

PRODUCT DATA SHEET

SikaSeal[®] Appliance Sealant

Premium one-component room temperature vulcanising silicone sealant

DESCRIPTION

SikaSeal[®] Appliance Silicone Sealant is a premium one-component room temperature vulcanising (RTV) silicone rubber designed for flexible gasketing and sealing applications. SikaSeal[®] Appliance Silicone Sealant forms a tough but flexible seal of all shapes and sizes and fills any surface voids. The cured product can withstand vibration, weathering, temperature extremes, water oil and grease without hardening, shrinking or cracking.

USES

- Fridge and freezer sealing
- Pizza oven sealing
- Oven sealing
- Aluminium
- Glass

CHARACTERISTICS / ADVANTAGES

- High temperature resistance (-50°C to 250°C)
- Excellent adhesion
- Heat proof
- Gap filling properties
- Vibration resistant
- Highly versatile
- Excellent resistance to aging, shrinkage, cracking and discolouration.

PRODUCT INFORMATION

Composition	1-C Silicone (acetoxo)
Packaging	300ml Cartridge, 12 cartridges per box
Shelf life	18 months from date of production if in undamaged and unopened original sealed containers and stored according to the storage conditions.
Storage conditions	Must be stored in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.
Colour	Black
Density	~0.98 Kg/l (uncured)

TECHNICAL INFORMATION

Shore A hardness	~22
Secant tensile modulus	~1.05 MPa
Tensile strain at break	~600%

Tensile adhesion strength ~1.0 N/mm²

APPLICATION INFORMATION

Ambient air temperature	+5°C to +45°C
Curing time	~24 hours
Skimming time	~10 minutes
Tack free time	~20 minutes

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Limitations

- SikaSeal® Appliance is not recommended for use in applications where it will be permanently exposed to temperatures exceeding 250°C.
- Not suitable for exposure to or contact with fuels.
- Must be protected from rain for at least 2 hours after application.
- The above information is offered for general guidance only.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Ensure all surfaces are clean, dry and free from dust, grease and loose material. Remove all old gasket material from surfaces before cleaning with a residue-free solvent and allowing to completely dry.

APPLICATION METHOD / TOOLS

Cut the nozzle at a 45° angle to the desired bead size (3 mm is suitable for most applications) then apply a continuous and even bead along the joint.

CLEANING OF EQUIPMENT

Uncured, excess SikaSeal® Appliance may be removed with Sika® Remover-208 or another suitable solvent. Once cured, the excess sealant can be trimmed away from the edges with a knife.

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LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product

Data Sheet for the exact product data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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