



FIX2 - Multipurpose Adhesive Sealant

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Technical Data:

Base	Hybrid Polymer
Consistency, Density	Stable Paste
Curing system	Moisture Cure
Skin Formation(*)	Approx. 10 Minutes (20°C/ 65% R.H)
Tack Free Time (*)	Approx. 4 hours (20°C/ 65% R.H)
Cure Rate (*)	2-3mm/24hr (20°C/65% R.H)
Hardness	40 ± 5 Shore A
Change In Volume	<2%
Density	1.67 g/ml
Maximum Deformation	± 20%
Temperature Resistance (cured)	- 40°C → 90°C
Elastic Modulus 100%	0.75 N/mm ² (DIN 53504)
Tensile Strength	1.8 N/mm ² (DIN 53504)
Elongation At Break	> 750% (DIN53504)
Application Temperature	5°C → 35°C

(*) Values may vary depending on environmental conditions

Product:

Fix2 is a high quality single component joint sealant with high adhesive strength. It is based on a Hybrid Polymer, which is chemically neutral and fully elastic with excellent primerless bonding. For use in low movement joints, adhesion and waterproofing in the construction, automotive, marine and aerospace industries where a strong bond and/or UV resistant flexible seal is required.

Characteristics:

- Good bond strength on a wide variety of substrates
- Non Yellowing white
- High performance mechanical properties
- Flexible elastic rubber when fully cured; movement accommodation up to 20%
- Very low emmision, and is impervious to mould

- No bubble formation within the sealant
- Primerless adhesion to most common substrates (Compatability tests recommended)
- Easy to tool and finish
- Excellent extrudability and UV resistance
- Ecological advantages- free from isocyanates, and solvents
- Minimal health and safety considerations
- Can be painted with all water based paints and many other systems*
- No staining of porous materials such as natural stone, granite, marble, etc.

Applications:

Sealing and bonding of most common substrates where a flexible seal/joint is required,. Suitable for bonding and sealing but not limited to

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Applications (cont.):

steel, aluminium, stainless, PVC, fiberglass, concrete, composite, glass, timber, mirrors, polystyrene, rubber, PU foam, etc....Connection joints in sheet metal fabrication. Sealing and bonding of coachwork, caravans, boats, commercial ferries and ships, buses, aircraft, domestic and commercial construction. We do not recommend the Fix2 for use in sealing exterior exposed oily wood such as teak, instead we recommend Fix1DC for this application.

Packaging:

Colour - White

Packaging – 125ml Squeeze Tube

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +23°C.

Surfaces:

Typical Surface: Abraded with red abrasive pad or suitable sand paper, clean, dry, free of dust and grease, wipe surface clean with Industrial Alcohol.

Priming:

a): For porous substrates we recommend Fixseal 1060 Epoxy Sealer be applied.

b): PP Plastics we recommend Primer PR20 be applied for good adhesion.

Health- and Safety Recommendation:

Apply the usual industrial hygiene. Wear gloves . Safety Glasses.

Joint Dimension:

Minimal Width: 2mm (bonding)
5mm (joint)

Maximum Width: 10mm (bonding)
30mm (joint)

Minimum Depth: 5mm(joint)

Recommendation: Width of joint = 2 x depth

Application:

Method: Remove cap and seal then squeeze out required amount of adhesive.

Clean up: Methylated Spirits or industrial alcohol cleaner immediately after application and before curing

Do Not tool or touch the adhesive surface with any solvents.

Tooling: mild diluted soapy solution (e.g. pH neutral dishwashing liquid diluted in fresh clean water), before skin formation

Repair: Fix2

Remarks:

- Fix2 may be overpainted with water based paints, however due to the large number of paints such as and not limited to 1 and 2 pack PU paints, acrylics, 2 pack varnishes that are available we strongly recommend compatibility tests before application.
- The drying time of some alkyd paint systems may increase and some enamel and oil based paints will not cure properly.
- Fix2 can be applied to a wide variety of substrates. Due to the fact that the specific properties of substrates will differ from manufacturer to manufacturer we strongly recommend compatibility tests.

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Fixtech Pty Ltd. PO Box 568, Southport, Qld 4215. Tel: +61 (0)7 5530 1099. Fax: +61 (0)7 5530 1322

Email: info@fixtech.com.au

Web: www.fixtech.com.au