



Fixseal 1060 – Epoxy Sealer/Preserver

Revision: 06/2016

Page 1 of 2

Technical Data:

Base	Epoxy Resin Solution
Consistency	Liquid
Curing System	Polyamide cured
Colour	Clear + Yellow Brownish
Potlife @ 65% R.H	6 Hrs
Drying Time	10 ⁰ C – 240 min 20 ⁰ C – 90 min 30 ⁰ C – 60 min Full cure 3 days at 23 ⁰ C
Overcoat Time	10 ⁰ C – 120 min 20 ⁰ C – 60 min 30 ⁰ C – 45 min 24 hours for all other coatings Maximum open interval time: 24 hours
Specific Gravity	0.90 kg/ltr
Volume Solids	22%
VOC	610 g/ltr
Mix Ratio	1A:1B by volume and weight
Recommended Induction	15-20 minutes (Time after mixing and before application)
Minimum Application Temp.	8 ⁰ C (Application not recommended when temperature is below 8 ⁰ C)
Maximum Applicaton Temp.	35 ⁰ C (Application not recommended when temperature exceeds 35 ⁰ C)
Maximum Relative Humidity	80% (Application not recommended when relative humidity exceeds 80%)

(*) Values may vary depending on environmental conditions

Product:

Fixseal is a two pack penetrating epoxy resin solution used as a primer/sealer for porous substrates such as timber, stone, concrete and many other porous substrates.

Fixseal is also used to seal timber, plywood, MDF to prevent and eliminate moisture uptake and ingress, reduce timber warping and prevent dry rot. Permanent lasting and suitable to paint over.

Characteristics:

- Easy to mix & apply 1:1 mix ratio
- Penetrate and seal porous substrates
- Prevents water and moisture uptake
- Cures to a hard film in 72 hours.
- Repairs and strengthens poor or soft timber

- After mixing, cover the mixture, wait 15-20 minutes, apply onto the substrate as required.

Benefits:

- Prevents timber warping due to moisture
- Prevents dry rot in timber
- Prevents mould in wet areas
- Can be used as a primer prior to painting (compatibility tests recommended)
- Recommended for sealing teak deck caulking seams prior to caulking application
- Suitable for concrete, stone and porous substrates

Note: The contents contained in this documentation are the result of our experiments and our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the real number of possible applications which are out of our control we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments and compatibility tests.

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



Fixseal 1060 – Epoxy Sealer/Preserver

Revision: 06/2016

Page 2 of 2

Substrate Preparation:

Timber: Natural timber, sand surfaces using 80-100 grit to ensure an even surface, removing all loose timber.

Man made timber surfaces, ensure the surface is an even surface. All Timber surfaces are to be free from dust, dirt, oils, grease, wax, silicone and other contaminates.

Moisture content of timber should be approximately 9-11%.

Brick, stone, concrete: all stone, brick and concrete surfaces are to be clean, dry and free from dust, dirt, oils, grease, wax, silicone and other contaminates. Ensure the surface is not crumbly and of good sound nature.

Method of Application:

Best results are achieved by brush or roller, spray could be used in production situations. Two coats are recommended as a minimum.

1. Mix equal parts of both components A & B together thoroughly until they form a uniform colour
2. Set aside, covered for 15-20 min for induction to occur.
3. Apply 2 coats to the substrates using a brush, roller or spray gun. Please follow overcoat times above.
4. Do not allow Fixseal to fully cure between coats
5. For teak deck caulking, 1 full cover coat is acceptable; do not apply the caulking sealant until the epoxy coating has dried.
Minimum 1 hour @ 20°C & 23% R.H.
6. Do not mix freshly catalysed Fixseal with material that has been previously mixed
7. Fixseal fully cures in 3-4 days.

Thinning: Methylated Spirits no more than 5% after mixing componets

Coverage Rates:

These application rates are only estimates. Application method, substrate and temperature at time of application can effect coverage results.

- Ave. coverage rate 1st Coat 6sqm/Lt
- Ave. coverage rate 2nd Coat 10sqm/Lt
- Caulking sealer for 5 x 5 mm seam including waste coverage is approx. 240m/Lt per coat.

Packaging:

500ml kit	= 2 x 250ml part A & B
2 Ltr kit	= 2 x 1000ml part A & B
8 Ltr kit	= 2 x 4000ml part A & B
40 Ltr kit	= 2 x 20ltr part A & B

Shelf life:

18 months from date of production; In unopened packaging stored in a cool and dry place at temperatures between +5°C and 23°C

Paintability:

Check compatability before painting.

Clean up: Clean tools with industrial alcohol before curing, mechanical removal after curing

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Wear gloves . Safety Glasses.

Volitile solvents are released during mixing, brushing and curing.

- Avoid contact with skin and eyes

- Provide adequate ventilaton

- All work involving the application and use of this product should be carried out by qualified industry professionals and in compliance with relevant health and safety regulations.

This product must not be used without referencing the Fixseal FIX1060 Material Safety Data Sheet.