

## PRODUCT DESCRIPTION

TREMstop PU+ is a fire rated intumescent, low modulus, one component polyurethane joint sealant which forms after curing a permanently flexible and durable weatherproof and fire rated seal.

## USAGE/PURPOSE

TREMstop PU+ can be used for:

- Insitu concrete floors and walls
- Precast and tilt up panels
- Brickwork and blockwork
- Rendered masonry
- Plasterboard (Fire rated and/or acoustic rated)
- Fiber cement sheet (Fire rated and/or acoustic rated)

## FEATURES AND BENEFITS

- Fire Rated up to 4 hours
- Acoustic rated
- One component, no mixing required
- Low modulus 50% (± 25%)
- Excellent durability
- Retains its original properties even after years of weather and UV exposure
- Resistant to weathering conditions
- Paintable\*
- Non staining
- Does not support fungal growth
- Australian made

## PACKAGING

600ml Sausages - 20 per box (TSPUPL20 502)

## COLOUR

Limestone

## SHELF LIFE

12 months when stored in original, unopened containers



## STORAGE

Store in original unopened packaging in dry conditions between +5°C and +30°C

## LIMITATIONS

TREMstop PU+ is not recommended for:

- Use in chlorinated water such as swimming pools, spas etc.
- Use on any material containing bitumen
- Constant immersion in salt water
- Use in glazing applications
- Application to cement based substrates within 28 days of initial pour or set
- Use in trafficable joints greater than 10mm in width
- Application at temperatures below 5°C or above 35°C
- Exposure to water and/or alcohol before it has completely cured
- Wet tooling techniques, such as soapy water
- Application in less than 6mm in width and depth

## SURFACE PREPARATION

- All surfaces must be clean, dry, sound & free from dust, oil, rust, release agents or any other contamination.
- TREMstop PU+ typically adheres tenaciously to common construction substrates. However, in like with best practice Tremco suggests that a field adhesion test be performed to ensure that satisfactory adhesion is achieved.

### TYPICAL PHYSICAL PERFORMANCE

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Fire Test Certificate	AS 1530.4 - 2014 AS 4072.1 - 2005
Tack Free Time	6 - 12 Hours
Cure Rate	2mm/24 Hours on porous substrates
Full Cure	7 Days on porous substrates
Specific Gravity	1.45 g/ml
Shore A Hardness	30
Tensile Strength	> 1.3 N/mm <sup>2</sup>
Elongation at Break	> 900%
Total Joint Movement	± 25%
Maximum Joint Width	Up to 50mm

## METHOD OF APPLICATION

- ❑ Clip the end of the sausage and place in a barrel gun
- ❑ Screw the end cap and nozzle onto the barrel gun
- ❑ Use the trigger to extrude the sealant. To stop; depress the catch plate
- ❑ Apply TREMstop PU+ in a continuous operation using enough pressure to properly fill the joint
- ❑ Tool off the surface of the sealant with an appropriate sized spatula or trowel
- ❑ Apply sufficient pressure to leave a smooth, consistent surface and ensure maximum contact with the interface of the joint

## COVERAGE RATE

(Approximate Linear Metres per 600ml Sausage)

Depth	Width			
	10mm	20mm	40mm	50mm
10mm	6	-	-	-
10mm	-	3	-	-
20mm	-	-	0.75	-
25mm	-	-	-	0.5

## CLEANING

The use of protective goggles, barrier creams and ointments, gloves and protective clothing is recommended. Cured material can be removed by mechanical means only. Aromatic solvent clean up is not recommended. Clean off uncured material and equipment immediately after use using Handy Wipe towels to remove adhesive from skin.

## PAINTABILITY

TREMstop PU+ can be painted after a minimum of 7 days. Coatings containing solvents such as enamels, oil based or other coatings may cause the surface of the sealant to react creating a tacky surface. Surface coatings may discolour in direct contact with cured TREMstop PU+. Surface coatings may crack and craze as a result of cyclical movement of supporting sealant joint. A field test is recommended to ensure compatibility of any coating with TREMstop PU+.

## HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet (SDS) must be read and understood prior to use.

## TECHNICAL SERVICE

Tremco CPG Australia Pty Ltd has a team of Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

## GUARANTEE/WARRANTY

Tremco CPG Australia Pty Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG Australia written instructions and (b) in any application recommended by Tremco CPG Australia, but which is proved to be defective, will be replaced free of charge.

Any information provided by Tremco CPG Australia in this document in relation to Tremco CPG Australia's goods or their use is given in good faith and is believed by Tremco CPG Australia to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. Tremco CPG Australia makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.

## CONTACT OUR TEAM

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