



## Fix15 (MSP15)

**Fix**<sup>15</sup> (MSP15) is a high quality single-component UV resistant flexible adhesive joint sealant, suitable for above and below the waterline external and interior bonding, sealing and finishing.

Fix15 (MSP15) is ideal for fittings and fixtures that will be located above and below fresh and saltwater-line applications. Ideal for all visible sealing due to the excellent UV resistance properties and is suitable for structural bonding in conjunction with mechanical fasteners if high impact load is expected.

Fix15 (MSP15) is 100% chemically neutral, contains no solvents, no toxins, no silicone and is rated as non-hazardous by NICNAS Federal Govt. Department Australia (OHAS)

Fix15 (MSP15) Suitable for use in structural low movement joints in marine, automotive, trailer, composite and metallic based components, aerospace and construction applications where a tough flexible adhesive sealant is required.

Fix15 (MSP15) is recommended for fixing and sealing of porous and non porous substrates including; aluminium, steel, stainless steel, brass, copper, most plastics (PVC), glass, carbon fibre, fiberglass, timber, ceramics, foams and structural foam core, mirrors, polystyrene, rubber, concrete, composites, pulltrusion and extrusion fibreglass, PP honeycomb core polyester skin wall panels and many other substrates, if unsure contact your nearest Fixtech office or distributor or carry out your own compatibility test is always recommended.

Fix15 (MSP15) has excellent non-sagging properties and short cut-off string so that it can be applied in thick layers, with no-bubble formation within the sealant, as it does not contain any solvent, and leaves a smooth finish.

Fix15 (MSP15) is paintable with water-based paints almost immediately after becoming tack free and with marine paints and 2K-flow coat after 1 hour. Oil base paints are not recommended as they require a porous substrate to penetrate, oil based paints cannot penetrate Fix15 and therefore will not go off.

Fix15 (MSP15) shows excellent resistance to UV



radiation, large variations in temperature extremes and environmental conditions. Fix15 colours are colour fast and UV stable our white colour will NOT change to yellow colour when exposed to UV radiation and our other colours will also stay true to their colour and will not smudge when exposed to UV radiation.

Fix15 (MSP15) will not stain porous materials such as natural stone, granite and marble we do recommend sample testing to confirm compatibility.

**PREPARATION OF SURFACES:** Quick rule; Surface must be clean, dry free from dust and oil.

**Non-Porous Surfaces:**

For best results sand the surface to be bonded either manually with sand paper or with a grinder or sanding machine, clean the new surface with a good industrial 100% alcohol cleaner or methylated spirits using a clean lint free cloth and rotate the cloth regularly to ensure good cleaning practice. Non-porous surfaces are for example gel coats, aluminium, steel, stainless steel, plastics, 2K PU or epoxy paint as found in the marine or automotive industry.

**Porous surfaces:**

If the surface has had a 2K filler treatment for levelling and top coated, then we would recommend sealing the surface as fillers are porous and failing to seal the surface will result in adhesion/bond failure. If no final

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sealer is applied then we recommend a compatibility test must be performed or apply Primer PR10 to seal the surface before bonding.

For timber and other porous surfaces we recommend a compatibility test to ensure product suitability. Prepare the surface by abrading and ensure it is free of dust, debris and oils. For best results prime porous surfaces with a suitable primer such as Fixtech Primer **PR10**.

**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.

**APPLICATION**

**Cartridge:** cut off the tip only on the plastic nozzle not below the thread at the nozzle location, screw fix the plastic nozzle and cut according to the extrusion diameter required, extrude from cartridge with a manual FG4 or FG5 pneumatic gun.

**Sausage:** Insert sausage into a manual barrel tool FG7 or pneumatic barrel tool FG8, cut the sausage just behind the clip, screw the front end flange nut with the nozzle cut to diameter of bead required onto the barrel tool and dispense carefully.

**Cleaning tools:** Good quality industrial alcohol or methylated spirits leaner immediately after application and before curing

**Tooling :** Soapy pH neutral diluted solution sprayed onto the surface before skin formation

**Repair :** Repair with Fix15

CHARACTERISTICS	
COLOUR	Non-Yellowing White, Black and Grey
CONSISTENCY	Stable Paste
CURING MECHANISM	Moisture Cure
SPECIFIC GRAVITY	1.67g/mL
SKIN FORMATION (23 °C - 55%r.h.)	12 Min.
THROUGH CURING SPEED (23 °C - 55%r.h.)	2 -3 mm in 24 hours
CHANGE IN VOLUME	2%
HARDNESS SHORE A	45 ± 5
MAXIMUM DEFORMATION	+ 20%
ELONGATION AT BREAK	+550 %
ELASTIC MODULUS 100%	0.9 N/mm2
TENSILE STRENGTH	>1.0 N/mm2 (ISO 8839)
SHEAR STRENGTH	>1.0 N/mm2 (ASTM D1002)
TEAR STRENGTH	>2.0 N/mm2 (DIN 53504)
TEMPERATURE RESISTANCE (Fully Cured)	From -40 °C to +100 °C
PACKAGING	Cartridges 290mL, Sausages 600mL
SHELF LIFE	+ 15 months stored in a cool and dry place

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