

W-S SEALANT

Description: Ambient temperature-curing MS polymer-based adhesive sealant activated by air humidity. Used as a waterproofing complement for bonding and sealing WATER-STOP sheets together or for attaching the sheet to other elements in construction projects.

Use: Application with manual or pneumatic gun.

Standard: ISO 11600 F-25HM

Manufacturer: Estil Guru S.L.U.

Factory Code: 589-IQ

CHARACTERISTICS	METHOD	UNIT	TOLERANCE	VALUE
Hang at 23°C and 0% relative humidity	ISO 7390	mm	-	0 mm (a 5 °C y 50 °C)
Tack free	Internal	min.	-	10 - 15
Skin formation at 23°C and 0% relative humidity	Internal	min.	-	25 - 30
Curing speed at 23°C and 55% relative humidity	Internal	mm/día	-	3
Volume variation	ISO 10563	%	-	< 5%
Density	ISO 2811-1	g/ml	-	1/37
Total VOC content	SCAQMD rule 1168	g/l	-	25
Hardness (Shore A)	ISO 7619-1	-	35 // 44	40
Elastic modulus 100% at 2 mm thickness, 7 days at 23°C and 50% relative humidity	ISO 37	MPa	-	0,65
Tensile strength	ISO 37	MPa	-	2
Elongation at break	ISO 37	%	-	600
100% elastic recovery after stretching	ISO 7389	%	-	>80
Shear resistance of WATER-STOP sheet overlaps	EN 12317-2	N/5cm	-	≥230
Service temperature	-	°C	-	-40 a +90
Application temperature	-	°C	-	+5 a +50

Additional Information

Available in 9,8 fl oz cartridges and packed in boxes of 12 cartridges.

- Performance: 72 ft per cartridge with a 0,16 in cord diameter (16,4 to 19,7 ft of overlap joint).
- Adhesion: Excellent on sheet metal, galvanized sheet, steel, aluminum, copper, brass, wood, polyester, PVC, and the most commonly used construction materials.
- Do not use on bituminous substrates or on construction materials that may release oils, plasticizers, or solvents, such as rubber, neoprene, or EPDM.
- UV and weather resistance: Very good.
- Chemical resistance: Very good against diluted inorganic acids and alkalis, water, soapy water, and saline water.
- Other applications:

All bonding and sealing applications in construction.
 Mounting mirrors, baseboards, partitions, screens, moldings.
 Structural adhesives in vibration-prone constructions.
 Ventilation and air conditioning installations.
 Sanitary applications.



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Information regarding use, handling, and transportation:

- Store in a cool, well-ventilated place.
- Keep the container tightly closed when not in use.
- Store away from heat sources.
- Keep out of reach of children.
- Shelf life: 12 months in unopened cartridge.
- Fresh product can be removed using an organic solvent. Once cured, it can only be removed mechanically.
- Avoid contact with skin and eyes. Use gloves, and if hands get soiled, wash with an industrial detergent while the product is still fresh. DO NOT wash hands with solvents.
- The rubber obtained after curing can be handled without any risk.
- For further information, refer to the product's Safety Data Sheet.

Usage Information:

Instructions for use:

- Apply with a manual or pneumatic gun on dust-free and grease-free surfaces.
- Cut the nozzle to the required diameter to create a bead of appropriate thickness for the installation.
- The bead should be continuous. In case of breakage or interruption, resume the bead line from 0,8 in before the end.
- Press the sealant appropriately onto the surfaces.
- Procedure for joining WATER-STOP sheets:

Position the sheets with an overlap of about 2 in for joining.

- Apply the sealant in two continuous parallel beads on the inner part of the overlap and place a third zigzag bead between them to increase the contact surface. Cut the nozzle to have a 0,16 in bead.
- Lower the overlap and press with a spatula towards the edge for even bonding.
- Apply a bead at the edge of the joint to form a sealing layer.
- Smooth with a spatula dampened with soapy water.