



Super Flex Sealant

Elastic, single component MS polymer based joint sealant. It is a low modulus sealant suitable for both indoor and outdoor applications.

Advantages:

- Highly thixotropic: Suitable for horizontal and vertical joints
- Low modulus - can withstand extreme joint movement
- Does not contain solvent, silicone or isocyanate
- High bond strength on nearly all surfaces
- Primer less adhesion on many different substrates
- No bubble formation, even in wet and humid conditions
- Very good UV resistance
- Over-paintable with water based paints

Usage Areas:

- Expansion and connection joints in the building industry
- Sealing of joints in prefabricated buildings
- Movement joints in high rise constructions
- Sealing between window and door frames
- Where joints have to be painted

Standards:

- The requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.
- The French VOC requirements for class A+
- CE marked for EN 15651 for façade & glazing applications.

How to use:

- Before the application, the tip of the cartridges is cut and a plastic cap is fixed.
- The tip of the cap is cut according to the width of the surface and fixed to the cartridge gun.
- The sausage package is cut from one edge and fixed to a suitable gun. Then the cap nut is screwed to the cylinder of the gun.
- The joints should be filled at one time and without gaps during the application.
- The surface of MS Flexi applied in the joints should be smoothed with a dampened spatula, glazing tool, joint iron or by hand immediately.
- If used, the adhesive tape should be removed afterwards.
- The opened packages should be consumed as quickly as possible.
- The contaminate areas and used tools should be cleaned with white spirit or alcohol within 10 minutes. It is cleaned only mechanically after cured.
- Joint width/depth ratio should be 2:1.



Consumption (approx.):

Width	Depth	Efficiency /9,8 oz
0,4in	0,2in	18ft
0,6in	0,3in	6,6ft
0,8in	0,4in	4,9ft
1,0in	0,5in	3,3ft
1,2in	0,6in	2,0ft

Limitations:

- The application surface should be clean, dry and grease- and dust-free.
- MS Flexi may be applied to a variety of substrates. It bonds without primer on almost all materials occurring in the building industry. If not sure, we recommend a preliminary compatibility test.
- The contaminate areas and used tools should be cleaned with white spirit or alcohol. It is cleaned only mechanically after cured.

Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

Shelf Life:

- They should be protected from water, frost and adverse air conditions.

- They should be kept dry and cool on wooden pallets at between +50°F and +77°F in moisture free conditions.
- The opened products should be consumed immediately.
- Shelf life is maximum 12 months conditional to complying with the aforementioned storage conditions.

Packaging (Weight/Volume):

9,8 oz (White). 12pcs in a box.

Physical & Chemical Properties

Chemical Structure: MS Polymer

Curing System: Moisture

Density: 1.38 ± 0.03 g/ml

Color: Paste, White, Black or Grey

E100 Modulus: <56 PSI(ISO 8339)

Hardness Shore A: 25 ±5 (ISO 868)

Skin Time: Approx. 60 min. (73°F and 50% R.H)

Sagging: 0 inch

Curing Rate: Min. 0,1in/day (73°F and 50% R.H)

Elongation at Break: ≥350% (ASTM D412)

Volume Loss: <3% (73°F and %50 R.H.)

Tensile Strength: 145 – 217 PSI (ISO 37)

Service Temperature: -40°F to +194°F

Application Temperature: +41°F to +104°F