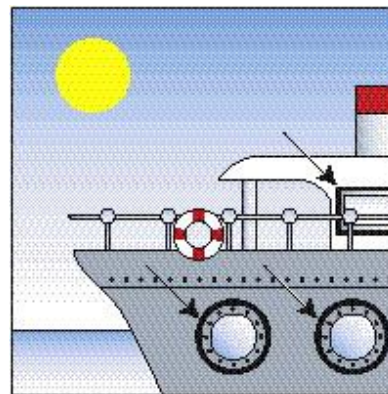
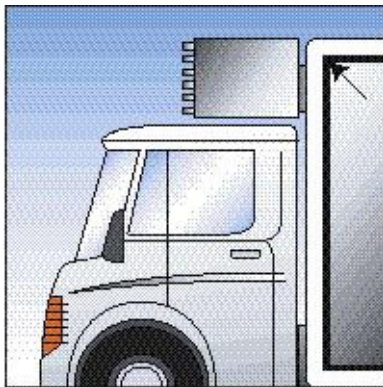
TECHNICAL CHARACTERISTICS

Non vulcanised sealant

Basis	polyurethane
Skinning time (23°C and 50 % R.H.)	70 m
Vulcanization speed (23°C and 50 % R.H.)	2 mm/day
Density (ISO 1183)	1,18 g/ml

Vulcanized sealant

Shore A Hardness (ISO 868)	40
Maximal joint distortion	25%
Modulus at 100 % elongation (ISO 8340)	0,38 N/mm ²
Elongation at break (ISO 8339)	680 %
Temperature resistance	-40°C and + 80°C



Rev 1
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This technical data sheet replaces all previous editions. The data on this sheet have been drafted according to the last state of the laboratory data. Technical characteristics can be changed or adapted. We are not responsible in case of incompleteness. Before usage, one needs to ensure that the product is suitable for its application. Therefore, tests are necessary. Our general conditions apply.