



## Fix30

**Fix**<sub>30</sub> is a one-component low viscosity high strength timber and stone bedding and bonding sealant that is chemically neutral and fully elastic.

Fix30 is designed for the following bonding and sealing applications:

- Traditional Teak Deck bonding,
- Marine Deck 2000, and other cork marine decks, Aquadek, Seacork etc..
- Marine Plywood
- Granite, marble, stone and other natural products

Fix30 is a low viscosity product and is ideal for full surface bonding of many materials where a tough flexible rubber with high adhesive strength is required.

Fix30 is a bedding adhesive and it is not required to be UV resistant, and it does not form any chemical bubbles during curing. It's service life is suitable for above and below water line applications such as Marine teak decks bonded onto lowering swim platforms and all above waterline Marine decks. When cured it is resistant to fresh water, seawater, diluted acids, hydrocarbons and mineral oils.

Fix30 is suitable for bonding teak decks, timber, foam core, marine plywood, stone, granite, marble type surfaces on fibreglass, aluminium, steel, stainless steel, timber, polystyrene, mirrors, concrete etc. Due to its properties of elasticity and tenacity it also is an excellent adhesive acting as an absorber against vibrations, expansions impacts and shocks.

### PREPARATION OF SUBSTRATES:

#### FIBREGLASS SUBSTRATES

Roughen surface by abrasion and remove any anti slip flooring nodes and all residual dust. Degrease the substrate with 100% alcohol cleaner or methylated spirits in a clean lint free cloth, and allow to dry (Do not use Paint Prep solutions). Keep the substrate surface clean and free from dust and other foreign materials before applying Fix30 Adhesive Sealant.

#### STEEL AND ALUMINIUM SUBSTRATES

Roughen surface with coarse-grained abrasives and



remove all residual dust. Degrease the substrate with 100% alcohol cleaner or methylated spirits in a clean lint free cloth and allow to dry (Do not use Paint Prep solutions). Keep clean and free of dust and other foreign materials before applying Floorfix Fix30 Adhesive Sealant.

#### TIMBER AND STONE SUBSTRATES

Abrade (sand) substrate area and remove all residual dust. Make sure that the substrate timber or stone is dry and free of dust.

**DUSTY or UNSEALED SUBSTRATES** If any part of the substrates remains dusty after abrading and cleaning, it should be sealed with either a good quality epoxy primer or Fixtech Primer PR10 to seal the surface, this may also apply to some substrates where 2K fillers were applied such as a fairing or repairing filler. **TEST BEFORE USE IS BEST.**

Fix30 is very suitable for levelling surfaces where the substrate is irregular or cambered. Leveling may be necessary before applying the Fix30 adhesive in order to avoid water accumulation and subsequent corrosion under the deck.

The application of wet on wet applications may result in surface irregularities and wet on dry is excellent.

Fix30 can be allowed to cure if you wish before applying the bonding layer for decking.

#### DECKING PREPARATION

**Fix30**





CHARACTERISTICS	
COLOUR	Light Brown
CONSISTENCY	Stable Paste, solvent free
CURING SYSTEM	Moisture Cure
SPECIFIC GRAVITY	1.65 g/cm <sup>3</sup>
HARDNESS SHORE A	35 + 5
ELONGATION AT BREAK	300%
TENSILE STRENGTH @ BREAK	>1.5 N/mm <sup>2</sup>
SHEAR STRENGTH @ BREAK	>1.5 N/mm <sup>2</sup>
SKIN TIME (23°C - 55% RH)	30min & 10 minutes adjusting time
CURING RATE (23 °C - 55% RH)	12 hours
TEMP RESISTANCE	From - 40°C to + 90°C
PACKAGING	600mL sausage
SHELF LIFE @23°C Dry	Sausage: 18 months

#### TRADITIONAL TEAK DECK PREPARATION

Grind the back of the teak deck to bring new teak to the surface, brush clean the back of the teak with a stiff broom or cloth and vacuum remove until all dust and debris has been removed and surface is clean. Pour some clean water onto a clean cloth and wipe down the back of the teak area taking away any dust that may have accumulated, turning and changing the cloth regularly. Do not apply Fix30 until the teak deck is dry. Now the clean fresh teak is exposed and is ready for bonding. No primer is required for this application.

#### MARINE DECK 2000, SEACORK, AQUADEK AND OTHER PROPRIETARY CORK FLOOR SYSTEMS PREPARATION

Lightly sand or grind the back of the cork deck to bring up new material to the surface, otherwise ensure the back of the cork deck is free of oils, grease, dust, debris and any other contaminants that could effect adhesion. Now the cork is ready for bonding. No primer is required for this application.

Note: Fix30 cannot bond to PE or PP or Teflon coated surfaces without the use of a Plastic Primer such as Fixtech Plasprime PR500. For more information please contact you're nearest Fixtech Office. See [www.fixtech.com.au](http://www.fixtech.com.au) or [www.fixtech.asia](http://www.fixtech.asia).

## INSTRUCTIONS FOR APPLICATION

Cut the end of the Fix30 600mL sausage behind the steel clip.

With 2 hands grab the sausage and squeeze out the amount you require and can work with, using a 2mm

-4mm notch trowel or spatula spread the Fix30 over the substrate covering the entire area to be bonded.

Traditional Teak decks, cork, parquetry, granite, stone, marble, etc.

It is best to apply a coating of Floorfix Fix30 to both surfaces to ensure good adhesion to each other and to ensure the two surfaces meet each other, Weighting the deck is recommended to promote good adhesion and surface contact between the two surfaces being bonded.

After 12 hours the timber, cork or stone decks can be walked over safely and weights removed. If the temperature including substrate temperature is below 21°C we recommend leaving it longer.

All decks and Individual planks must be positioned within 20-25 minutes from adhesive laying and kept in position with clamps, weights, secret screws or other devices to ensure good contact between surfaces. Once installed the deck can be covered to protect it from traffic if required by placing plywood, MDF or coreflute on top.

#### CLEANING OF TOOLS OR SURFACE WITH UNCURED Fix30

Use 100% alcohol cleaner or methylated spirits to clean tools or surfaces with spilt uncured adhesive sealant, just be careful to clean area carefully without contacting the finished sealant.

#### REPAIR:

Fix30 can always bond to itself (wet on wet or wet on dry)

#### Friendly warning:

Do not apply Acetone to unfinished fibreglass composite as a pre cleaner, as it may reactivate the resins making the fibreglass sticky and will prevent adhesion. If the surface is sticky wait until the surface is completely dry sand/abrade the surface again and clean down with an industrial alcohol cleaner or methylated Spirits. We do not recommend the use of paint preparation solvent as it may contain oil or wax residue.

