

REFORAC PU 50

TECHNICAL DATA SHEET

1. PRODUCT DESCRIPTION & USES:

Reforac PU 50 FC is a one component moisture curing, high modulus polyurethane adhesive and sealant. Complies with ISO 11600 F-25HM and ASTM C920, TYPE S, GRADE NS, CLASS 25.

- Excellent adhesion to most building substrates
- Fast curing
- Permanent and durable elasticity
- Paintable (prior compatibility test necessary)
- Interior and exterior waterproof joints in building and metal constructions
- Sealing. Mounting, anchoring in building applications

Chemical basis	Polyurethane
Cure mechanism	Moisture Curing
Consistency	Non-Sag paste
Slump	None
Open time at 23°C & 50% RH	15 minutes
Curing time at 23°C & 50% RH	4mm/day
Density	1.15 g/ml or 1.17g/ml
E-Modulus	0.70 mPa
Elongation at break	>300%
Shore A	50
Application temperature	+5°C to +30°C
Temperature resistance	-30°C to +80°C

2. APPLICATION AND LIMITATIONS:

It is recommended that the Material Safety Data Sheet be consulted before product is used. Surfaces to be bonded must be perfectly clean, dry and free from dust, grease oils and debris. Surface preparation: Joint walls must be sound, clean, dry and free from oil and grease. Curing compound residues and any other foreign matter must be thoroughly removed. Install bond breaker to prevent bond at base of joint. Priming is not usually necessary. Most substrates only require priming if testing indicates a need or where Sealant will be subjected to water immersion after cure. Consult our technical service for additional information.

Apply with hand or pneumatic guns (maximum required pressure : 3,5 kg).
When applying avoid air entrapment. Smooth with joint nail or putty knife.
Finish with Finisher.

CLEANING:

Material	
Hands	Soap and water

Immediately with white spirit. Hardened sealant can only be removed mechanically or with sealant remover.

- Avoid exposure to high levels of chlorine.
- Avoid contact with alcohol and other solvent cleaners during cure.
- Do not use in joints deeper than 10mm. Do not cure in the presence of curing silicone sealants.
- Do not apply when a moisture vapour transmission condition exists at time of application, as this can cause bubbling within the sealant.
- Slight yellowing may occur with white sealant exposed to ultraviolet rays.

3. PACKAGING:

Packaging 310 ml cartridges / 600 ml foil bags
White - Grey

4. STORAGE:

12 months in its original packing, in a cool, dry place, between temperatures of +5°C to +25°C. The storage temperature should not exceed 25°C for extended periods of time. Keep away from heat sources.

Material Safety Data Sheet available on request.

SPECIALISTS IN COATINGS ADHESIVES SEALANTS AND TAPES

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DISCLAIMER:

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