EPDM MAX

UNIVERSAL, WATERPROOF ADHESIVE AND SEALANT FOR EPDM.



PRODUCT DESCRIPTION

Universal, waterproof adhesive and sealant with strong initial grip based on SMP Polymer for EPDM on almost all surfaces.

FIELD OF APPLICATION

Bonding and/or sealing all European EPDM on practically all surfaces such as wood, metal, concrete, stone and rigid foam insulation. Also suitable for reparation of cracks in EPDM and sealing of seams between EPDM and various surfaces.
Not suitable for PE, PP, PTFE, bitumen and neoprene. It is recommended to perform an initial bonding test on each surface.

PROPERTIES

· Adheres and seals to almost all surfaces
· Strong adhesion
· Easy and quick appliance (no primer)
· Load-bearing after 24 hours
· Permanently flexible
· Does not shrink or blister
· Weather, water and moisture resistant
· Temperature resistance -40°C /+100°C
· Odourless
· Free from solvents, toluene and phthalates

PREPARATION

Working Conditions: Processing temperature: +5°C to +35°C.
Surface Requirements: Apply the adhesive to one side of a firm, clean, dust and grease-free surface.

APPLICATION

Directions for use:
Before using open cartridge at the top by cutting off the plastic nipple above the thread with a Multi Tool. Fix the nozzle onto the cartridge and cut at an angle to the desired diameter.
Cut off screw thread, assemble nozzle and cut to a diameter of at least 0.5 cm.
Apply the adhesive in ridges (6 mm wide) and then firmly press down. Hand tight after 24 hours, final strength after 48 hours on a porous surface.
Stains/residue: Dried residue can only be mechanically removed.

TECHNICAL SPECIFICATIONS

100% modulus:	0.4 MPa
Bonding technique:	1-Sided application
Chemical base:	SMP Polymer
Chemicals resistance:	Good
Colour:	Black
Cure rate:	3 mm/24h
Density approx.:	1,6 g/cm³
Elasticity:	Very good
Elongation of rupture:	700 %
Filling capacity:	Very good
Final bond strength:	150 N/cm²
Final bond strength after:	48 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Hardness (Shore A):	35
Initial Bonding after:	24 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	100 °C
Mildew resistance:	Good
Moisture resistance:	Very good
Paintability:	Good
Shear strength:	150 N/cm²
Skinover time:	3 hours
Solid matter approx.:	100 %
Solvent free:	Yes
Tensile strength (N/cm²) approx.:	120 N/cm²
Viscosity:	Thixotropic

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

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STORAGE CONDITIONS

Shelf life: At least 12 months after production.
Close the cartridge firmly and store in a dry, cool and frost-free place. Shelf life is minimum 12 months if stored in sealed packaging at temperatures between +5°C and +25°C. Opened packaging has a limited shelf life.
Limited shelf life after opening.

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