

## 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.

**NORMATIVE REFERENCES:** ISO 11600 F-25HM

**MANUFACTURER:** GURU USA L.L.C.

### REFERENCES:

| REFS.   | DESCRIPTION |                                                                           |
|---------|-------------|---------------------------------------------------------------------------|
| IGU6400 | W-S SEALANT | Sealant adhesive to seal WATER-STOP products and its complementary drain. |



### TEST TABLE:

| 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/day | -         | 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.

## INFORMATION REGARDING USE, HANDLING AND TRANSPORT:

- » 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.