WPA SPUR

Technical Data Sheet ISSUED APRIL 2026

PRODUCT DESCRIPTION

WPA SPUR is a high quality, professional, universal, low modulus sealant based on hybrid technology. WPA SPUR cures under the influence of atmospheric moisture and is free of solvents and isocyanates with a very low VOC content. When cured it forms a tough, flexible seal and bond, capable of cyclic expansion and compression movement. Joints or fabrications formed with this sealant can be expected to extend and compress a total of 50% (± 25%) of original joint dimensions to ASTM C719.

WPA SPUR is virtually unaffected by normal weathering conditions such as rain, sunlight, snow, sleet, ultra-violet radiation, ozone, atmospheric contamination and pollution. Its excellent weathering ability enables it to retain its original properties after years of exposure. Its physical properties remain relatively unchanged over a wide service temperature range.

WPA SPUR is recommended for sealing:

- Sealing/bonding in the building & construction industry.
- Construction & expansion joints.
- Perimeter sealing around doors and window frames.
- Sealing precast panels, brick & block work, plasterboard, ceramics and most other common building substrates.
- Sealing gaps and adhering most facade and cladding panels to various building materials.
- Sealing where acoustic properties are required.
- Other substrates including anodised aluminium, steel, dry timber, PVC and plastics.
- Bond breaker for use with selected waterproofing membranes from the WPA product range.
- Adhesive for a wide range of building and construction applications.

Note: Adhesion test of the substrate is recommended prior to proceeding with the project application.

FEATURES

- Excellent adhesion without primer to most surfaces
- Low modulus (±25% joint movement)
- Moisture curing, almost odourless
- Free of isocyanates, solvents and silicones
- No shrinkage
- No bubbling
- Good resistance to UV, water and weather
- Permanently elastic
- High mechanical resistance

APPLICATION PROCEDURE

Surface Preparation

All substrates should be clean of all foreign matter and contaminants such as surface dirt, dust, grease, oil, frost, water, old sealants and any protective coatings. Dust, loose particles, etc. should be blown out of joints with oil free compressed air or vacuum cleaned. If necessary, rub down metal surfaces beforehand. Clean the substrates after rubbing down. Allow the substrate to dry after cleaning/ degreasing. Most metal surfaces can be cleaned with IPA or MEK.

Ensure an application temperature within +5 to +40°C (applies to environment and substrates).

Priming Porous Substrates

- Priming of porous substrates is not normally required, however, adhesion tests are recommended prior to proceeding.

Priming Non-Porous Substrates

- Metal substrates must be free of all rust, scale or oxide film.
- Clean all plastics and metallic non-porous substrates with MEK or IPA, using the two-cloth method described below. E.g. UPVC outlets and pipe work, brass, copper fittings, stainless steel trays and flashings, PVC, ABS, Polyamide, fibreglass and polyester.

Two Cloth Method – Solvent Wipe

1. Dampen a clean and dry cloth with MEK or IPA and spread evenly over the non-porous substrate using a cleaning/ rubbing action.
2. With a second clean and dry cloth, immediately wipe all solvent residues off with a buffing action.
3. Allow the substrate to dry for a minimum of 5 minutes before installing WPA SPUR.
4. Repeat the above process if the surface is contaminated before WPA SPUR is applied.

Application

WPA SPUR when used as an adhesive or sealant should be dispensed from the sausage by means of a hand or battery-operated caulking gun designed for such application. Clip the end of the sausage and place the complete sausage with the pierced end located at the top of the nozzle and screw top of nozzle and housing onto barrel of gun. Using the trigger on the gun, extrude product from the sausage. To stop product flow, using the thumb depress the catch plate mechanism located at the very rear of the gun, directly above the trigger.

Apply WPA SPUR in a continuous motion using enough pressure to correctly fill and seal the joint. Tool off the surface of the sealant with an appropriately sized spatula or trowel.

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Apply sufficient pressure to leave a smooth, consistent surface and ensure maximum contact with the interface of the joint.

