

TKK INDUSTRY

TKK-EPDM

TKK-EPDM is a one-component adhesive based on hybrid polymer used for adhering EPDM membranes to various construction substrates.

PROPERTIES

- Excellent adhesion to most materials without a primer: wood, steel, aluminium, various plastics, ceramics, plasterboards, glass, clinker, iron, porcelain, Styrofoam, enamel
- Good mechanical properties
- Good elasticity and flexibility
- Environmentally friendly; it is solvent, isocyanate and silicone free
- Chemically neutral and odourless
- Resistant to various weather conditions; rain snow, extreme temperatures
- UV resistant
- Water tightness, (not for constant water loading)
- Color: black

USE

- Bonding and sealing EPDM membranes on roofs, facades and floor
- Bonding of EPDM membranes together

TECHNICAL DATA

Fresh sealant

Base		hybrid polymer
Appearance		paste
Curing mechanism		by air humidity
Specific gravity		1480 ± 10kg/m ³
Skin formation time	23°C/50% RH	20-30 min.
Hardening time	23°C/50% RH	2-3mm/day
Application temperature		between +5°C and +30°C

Cured sealant

Hardness Shore - A	ISO 868	25 ± 5
Change in volume	ISO 10563	< 1,5 %
Tensile strength:	ISO 8339	(0,5 ± 0,1) MPa
Module E 100%	ISO 8339	< 0,4 MPa
Elongation at break	ISO 8339	250-350%
Tensile strength	ISO 37	1.00-1.30MPa
Elongation at break	ISO 37	350-450%
Temperature resistance		between -40°C and +90°C



APPLICATION

Surface preparation: Clean substrate surfaces by removing all dirt, oil, water and other contaminants.

Unroll membrane and position adjacent sheets. Allow membrane to relax for a minimum of thirty minutes. Fold membrane sheet back so that half of underside of sheet is exposed and lying flat without wrinkles or buckles.

Adhesive is applied approx. 30mm wide and 1 mm thick on the EPDM membrane. If necessary, smooth the adhesive in the desired shape and lay on the surface. Apply pressure with a membrane roller to assure complete contact

Fresh adhesive and tools can be cleaned with the cleaner TEKA cleaner, hardened adhesive should be removed mechanically.

PACKAGING

- 300 ml cartridge (a carton of 20 pieces)
 - 600ml sausage (a carton of 20 pieces)
- Other ways of packing are available on demand

STORAGE

12 months in a dry, cool place under 25°C, in the originally sealed package, sausages 18 months.

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Further information concerning safety information, safe handling instructions, personal protective equipment as well as for disposal is found in the latest Safety Data Sheet. The Safety data sheet is available on request. You can also obtain a copy from your local sales representative.

ATTENTION

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Due to specific conditions and ways of using of the product, we recommend you to perform thorough preliminary tests for any type of use.