

weberseal MS-Ultra No Stain

weberseal MS-Ultra No Stain is one-component adhesive based on hybrid silicone polymer, which can be cured by reacting with moisture in the air and gradually form a high-strength elastomer.

PACKAGING: Sausage 600 ml. (20 sausages/box)

COLOR: White and Grey

INTENDED USE

It bonds easily to most materials easily, such as rubber, glass, copper, aluminum, steel and most plastics, it even bonds unlike materials to one another such as glass to aluminum or rubber to metal. It is a multi-purpose high-quality silicone, it can bond mirror to painted surfaces, plaster, metal, or wood.

ADVANTAGES

- No Stain of sealant on the joint and covering materials
- Suitable for construction joints.
- Fast setting adhesive ideal for bonding various materials and preassembled parts.
- Excellent adhesion to various substrates
- Easy to use
- Strong and yet flexible
- Eco-friendly

USED

- Concrete and masonry
- Door and window frames
- Aluminum, copper, brass, and zinc
- Stainless, mild, or galvanized steel
- Glass and ceramic tiles.
- Glass reinforced plastics.
- Fiber or wood-chip cement boards
- Timber floor and skirting/plywood.
- Kitchen and sanitary
- Mirrors and cabinets RES

SURFACE PREPARATION

- Joint surfaces must be clean and free from frost and surface water. Remove all dirt, laitance, loose materials and foreign matter
- Remove all rust, scale and protective lacquers from metal surfaces
- Non-porous surfaces should be degreased using a suitable cleaner
- In all joints a backing rod must be used to prevent sealant contact with the back of the joint, and hence allow optimum performance.
- In shallow joints self-adhesive polyethylene tape can be used.
- Use masking tape seam beside the joint to protect from excessive
- Modified silicone sealant

APPLICATION

- Cut the wire clamped end of the sausage and fit with open end towards the nozzle into a fully enclosed barrel gun
- Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish if necessary with a spatula
- Masking tape is then removed immediately within 10-15 minutes after application
- Any uncured material can be removed using a suitable solvent or an approved sealant remover

Design Criteria :

weberseal MS-Ultra No Stain may be applied to joints between 10 and 35 mm. wide. To minimize stresses imposed on the joint sealant, all moving joints should be designed to an optimum width to depth ratio of 2:1. This ratio is subject to these overriding minimum sealant depths:

- 5 mm. minimum sealant depth at any point
- 5 mm. minimum bonding depth against metals, glass and other non-porous surfaces, providing that joint faces are in good condition
- 8 mm. minimum bonding depth against masonry or other porous surfaces, or any non-porous surfaces where joint faces are in poor condition
- Shear joints shall be a minimum joint width to depth ratio of 2:1 up to a maximum of 1:1

Storage and shelf life

12 months from date of production if kept in undamaged and unopened original sealed containers. Stored in a protected area away from direct sunlight in dry conditions at temperature between +5°C and +45°30°C

TECHNICAL DATA		
Appearance	Standard	Result
Density	1.47±0.10 g/cm ³	1.47 g/cm ³
Tack free	20-60 min	40 min
Sagging	≤ 1 mm	0 mm
Solid Content	≥ 97.0 %	99.1 %
Hardness. Shore A 7 Days	20-30 /	25 /
Curing Depth 24 hours	≥ 2.5 mm	3 mm
Curing Depth 7 Days	≥ 6 mm	7 mm
Elongation at break 7 Days	≥ 600 %	1,114 %
Tensile Strength 7 Days	≥ 0.5 MPa	1.10 MPa

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

RESTRICTIONS

1. To the substrate that the surface temperature exceeds +50°C or apply at temperatures below 5°C.
2. To the surfaces that with direct touch of food.
3. Do not use for structural glazing.
4. Not recommended for continuous water immersion applications.
5. does not adhere to difficult substrates like Teflon and polyethylene