**Engine Sealing Compound Alu 200 ml**

**Product description**

Berner Gasket Sealant is an elastic, single-component engineering sealant based on silicone which withstands very high temperatures. Ideal for sealing of heating installations, sealing in pumps and engines and, in general, in all sealing applications that require high temperature resistance.

**Properties**

* Permanently elastic after curing.
* Temperature resistance up to 285°C.
* Resistant to gasoline, mineral oils and grease.\*
* Resistant to diluted inorganic acids and alkalis.
* Resistant to UV rays.
* It can be used in all usual building substrates, excellent adhesion on metals, glass and glazed substrates.
* Ready to use double piston pressure pack with a practical nozzle that completely extrudes the product.
* Propellant gas compliant with REGULATION (EU) 517/2014 on fluorinated greenhouse gases.

\*Tested at 120 ºC after 500 h.

**Application**

It can be applied with manual or pneumatic caulking gun.

Surfaces must be clean, dry and free of dust and grease.

Surface preparation: Porous surfaces in water loaded applications should be primed.

The product must be cleaned with white spirit or similar immediately after use (before curing).

Finish with a soapy solution before the skin is formed.

**Note**

Not suitable for concrete nor PVC. There is no adhesion on PE, PP, PTFE and bituminous substrates. It may damage the surface of some metals like copper or lead. We recommend a preliminary adhesion test on every surface.

**Shelf life and storage**

12 months in unopened original packaging.

Store in original packing between +5 °C and +25 °C.

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**Technical data (typical values):**

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| --- | --- | --- |
| Base | Polysiloxane | |
| Physical state | Stable paste | |
| Curing system | Moisture cure | |
| Colour | Grey / silver | |
| Temperature resistance | -60 ºC to 285 ºC | |
| Application temperature | 5 ºC to 35 ºC | |
| Density | 1,05 g/ml aprox. | |
| Hardness | Shore A | 30±5 aprox. |
| Skin formation\*\* | (20°C / 65% R.H.) | 10 min aprox |
| Curing speed | (20°C / 65% R.H.) | 2 mm/24 h |
| Elastic recovery | (ISO 7389) | >80% |
| Max. tension | (DIN 53504) | 2,00 N/mm² |
| Min. joint width | 5 mm | |
| Max. joint width | 30 mm | |
| Min. joint depth | 5 mm | |
| Recommended joint | Joint width=2 x joint depth | |

### (\*\*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

### Please follow the notes on the container and in the applicable MSDS.

**Liability**

The information contained in the technical data sheet is the result of our findings, user-specific experience and expectations. As the operational conditions and fields of application respecting the products vary greatly, we can only give general processing instructions and recommendations by means of these technical data sheets. We provide these instructions and this information to the best of our knowledge and without binding effect, excluding any liability and without any warranty as regards correctness and completeness. The technical data sheets do not represent warranted characteristics, do not involve any ancillary obligation and are of an only facultative nature. Use of these data sheets does not release customers and respective downstream users from performing their own tests and trials concerning the suitability of the products for the intended processes and purposes, and from observing any industrial property rights of third parties.

Relevant standards and technical rules must be complied with. State-of-the-art technology is to be observed when carrying out any coating work and pertaining preparations. The object conditions and product suitability are to be checked in an appropriate and professional manner. With respect to danger warnings and security recommendations, in particular first aid measures, reference is made to the respective container and pack labels and to the relevant security data sheets. The current status of the security data sheets and other documentation can be accessed on the Berner homepage or requested from the responsible Berner company. The technical data sheets may be subject to technical changes, and amendments may be made to the technical data sheets without prior notification. This technical datasheet ceases to be valid upon publication of a new version.

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