- Always use a backing rod for correct sealant geometry and contact with the substrate
- Ensure maximum adhesion to bond face
- Minimum allowable joint depth is 5mm
- Maximum allowable joint width is 30mm
- Depth to width ratio of 1:1 up to 15mm wide and 1:2 from 15-30mm wide.
- Tool sealant to achieve concave shape
- Remove any masking tape prior to sealant curing

Mixing

No mixing is required, simply use directly from the sausage.

Coverage

The estimated lineal metre yield per pack size is recommended in the following table. No allowance has been made for waste or irregular joint geometry.

Joint Size (D x W)	600 ml Sausage
10mm x 10mm	**6 lm**
10mm x 20mm	**3 lm**
15mm x 30mm	**1.30 lm**

Calculation Formula (W x D x L) / 1000 = Litres

Litres / 0.6 = No of 600ml Sausage

- W = Width (mm)
- D = Depth (mm)
- L = Length (metres)

Important Notes

WPA SPUR should not be used:

- In chlorinated areas such as swimming pools, spas etc.
- As a glazing sealant.
- To green masonry surfaces. (28 day cure is required)
- At temperatures below 5°C or above 40°C.
- To PMMA, PTFE, polypropylene, polyethylene or polycarbonate.
- Onto or near any bituminous products.

As all substrates and conditions are different, it is strongly recommended that the applicator or end user conducts their own tests and ensures the product meets their own end use requirements.

Paintability

WPA SPUR is paintable with water based and most 2 component paints. Synthetic paints can dry slower. We recommend testing compatibility with paint prior to application. If WPA SPUR is being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use. For best results, we recommend painting within a few days of application.

Typical Properties

Tack Free Time (minutes)	30 minutes @ 23°C, 50%RH
Appearance	Non-sag smooth thixotropic paste
Cure System	Moisture Curing
Rate Cure in mm/24hrs	2.5mm
Joint Movement ASTM C719	± 25%
Elongation at Break	Approx 300%
Application Temp	5°C to 40°C
Hardness Shore A	Approx 30
Colour	Grey
Suitable Joint Width	Up to 30mm
Paintable Approx.	After full cure
Service Temperature	-30°C to +70°C
VOC Content	34 gm/ litre

Storage and Shelf Life

Store between 5°C and 25°C. Shelf life is fifteen months in original unopened sausage.

Clean-Up

The use of protective goggles, barrier creams and ointments, gloves, and protective clothing is recommended. Clean up uncured material and equipment immediately after use using Handy Clean Wipes. Do not use Wipes on skin. Cured material can be removed by mechanical means only.

Empty cartridges and foils may be disposed via local landfill. If spilt, absorb with clay, sand or earth. Collect and seal in a properly labelled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

Packaging

WPA SPUR is supplied in 600ml sausages, 20 per carton.

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SAFETY INSTRUCTIONS

For instructions on the safe use of WPA SPUR please refer to the latest version of the Safety Data Sheet available from our website www.wpa-aus.com.au.

WARRANTY CONDITIONS

Bayset Pty Ltd trading as Waterproofing Products Australia (Bayset) offers a limited warranty in respect of this product, subject to certain terms and conditions set out in the warranty documentation which has been made available at www.bayset.com.au. Please contact Bayset directly to obtain a copy of the warranty documentation relevant to this product.

DISCLAIMER

The technical information and application advice given in this Technical Data Sheet is based on the present state of Bayset Pty Ltd's best scientific and practical knowledge and is intended to give a fair description of the product and its capabilities. As the information contained herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness, either expressed or implied, is given other than those required by law. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the product's suitability for a particular application and that the product is not used beyond its physical limitations. The user is responsible for checking the suitability of products for their intended use.

*NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Waterproofing Products Australia either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Waterproofing Products Australia, are responsible for carrying out procedures appropriate to a specific application.

DOCUMENT CONTROL	
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For latest revision, check our website at www.wpa-aus.com.au

This is a CONTROLLED document under WPA's Quality System.

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