

Technical Information Sheet Article No. 9901

Flexi-Seal HM

High modulus, tough-elastic adhesive and joint sealant.

Range of use

- High bond to most surfaces
- High grab
- Powerful bond strength even on damp 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
- Areas prone to vibration
- Paintable gap filler and sealant
- Floor joints
- Sanitary and Kitchen areas – resists mould growth
- Sealant for stone surfaces
- Bonding most surfaces together with an exceptionally tough flexible bond.

Property profile

Flexi-Seal HM is an easy to use versatile adhesive sealant with excellent bond and Shore Hardness of A40-45.

It is ideal for use in sealing expansion and connection joints in

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)	3mm per 24 hours
Hardness:	Shore A 40 +/- 5
SG:	1.65
Elastic Recovery:	>75%
Movement Accommodation:	20%
Elongation at Break:	>600%
Temperature Resistance:	-40°C to +90°C (cured)

the construction industry such as joints between concrete panels, brickwork, stone, window and door frames.

Due to its high modulus of elasticity it is well suited to sealing of joints in resin flooring as it offers good arris support as well as a degree of movement accommodation.

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

Resistance

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

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 HM 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 HM 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.

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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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.



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