

EPDM BOND

Neutral Silicone Based EPDM Adhesive

DESCRIPTION

Neutral silicone based, single component, solvent or isocyanate free elastic adhesive for bonding **EPDM membranes** and coverings.

APPLICATION AREAS

- Indoor and outdoor,
- Bonding and fixing of EPDM membranes and coverings.

TECHNICAL PROPERTIES

Appearance	High viscosity silicone paste
Color	Black
Density	1.35 ± 0.05 g/cm ³
Hardness (Shore A)	35 ± 5
Film Formation Time	10 ± 5 minutes
Curing Rate	3 mm / 24 hours
Tensile Strength	≥ 1.3 MPa (DIN 53404)
Elongation at Break	> 400% (DIN 53504)
Application Temperature	Between +5°C and +40°C
Service Temperature	-40°C / +150°C

ADVANTAGES

- Single component**, easy to apply.
- Bonds **EPDM** membranes and coverings strongly to the surface.
- Can be used in joints of **EPDM** membranes and coverings as adhesive and for isolation purposes.
- Tolerates all kinds of movements and protects its isolation properties in joints thanks to its **high adhesion** property.
- Provides strong and elastic adhesion in buildings exposed to vibrations.
- Does not lose volume or mass when cured.
- Durable, does not contain **solvent** and **isocyanate**. Does not shrink, sag or peel off.
- Resistant to UV**, does not crack or turn to yellow. Can be used outdoor.
- Prevents mold and fungus formation.
- Cures neutrally, odorless.
- Protects its elasticity even in low and high temperatures (-40°C and +150°C) once cured.

CONSUMPTION

Varies depending on the application surface.

PACKAGING

600 ml aluminum sausages.

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be clear of materials that prevent adhesion such as dust, engine oils, tar, paint, silicone, curing material, detergent and mold release agents.
- Remove the old and cured sealants mechanically. Do not apply on old and cured sealants that are not totally removed.
- In order to determine the product performance on different membranes and covers, it is strongly recommended to test the products with and without primer.

APPLICATION

- Cut the sausage from one end and place into an appropriate sausage gun. Place the cap nut to the cylinder of the gun.
- Apply the product to the surface and attach both surfaces to each other.
- Clean excess material with a solvent or alcohol within maximum 5 minutes. If this time has been exceeded and curing has been completed, cleaning can only be done mechanically.

CAUTION

- Avoid application at temperatures below +5°C and above +40°C.
- Do not use in unventilated areas and places where relative humidity is low as it needs moisture in the air for curing.
- Not recommended to use as structural adhesive.
- Test before use on different EPDM membranes types.

SHELF LIFE

Expires in 9 months. Store unopened packages between +10°C and 25°C, stack up to 7 packages on the pallet. Storage area must be protected from sunlight, must be dry, cool and moisture free.

HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Do not leave the cover open. Do not leave the packaging open. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Yapı Chemicals San. Trade Ltd. Sti. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.