



PU 523

High-Performance, Single Component, Polyurethane Sealant

DESCRIPTION

PU 523 is a single-component (moisture curing), polyurethane joint sealant. The sealant has a 25% joint movement capability. It has good gunning, tooling and cure characteristics over a wide temperature and humidity range.

BASIC USES

- Under waterproofing membranes
- Cast in place concrete
- Precast panels
- Brick and block work
- General purpose perimeter caulking

FEATURES & BENEFITS

- No bubbling/blistering when cured under conditions of high temperature and humidity.
- Excellent adhesion on a wide variety of substrates.
- Excellent gunning, tooling and storage stability over a wide range of temperatures.
- Good chemical resistance.
- Can be overpainted with water based paints. Other types of paints should be discussed with tech service. However, paint is generally not as flexible as PU 523 and therefore the paint may crack and peel as a result of joint movement.

PACKAGING

600 ml sausages – 20 per box

COLOURS

White and Grey

SHELF LIFE

In the original unopened packaging the sealant has a 12 months shelf life from the date of manufacturing.

COVERAGE

16 meters per 600 ml Sausage (6mm x 6mm) joint

DIRECTIONS FOR USE

- PU 523 is easy to apply with conventional caulking equipment. Ensure that the backer rod is fitted properly for friction and that any necessary primers have been applied.
- Fill the joint completely with a proper width-to-depth ratio. Tool to ensure good contact with the substrate and the formation of a concave surface in the sealant bead.
- Dry tooling is always preferred. But if necessary, compatible wetting agents can be used in limited amounts to slick the spatula after the initial pass.
- For a cleaner finish, mask the sides of the joint with tape prior to filling.

LIMITATIONS

PU 523 is not recommended for:

- Use in immersed water conditions
- Contact with bitumen containing materials
- Allow to fully cure before installation of nearby silicones.

WARRANTY

Tremco CPG APAC products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG APAC written instructions and (b) in any application recommended by Tremco CPG APAC, but which is proved to be defective, will be replaced free of charge. No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG APAC reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

PROPERTY	TEST METHOD	TYPICAL VALUES
Accelerated Weathering	2000 hrs-QUV-B	Passed
Hardness (Shore A)	ASTM D2240	35-40
Elongation at Break	ASTM D412	>550%
Tensile Strength	ASTM D412	1.5-2.0 MPa
Joint Movement	ASTM C920	+/- 25%
Tack Free Time	25° C/ 50% RH	1 ½ hours
Cure Time	25° C/ 50% RH	2-3 mm per day
Service Temperature		-40° C to 80° C

To find your local office address and contact details, visit

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