

W-S Mastic Sealant adhesive

Description MS polymer sealant adhesive curing at ambient temperature and with air humidity. Waterproofing accessory for bonding and sealing WATER-STOP membranes to each other or for terminating the membrane to other building elements.

Features High-modulus MS polymer sealant adhesive.
Application with manual or pneumatic gun.

Technical data Supplied in 290 ml cartridge
Coverage of 20 linear m per cartridge with 4 mm bead diameter

Manufacturer Estil Guru S.L.U

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Product

Ref.	Description	Weight (ml)	Format
IG64000	W-S Mastic	290	Tube

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Test table

Characteristics	Method	Unit	Value
Sagging	ISO 7390	mm	None
Skin formation	-	min	10 - 15
Surface curing	-	min	20 - 30
Curing rate (at 23°C and 55% relative humidity)	-	mm/day	3
Volume change	ISO 10563	%	< 5
Density	ISO 2811-1	g/ml	1,37
Application temperature	-	°C	+5 a +40
Hardness (Shore A)	DIN 53505	-	30
100% elastic modulus (7 days at 23° and 55% relative humidity)	ISO 37	MPa	0,65
Tensile strength (7 days at 23° and 55% relative humidity)	ISO 37	MPa	2
Elongation at break (7 days at 23° and 55% relative humidity)	ISO 37	%	600
Service temperature	-	°C	-40 a +90
Shear resistance of WATER-STOP membrane overlaps	EN 12317-2	N/5cm	≥200
Total VOC content	SCAQMD RULE 1168	g/l	25

Additional information

Supplied in 290 ml cartridge and in boxes of 12 cartridges.

Coverage: 20 linear m per cartridge with 4 mm bead diameter (5 to 6 linear m of overlap joint).

Adhesion: Excellent on sheet metal, galvanised sheet metal, steel, aluminium, copper, brass, wood, polyester, PVC and the most common materials used in construction.

UV and weathering resistance: Very good.

Chemical resistance: Very good to diluted inorganic acids and alkalis, water, soapy water and salt water.

Other applications:

- All types of bonding and sealing applications in construction.
- Fixing of mirrors, skirting boards, partitions, shower screens, mouldings.
- Structural bonding in constructions subject to vibration.
- Ventilation and air-conditioning installations.

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Information relating to use, handling and transport

- Store in a cool, well-ventilated place.
- Keep the container closed when not in use.
- Store away from heat.
- Keep out of reach of children.
- Shelf life: 12 months in unopened cartridge.
- Fresh product can be removed with an organic solvent. Once cured, it can only be removed mechanically.
- Avoid contact with skin and eyes. Wear gloves and, if hands become soiled, wash them with an industrial detergent while the product is still fresh. **HANDS MUST NOT BE WASHED WITH SOLVENTS.**
- The elastomer obtained after curing can be handled without any risk.
- For further information, consult the product SAFETY DATA SHEET.

Method of use

- Apply with a manual or pneumatic gun on dust- and grease-free surfaces.
- Cut the nozzle to the required diameter in order to apply a bead with suitable thickness for the installation.
- The bead must be continuous; in the event of a break or interruption, restart the bead line from 2 cm before the end point.
- Smooth with soapy water, pressing the sealant properly onto the substrates.

Procedure for joining WATER-STOP membranes:

- Place the membranes with an overlap of approximately 5 cm for the joint.
- Apply the sealant in two continuous parallel beads on the inside of the overlap and a third zig-zag bead between them to increase the contact surface. Use a nozzle of approximately 4 mm.
- Lower the overlap and press with a spatula towards the edge for uniform bonding.
- Apply a bead along the edge of the joint to form a sealing layer.
- Smooth with a spatula moistened with soapy water.
- You will find broader and more detailed information in the WATER-STOP INSTALLATION GUIDE.

Store at a temperature between 5 and 25 °C. In case of exposure to lower temperatures, condition for 24 hours at 20 °C before use. **WARNING:** Exposure to extremely low temperatures (<-10 °C) may cause crystallisation or hardening of the adhesive.