

EPDM is an elastic, weatherproof, neutral curing high quality silicone used for membrane bonding. Solvent-free.

GENERAL FEATURES

- It is one-component, easy to apply.
- It is resistant to weather conditions and UV temperatures.
- Makes odorless drying.
- It is resistant to sudden and high temperature changes.
- It has high elastic ability.
- It does not contain solvents, has a long service life.
- After curing, it is not affected by weather conditions.
- EPDM provides strong adhesion on membrane and common building materials.

APPLICATION AREAS

- In the bonding of EPDM membranes to each other indoors and outdoors,
- EPDM membranes and bonding to different building surfaces,
- In sealing applications between EPDM membranes and building surfaces,

Technical Specifications

Base	Silicone
Consistency	Putty
Density (DIN 53479)	1,40 ± 0,05 g/cm ³
Modulus of Elasticity 100% (DIN 53504)	~ 0.35 N/mm ²
Elastic Return	> 90%
Yield - On Vertical Surface (ISO 7390)	< 3mm
Shell binding time	10 min. (23 °C / 50 % r.h.)
Drying Speed	2-4 mm/24 hr. (23 °C / 50 % r.h.)
Elongation at rupture (ISO 8339)	> 600%
Max stress (DIN 53504)	1.3 N/mm ²
Tensile Strength	0.8 MPa
Shore A Hardness (DIN 53505)	25 ± 3
Application temperature	+5 °C to +40 °C
Service Temperature	-40°C to +180 °C

COLOR OPTIONS

- Black





SURFACE PREPARATION

- Compatibility testing is necessary due to the high variety of EPDM membranes.
- Surfaces that will come into contact with silicone should be clean and dry; it should not contain oil, dust, rust and loose parts.
- If there is previously applied silicone on the surfaces, it should be removed by mechanical methods.
- Pulling a masking tape around the application joints does not only prevent silicone contamination around the joint, but also allows for a more aligned application.
- The retracted masking tape should be removed immediately after application.



JOINT DESIGN

- In joints applications, the minimum layer in the bonding areas should be 1 mm.
- The width of the joint should be in the range of 6-20 mm.
- The depth of the silicone to be applied depends on the width size.
- For widths up to 12mm, apply 6mm deep silicone.
- At wider joints, the depth of the silicone should be roughly half of its width.



APPLICATION

- The sausage packaging is cut off at one end and placed in the sausage gun.
- The application nozzle is mounted on the cylinder of the gun.
- The product is applied to the surface to be glued and glued together.
- In joint applications, it is necessary to make a proper application at once and without gaps.
- If necessary, the silicone is smoothed with a suitable spatula or correction apparatus before tying the shell.
- It is cleaned with a suitable cleaner without allowing the smeared silicone to dry.
- After the curing is completed, the silicone can only be cleaned mechanically.



PACKAGING OPTIONS

Gross 600 ml sausage / Carton: 20 sausages



SHELF LIFE AND STORAGE

Undamaged, unopened, original packaging, in dry conditions, in an upright position between +10 °C and +30 °C, the shelf life is 12 months.



ALERTS

- It is not suitable for constant water load.
- There is no adhesion on surfaces such as PE, PP, PTFE, neoprene.
- Not suitable for pools (chloride).
- It should not be used indoors, as it is cured with moisture in the air.



SECURITY INFORMATION

It contains trace amounts of volatile chemicals. Adequate ventilation should be provided when used indoors. Long-term contact with wet silicone should be avoided, as it can cause sensitivity to the skin. Hardened silicone does not contain any elements harmful to health. For detailed information, please refer to the safety data sheet for the product.

Note: All information provided in the Technical Data Sheet is shared based on the reliability of the tests carried out as a manufacturer. Since performance differences may occur in the application, factors such as application surface, environment, surface and product temperature etc. should be considered. It is recommended to test it before being used on different surfaces and areas.