

## FLEX SEAL 151MS

Modified Silicone Sealant

### GENERAL DESCRIPTION

AXEL FLEX SEAL 151MS is a single component, low modulus modified silicone based sealant which has fast curing property. It forms an elastic and durable seal.

### RECOMMENDED USES

AXEL FLEX SEAL 151MS is designed for sealing joints where a good performance sealant is required in:

- \* Window and door perimeter sealing
- \* Marbles, Granites and GRC facades
- \* External: Seam or lap between roofs and wall
- \* Concrete joints

### CHARACTERISTICS & ADVANTAGES

- \* Fast cure
- \* Excellent elasticity and flexibility
- \* Non-staining
- \* Excellent durability
- \* Low VOC.
- \* Stable extrudability

### COVERAGE

FORMULA:  $600 / \text{width (mm)} \times \text{Joint depth (mm)} = \text{meter run covered.}$

### COLOURS

Black

### PACKING

600 ml / sausage

### STORAGE

Store in a dry, cool and shaded place

### SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.



**SURFACE PREPARATIONS**

Clean all joints by removing foreign matters and contaminants such as oil, dust, grease, water, old sealants and any protective coatings by grinding, saw cutting, blast cleaning (sand or water), mechanical abrading or a combination of these methods to provide a sound, clean and dry surface for sealant application. Surface dirt, loose particles, etc., should be blown out of joints with oil-free compressed air vacuum cleaned. Non-porous and plastic surfaces should be cleaned with AXEL SOLVENT 914.

Porous substrates (concrete and masonry) should be primed with AXEL PU PRIMER 1008 wherever required. Allow primer to dry for between 15 minutes to a maximum of 6 hours.

**METHOD OF APPLICATION**

- \* Placed **AXEL FLEX SEAL 151MS** sealant into a barrel gun.
- \* Apply the sealant in a continuous operation using enough pressure to properly fill and seal the joint.
- \* Tool off the surface of sealant immediately, with sufficient pressure to spread the sealant against the back-up material and joint surfaces.

Notes:

- \* Wet tooling using solvent, soap/detergent solutions are not recommended.
- \* Not suitable for use in condition that constantly immersed salt water.

**CLEANING OF TOOLS**

Clean all tools and application equipment with solvent immediately after use. Hardened or cured material can only be mechanically removed.

**TECHNICAL SPECIFICATIONS**

No. of components	One
Appearance	Paste
Specific gravity (28°C)	1.35-1.45 kg/l
Viscosity(28±2°C)	350,000-500,000 cps
Tack free time (28°C)	60 ± 15 minutes
Tensile strength (at maximum displacement)	7.5 – 8.0 kgf/cm <sup>2</sup>
Tensile strength (at 50% displacement)	2.0 – 2.5 kgf/cm <sup>2</sup>
Elongation	500 %
Application temperature	5 to 35 °C

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