

Polyurethane PU 50

LOS 206

Product description

One component moisture curing, high-modulus sealant or adhesive.

Properties:

- excellent adhesion to most building substrates
- fast curing
- permanent and durable elasticity
- paintable (prior compatibility test necessary)

Applications:

- interior and exterior waterproof joints in building and metal constructions
- gluing, sealing, mounting, anchoring in building applications
- expansion joints in industrial floors and periphery of swimming pools

Technical data:

Type:	polyurethane based compound
Consistency:	non-sag paste
Density:	1.15 – 1.17 g/ml
E-modulus at 100 %:	approx. 0.70 Mpa
Shore-A hardness:	approx. 50
Temperature resistance:	-30°C - +80°C
Application temperature range:	+5°C - +30°C
Slump:	None
Elongation at break:	>300 %
Tack-free time:	approx. 15 min. (23°C & 50 % R.H.)
Curing speed:	approx. 4 mm/day (23°C & 50 % R.H.)

How to use:

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.

Application:

Apply with hand or pneumatic guns (maximum required pressure: 3.5 kg) When applying avoid air entrapment. Smooth with joint nail or putty knife.

Cleaning:

Material – immediately with white spirit

Hardened sealant can only be removed mechanically.

Hands – soap and water

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Shelf life:

12 months at temperature +5°C to +25°C

Limitations:

- Avoid exposure to high levels of chlorine.
- Avoid contact with alcohol and other solvent
- Do not use in joints deeper than 10 mm.
- 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.

Suggestions, processing and use of our products correspond to the best knowledge at printing of this leaflet and are always given without obligation. You only can serve as a clue in consideration of the changing conditions; from this no liabilities, liability and guarantee claims can be derived. Own tests must be carried out before application. Every manufacturer of our products is liable for the retention everything legal to regulations.