

High Temperature Silicone 310 ml

Special, heat resistant, single-component, elastic silicone sealant (which releases acetic acid when curing), used for sealing joints that are exposed to higher temperatures, up to 300°C.

Intended use:

For sealing joints around heating boilers, traditional tiled stoves, fireplaces, ceramic hobs and glass oven doors. For use in industry in heating and ventilation applications, for pipe penetrations, heaters and flues that could subsequently be exposed to high temperatures. It bonds well, without a primer coat, on many carefully cleaned subsurfaces such as aluminium, anodised surfaces, glass and tiles.

Application:

Cut off the cap at the top end of the cartridge, above the screw thread. Screw on the cartridge nozzle and cut off the end of the nozzle at an angle according to the required joint width. PROBAU High Temperature Silicone can be applied with a manual gun or compressed-air gun. Inject the joint sealant into the joint, leaving no voids. If the joints are deep, fill them first with suitable foam backing material. The silicone sealant can be smoothed with a suitable tool before a skin forms. Low temperatures and wet subsurfaces delay the hardening process. Remove excess sealant and masking tape immediately after smoothing the joints. Once the jointing compound has hardened, it can only be removed mechanically. The same applies to tools.

Notes: PROBAU High Temperature Silicone releases a small amount of acetic acid during the vulcanisation process. Once the curing process is completed, the sealant is odourless. It is not food safe. It is advisable to carry out adhesion tests before use.

Subsurface:

The flanks of the joints must be load-bearing, dry, clean and free of oil and grease.

Notes: Bonding-resistant plastics such as polyethylene, Teflon and bitumen-bound subsurfaces are not suitable as bonding surfaces.

Quantity required:

Sufficient for creating a joint that is approximately 8 to 9 m long, 6 mm wide and 6 mm deep.

Processing and curing times and temperatures:

+5°C to +40°C (optimally +5°C to +20°C). Hardening time: approximately 2 mm per day.

Temperature resistance:

Approximately -40°C to +300°C.

Skin formation time:

After approximately 10 to 15 minutes.

Admissible total deformation:

25%

Behaviour in fire:

Class E



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Storage:

Store in cool, dry, frost-free conditions.

Shelf life:

In its unopened original packaging, the product has a shelf life of 24 months from its date of manufacture. See the date stamp.

Container:

310ml cartridge

Colours:

Reddish brown

Disposal:

Only send completely empty packaging for recycling. Leftover material can be disposed of at your local disposal centre for problem waste.

Constituents:

A safety data sheet is available on enquiry.

Safety information:

Keep out of the reach of children. If medical advice is needed, show the product packaging or label to the doctor. Do not allow the material to come into contact with skin, eyes or clothing. Use only in well ventilated rooms.

Notes:

Not suitable for installing glass fireplace doors. Observe the maximum temperature resistance! The sealant must have hardened completely before it is exposed to temperatures above +50° C. It is not suitable for use as fire protection silicone.

We accept no liability for errors relating to faulty use or any consequences thereof.

Observe the instructions on the packaging.

The information provided is based on extensive tests and practical experience. It does not apply to every application situation. For this reason, we recommend that you carry out a trial if necessary. Subject to technical alterations within the framework of further development. Our general terms and conditions apply.

Further information is available from:
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