



weberseal MS

weberseal MS is a tough, durable elastomeric joint sealant suitable for use in a wide range of external and internal building applications

Advantages

- Very good adhesion to many substrates
- Isocyanate and solvent free
- Odourless and low VOC
- Excellent weather and UV resistant
- Excellent paintability
- Mold resistant
- Fast curing
- Stain-free (No oil migration)



Used

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

Package

Cartridge 280 ml. (20 cartridges/box)
Sausage 600 ml. (20 sausages/box)

Color

White, Grey, Black



Saint-Gobain Weber Co., Ltd.

14th Fl, Gypsum Metropolitan Bld. 539/2 Sri-Ayutthaya Rd., Phayathai, Ratchathewi, Bangkok 10400 Thailand
Tel: +66 (0) 2 245 8777 Fax: +66 (0) 2 245 7425-8 contact@weberthai.com

weber
SAINT-GOBAIN



weberseal MS

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 barrier 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. Deep joints should incorporate a backing rod to support the sealant while also acting as a bond breaker
 - Use masking tape seam beside the joint to protect from excessive silicone sealant

Application

- Cartridge: Cut the end off the threaded stub on cartridge, screw on the nozzle and cut the nozzle to the desired bead size at a 45° angle
- Sausage: 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





weberseal MS

Design criteria

weberseal MS 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

Consumption

Joint Width	10 mm.	12 mm.	15 mm.	20 mm.
Joint depth	5 mm.	6 mm.	7 mm.	10 mm.
Joint length / 280 ml	~5.5 m.	~4.0 m.	~2.5 m.	~1.5 m.

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 +10°C and +25°C

Cleaning

Clean all tools and application equipment immediately with a suitable cleaner. Hardened/cured material should be removed mechanically



Saint-Gobain Weber Co., Ltd.

14th Fl., Gypsum Metropolitan Bld. 539/2 Sri-Ayutthaya Rd., Phayathai, Ratchathewi, Bangkok 10400 Thailand
Tel: +66 (0) 2 245 8777 Fax: +66 (0) 2 245 7425-8 contact@weberthai.com

weber
SAINT-GOBAIN



weberseal MS

Technical Specification

Test	weberseal MS
Material type	Modified silicone polymer
Specific gravity	1.4 kg. /litre
Viscosity	350,000-550,000 cps (10 rpm, at 28°C)
Tack free time	60±15 minutes
Curing rate	~ 3 mm/24h (+23°C / 50% RH)
Shrinkage	None
Movement capability	±25%
Slump	0 mm.
Tensile strength	> 0.8 N/mm ² (+23°C / 50% RH)
Elongation at break	> 500%
Fungus and algae resistance	Pass
UV and weathering resistance	Pass

