Technical datasheet

Gasketseal

Product description

Gasketseal is a temperature resistant, elastic, one-component silicone sealant which replaces all cork, felt, fiber, paper and rubber gaskets in all thicknesses and widths.



Properties

- Excellent resistance to fuels, oils and grease
- Temperature resistance up to 285°C
- Easy to apply
- Permanently elastic after curing
- Typical acetic smell

Applications

- Formation of gasket and sealing rings.
- Sealing between metal components
- Sealing of heating installations.

Technical data

Base		Polysiloxane
Consistency		Stable paste
Curing system		Moisture curing
Skin formation		ca. 8 minutes
Curing speed		ca. 2 mm/24h
Density		ca. 1,28 g/ml
Elasticity modulus	ISO 37	ca. 0,65 N/mm²
Elongation at break	ISO 37	± 700 %
Maximum tension	ISO 37	ca. 2,92 N/mm²
Hardness		ca. 31 ± 5 Shore A
Application temperature		+5°C → +35°C
Temperature resistance		-60°C → +285°C

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
  The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation
  Prepare non-porous surfaces with a Soudal activator or cleaner (see Technical Data Sheet).
- Substrate types
  Gasketseal has a good adhesion to following substrates: all metals. Gasketseal has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®), bituminous substrates. We recommend a preliminary adhesion and compatibility test on every surface.

Soudal UK
Soudal House, Unit 1, Centurion Way, Centurion Park, B77 5PN Tamworth
+44 1827 261 092
www.soudal.com salesuk@soudal.com

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Application method

- Application method
  Apply the product with a manual, pneumatic or accu caulking gun.
- Cleaning method
  Clean with Soudal Surface Cleaner or with Soudal Swipex Wipes, immediately after use.
- Finishing method
  Finish with a soapy solution or Finishing Solution before skinning.
- Repair method
  Repair with the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.
Dangerous. Respect the precautions for use.

Packaging/Logistics

Colour: Please consult the product catalogue, the Soudal website or a Soudal representative.
Packaging: Please consult the product catalogue, the Soudal website or a Soudal representative.
Shelf life: 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C

Remarks

- Because of the acid nature, certain metals (eg copper, lead) can be affected.
- Do not use in applications where continuous water immersion is possible.
- Not suitable for bonding aquariums.
- Gasketseal can not be used as a glazing sealant.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discoloration and loss of adhesion.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Do not use on natural stones like marble, granite,...(staining).

This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. It is general in nature and does not constitute any liability. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.

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