



**TECHNICAL DATA SHEET** 

# FIX IT GRIP - FMP100

Revision: 6/2016

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Technical Data:	
Base	Polyurethane
Consistency	Stable Paste
Curing system	Moisture Cure
Skin Formation(*)	30 Minutes
Clamp Time (*)	1-2 Hours
Temperature Resistance	-30°C to 100°C
Water Resistance	100% to D4 (DIN EN 204)
Specific Gravity	1.11g/mL
Breaking Strength	> 10 N/mm <sup>2</sup> (DIN EN 204)
Solid Contents	100% (solvent free)

(\*) Values may vary depending on environmental conditions

# **Product:**

Fixit Mate Grip is a single component fast cure assembly adhesive with a high bond strength. Fixit Mate Grip FMP100 is a translucent, 100% waterproof solvent free polyurethane based adhesive.

# **Characteristics:**

- Fast curing, 3-4 times faster than other glues
- Foaming penetration action fills bond cavity
- Very high bond strength
- Waterproof D4
- Does not stain
- Effective on damp surfaces

# **Applications:**

All bonding on all types of porous and some nonporous surfaces, timber bonding in furniture, window and door frame manufacturing. Bonding of polystyrene insulation. Bonding of wooden construction elements and core materials such as Medium Density Fibre Board (MDF). Cement sheet, brick work as well as concrete. Substrates should be abraded and clamped for 1-2 hours.

# Packaging:

*Colour* - Translucent *Packaging* – 310mL cartridge

## Shelf life:

12 months Cartridges; 12 months Foil Bags; from production date. In unopened packaging in a cool and dry storage place at temperatures between +5°C and 23°C.

## Surfaces:

*State of Surface:* clean, dry, free of dust and grease *Preparation:* slight moistening of surfaces improves curing rate and gap filling properties. Substrates require clamping for 1-2 Hrs. We recommend a preliminary compatibility test.

## **Application:**

*Method:* Manual or pneumatic caulking gun Application temperature: +1°C to 30°C *Clean up:* Methylated Spirits or alcohol cleaner immediately after application and before curing

## Health- and Safety Recommendation:

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

## Remarks

• Fixit Mate Grip FMP100 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 test

Note: The contents contained in this documentation are the result of our experiments and our experienceand 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