

Gasket Seal

Description

Gasket Seal is a temperature resistant, elastic, one-component silicone sealant which replaces all cork, felt, fiber, paper and rubber gasket in all thickness 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

Application

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



Technical data

Base	Polysiloxane	
Consistency	Stable paste	
Curing system	Moisture curing	
Specific Gravity (g/ml)	1.27	
Skin formation (minutes)	ca. 14	
Curing speed (mm/24h)	ca. 2	
Hardness (Shore A, Points)	30 ± 5	
Maximum Tension (N/mm ²)	ISO 37	ca. 2.50
Elongation at Break (%)	ISO 37	± 500
Elasticity Modulus 100% (N/mm ²)	ISO 37	0.80
Temperature Resistance (°C)	-60 to +285	
Application Temperature (°C)	+5 to +35	

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.
- Substrate types
Gasket Seal has a good adhesion to all metals.
Gasket Seal is not suitable for PE, PP, PTFE (Teflon®), and bituminous substrates.

We recommend a preliminary adhesion and compatibility test on every surface.



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Application method

- Application method
Apply the product with a manual, pneumatic or a battery-operated caulking gun.
- Cleaning method
Swiftly clean with white spirit after usage to prevent residue accumulation & maintain equipment efficacy.
- 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: Red

Packaging: 310ml Cartridge

Shelf life: 12 months from the date of production. The product must be stored in its original, undamaged, and sealed packaging under dry conditions, protected from direct sunlight, and at temperatures between +5°C and +25°C.

Remarks

- Because of the acid nature, certain metals (eg. Copper, lead) can be affected.
- Do not apply in applications where continuous water immersion is possible.
- Not suitable for bonding aquariums.
- Gasket Seal cannot 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 because of staining, for those applications Soudaseal 212 CS is recommended.

This technical data sheet supersedes all earlier versions. The information provided is based on our tests and practical experience and is supplied in good faith as general guidance only, without creating any liability. Since materials, substrates, application design, and processing conditions vary widely and are outside our control, we cannot accept responsibility for the results obtained from use of this information. The user must verify suitability for the intended application through their own testing, and preliminary trials are recommended in all cases. The manufacturer reserves the right to change product specifications without prior notice.