

MEYFLEX – Technical Data Sheet

MEYFLEX is a construction grade sealant and adhesive suitable for sub-floor bonding and joint sealing of meyFC flooring sheets. With superior permanent flexibility, it is a durable low VOC sealant and adhesive that is waterproof, paintable and easy to apply.



USES:

- Bonding of meyFC flooring sheets to both timber and metal joists.
- Sealing expansion and perimeter joints in meyFC flooring sheets as well as other common construction materials and applications including brick, concrete, aluminium and plasterboard.
- As a waterproofing perimeter fillet beneath waterproofing membranes to satisfy AS3740-2010 (refer Meyer Timber for approved membranes.)

BENEFITS

- Dual purpose – sealant and adhesive in one.
- Elastomeric STP hybrid polymer sealant/adhesive
- Permanently flexible (+/- 25% joint movement)
- Long open/working time
- Waterproof
- Paintable
- Non-hazardous (Isocyanate and solvent free)
- Australian Made

SUBSTRATES:

- meyFC fibre cement sheeting
- Timber
- Steel, aluminium
- Concrete, aerated concrete, masonry
- Plasterboard
- Particleboard
- Polystyrene
- Ceramics, ABS & and most plastics (pre-test).

DIRECTIONS: Refer to the product TDS, SDS and meyFC installation guidelines. Ensure surfaces are clean, dry, sound and free from any dust, oil, contamination or residue of old adhesives or sealants. Porous surfaces and coatings may be cleaned with IPA. Adhesion to metals may be improved by light abrading prior to cleaning with IPA. Cut tip off cartridge or sausage. Angle-cut nozzle to desired size (recommended 6-8mm) and fit nozzle.

BONDING: When bonding meyFC to joists, apply a 6-8mm bead of MEYFLEX along the entire length of each joist and within the edge groove of the sheet. Install sheet before the adhesive forms a skin and fix sheet to joist ensuring full contact with the joist. Fasten using mechanical fastenings in accordance with the meyFC installation guide. Bond strength will develop dependent upon thickness of adhesive, and ambient conditions. Higher humidity and warmer temperatures will hasten bond development. Minimum film thickness for bonding applications is approx. 1mm.

SEALING: Compress suitable sized (~+25% of joint width) foam backing rod into the joint to a depth of 10mm. Open-cell polyurethane foam is recommended. Gun sealant into the joint and tool with a spatula to force sealant into contact with both joint edges.

TECHNICAL DATA

Property	Data
Technology	STP Polymer
Specific Gravity	ca. 1.45
Shrinkage	0%
Skin time	ca. 30-40 minutes @23°C / 50% RH
Full Cure	After 7 days
Shelf Life	12 months unopened
Joint movement	+/-25%
Service Temperature	-40°C to 100°C
Application temperature	5°C to 40°C

CLEAN UP: Uncured – use mineral turpentine. Cured – knife or abrasion.

LIMITATIONS: Not for trafficable joints in exposed applications, polycarbonate, bituminous or surfaces that bleed. Finish may be affected on some porous stone materials – pre-test before use. Pre-test adhesion on painted or coated surfaces. Do not use in joints deeper than 20 mm. Avoid contact with alcohol and other solvent cleaners during cure phase.

SAFETY: Refer SDS for more information. Not hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Do not take internally. Avoid contact with skin and eyes. Wash hands after use. For first aid advice contact a poisons information centre Aus 13 11 26.

DISPOSAL: Dispose of material according to local regulations.

CONSUMPTION:

Bonding and Perimeter Sealing on meyFC

MEYFLEX	meyFC Sheet Size (mm)	Joist Centres (mm)	YIELD (sheets) for Tiled Floor Overlay
600ml Sausage	2700x600	450	3.35
600ml Sausage	2250x600	450	3.87
600ml Sausage	1800x600	600	5.27

Assumes recommended 6mm bead to joists and sheet ends and filling of T&G joints

Sealing Expansion Joints on meyFC

MEYFLEX	Joint Width (mm)	Joint Depth (mm)	YIELD (Lineal metres)
600ml Sausage	5	5	24
600ml Sausage	10	10	6

NOTE: Yields in tables above to be halved for 300mL cartridge.



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