

Technical Information Sheet Article No. 9902

Flexi-Seal LM

Low modulus, highly elastic joint sealant for facades based on hybrid polymer.

Range of use

- High bond to most surfaces
- Odourless
- Colour stable
- UV resistant
- Bubble free curing
- Over-paintable (test first)
- Excellent weather resistance
- No primer required for most surfaces, except when required to resist water pressure
- Isocyanate free

Property profile

Flexi-Seal LM is an easy to use versatile single component joint sealant.

It is ideal for use in sealing expansion and connection joints in the construction industry such as joints between concrete panels, brickwork, stone, window and door frames.

It is also suitable for use in automotive and marine applications where high movement accommodation is required.

Resistance

The sealant has good resistance to water, aliphatic solvents, mineral oils, grease, weak inorganic acids and alkalis.

Characteristic data of the product

Consistency:	Paste
Curing System:	Moisture Cured
Skimming Time: (20°C, 65% RH)	Approx. 10 mins
Cure Rate: (20°C, 65% RH)	2mm per 24 hours
Hardness:	Shore A 25 +/- 5
SG:	1.45
Elastic Recovery:	>70%
Movement Accommodation:	+/- 25%
Elongation at Break:	>900%
Temperature Resistance:	-40°C to +90°C (cured)
Test Certificates:	ISO 11600 F 25LM

The sealant has low resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Substrates

Substrates should be clean, dry, free from grease and dust.

Most surfaces do not require a primer. (stone, metal, wood, pvc, concrete, brick, painted surfaces, epoxy, PUR)

Adhesion to silicone is not good.

Porous substrates in situations where positive water pressure will have to be resisted (ie: underwater tanks) may require priming. Contact Remmers for advice in this situation.

Application

Apply by sealant gun into the joint with a correctly inserted backing rod or bond breaker tape to ensure that the joint sealant is not torn in service by being bonded at the rear face.

Tool smooth once installed, using a mildly soapy solution before skin formation.

Cleaning can be achieved with white spirit or Thinner V103 immediately after application and before curing.

Notes

Joint dimensions should normally fall in the range width = 2x depth except below 10mm width where the aspect ratio should be 1:1

Flexi-Seal LM is over-paintable with most water based and many other paints however we strongly recommend to conduct a trial for compatibility before application.

Flexi-Seal LM is not designed as a glazing sealant.

Packaging, shelf-life

Packaging:

290 ml cartridges.
600 ml foil sausages.

Shelf-life:

At least 12 months stored in a frost-free environment, in unopened, original containers that are protected from direct sunlight.

Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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