

Detasil S

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DESCRIPTION

DETASIL S is a non-toxic, solvent-free, low modulus multipurpose one component silicone sealant (RTV-1), based on an acetic curing system.

DETASIL S has a high resistance to ageing, low and high temperatures (- 60°C to +180°C).

APPLICATIONS

DETASIL S has been specially formulated for all types of sanitary applications especially for rooms with high humidity such as bathrooms, kitchens, etc.

DETASIL S cures to form a permanent water-tight and weather-proof seal to most non-porous surfaces such as glass, aluminium, painted or varnished wood, ceramics, enamel, porcelain, lighting domes and glass bricks etc.

JOINT DIMENSIONS

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	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm

PROCESSING TEMPERATURE

Between +5°C tot +40°C.

PREPARATION

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with MEK, alcohol or ethanol. If necessary, use a primer. It is recommended that adhesion tests are carried out to determine the suitability of the product for its application.

PRIMERS

		Colour	Curing time
Porous substrates	DL 783	Transparent	± 60 min.
Non porous substrates	Primer DL 435.10	Transparant	± 30 min.

TOOLING

When needed with **DL100** or tools.

CLEANING

Before vulcanisation:

- a) tools : with white-spirit or solvent
- b) surfaces : with **Parasilico Cleaner**

After vulcanisation:

Remove as much as possible mechanically; the remainders of the silicone with **Silicone Remover**.

REPAIRING

With the same product.

COLOURS

White, transparent. Other colours are available on request (min. 75 cartridges).

SHELF LIFE

Min.12 months if kept in the original packed and stored in cool and dry conditions between +5°C and +25°C.

PACKING

25 cartridges of 310 ml/box - 48 boxes/pallet
25 sausages of 400 ml/box - 48 boxes/pallet
20 sausages of 600 ml/box - 45 boxes/pallet

LIMITATIONS

Do not use in closed rooms. Do not expose to thermal, mechanical or chemical influences before complete vulcanisation. Good ventilation is important during application and vulcanisation of the product.

- on natural stone, mirrors, polyacrylate and polycarbonate: see technical service department
- structural glazing: see technical service department.
- Cannot be painted: see **DETASIL VP**
- It should not be used in contact with metals like lead, copper due to corrosion
- Do not use on plastics and alkaline surfaces like concrete and stone, we recommend the use of a primer.

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DL CHEMICALS
Since 1996
Manufacturer of Sealants

082014

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SAFETY

The application should take place in well ventilated rooms, so that cross linker vapours can escape. These cross linker vapours may not be inhaled during long periods of time or in high concentrations. Avoid prolonged contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with food as long s the sealant is uncured. Consult our safety data sheet.

TECHNICAL CHARACTERISTICS

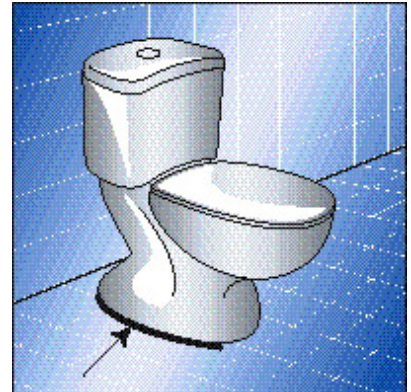
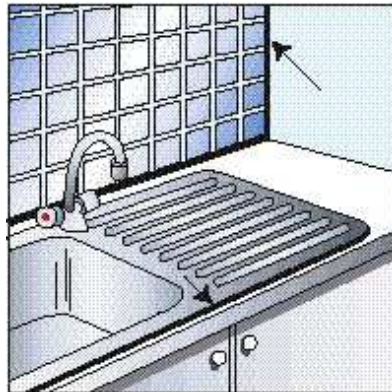
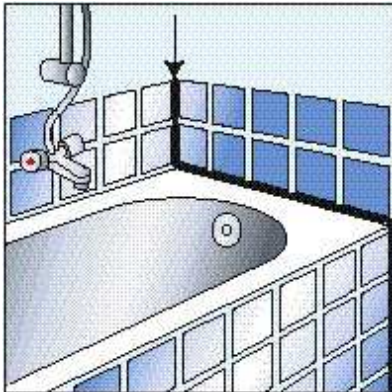
Unvulcanised rubber

Type of sealant	Polysiloxanes
Vulcanising system	vulcanising through moisture in the air
Skin forming time (23°C en 50% R.H.)	TRS : 15 min – Colours : 25 min
Vulcanisation rate (23°C en 50% R.H.)	1-2 mm / 24 hrs
Density (ISO 1183)	TRS : 1,01 g/ml – Colours: 1,36 g/ml

Vulcanised rubber

Shore A hardness (ISO 868)	TRS : 16 – Colours: 22
Elastic recovery (ISO 7389)	> 90 %
Deformation capability	25 %
Modulus at 100% elongation (ISO 8340)	TRS : 0.33 N/mm ² - Colours: 0.38 g/ml
% elongation at break (ISO 8339)	TRS 300 % - Colours: 270%
Temperature resistance	-50°C / + 150°C

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