PR1ME®
SEALANTS • ADHESIVES • WATERPROOFING

EPDM ADHESIVE
Neutral

DANILOV TRADING COMPANY
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TECHNICAL DATA SHEET

SILICONE ADHESIVE

PRODUCT DESCRIPTION

A special neutral silicon sealant, designed for a weatherproof adhesion of EPDM sheets to most common building materials. Thanks to its formulation, no weather condition can affect it after full cure.

ADVANTAGES

- Perfect way of bonding EPDM sheets to many porous or nonporous building materials.
- Water resistant.
- Colorfast and UV resistant.
- Very low odor and non-corrosive.
- Resistant to temperature extremes (-60 °C to +180 °C).
- Fast curing, low modulus, high elasticity.
- High viscosity non slump formula.
- CE marked for EN 15651 for facade.

APPLICATION AREAS

- Bonding of EPDM sheets to each other.
- Sealing and bonding between EPDM sheets and many different building surfaces.

STORAGE AND SHELF LIFE

The shelf life is 15 months if stored in unopened original package in a dry place at temperatures between +5°C and +25°C.

PACKING

Product	Volume	Package
Black(Sausage)	600ml	20

SURFACE PREPARATION

Ensure that surfaces to be sealed are clean, dry and grease free. The application temperature must be between +5 °C and +40 °C. Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

SUBSTRATE

All usual building substrates like concrete, wood, roof tile etc. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. Given the wide variety of EPDM-substrates, we recommend a preliminary adhesion test.

RESTRICTION

It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.

Not over paintable.

Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers.

It is not suitable for food contact applications.

Do not use to produce swimming pool joints.

Can yellow if exposed to bleach of HCL based brick cleaners whilst curing.

SAFETY & DISPOSAL

Inhalation of the sealant vapor for a long period must be avoided. The application area must be ventilated properly. The uncured sealant must not be contacted for a long period. Cured silicone rubber bears no risk to health. Temperatures between +5°C and +25°C. Check MSDS guidelines for disposal and further information concerning safety.

ISO 9001 2015
ISO 14001 2015
ISO 45001 2018
CE
EN 15651-1
F EXT-INT-CC

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TECHNICAL SPECIFICATIONS

Basis	: Silicone Polymer(Oxime)	
Curing System	: Neutral	
Density	: 1.44± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 25±5 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm^2 (23°C and 50% R.H)	(ISO 8339)
Skin formation	: 5-10 min. (23°C and 50% R.H)	
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 700%	
Elastic Recovery	: Approx. 100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Yield	: Approx. 12 meters (600 mL) for 0.64 cm bead size	
Temperature Resistance	: -60°C to +180°C	
Application Temperature	: +5°C to +40°C	

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in maccordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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