

Technical Data Sheet ISSUED MAY 2025

PRODUCT DESCRIPTION

WPA BP is a one component trowel grade sodium bentonite paste designed for various detailing and repair applications in conjunction with the WPA BM70 bentonite membrane system. Due to its bentonite swelling properties WPA BP swells when in contact with water creating a positive seal. WPA BP will bond to most common construction material.

Recommended for:

- Below-ground applications only
- Creating fillets at horizontal & vertical transitions
- Detailing pipe & conduit penetrations
- Detailing steel reinforcing starter bars
- Detailing pile cap heads
- Repairing minor defects within substrates prior to the installation of WPA BM70

FEATURES AND BENEFITS

- Environmentally friendly
- Trowelable consistency
- Pre-hydrated paste
- Expands in contact with water

APPLICATION PROCEDURE

Suitable Substrates

WPA BP is suitable for steel sheet piling, contiguous and secant piling, insitu concrete, shotcrete and precast panels applications.

Preparation

All substrates to be treated must be firm, clean, dry and sound. All laitance, grease, oil, wax, curing compounds, loose material, paint and any other contaminants which may reduce or prevent adhesion must be mechanically removed.

Application

Apply WPA BP by spatula or hand to all penetrations creating at minimum 20mm fillet ensuring all voids between the WPA BM70 membrane and penetration are filled to complete the detailing of the WPA BM70 membrane system. Scheduling of the WPA BP installation is essential to ensure the product is exposed for limited periods, particularly in inclement weather conditions.

Performance Data and Physical Properties

- Colour: Beige
- Form: Paste

LIMITATIONS

Do not apply **WPA BP**:

- Designed to be used in below ground application only.
- If it is raining or if rain is imminent.
- Over areas where running or free water is present.
- Over contaminated substrates.
- Not designed for expansion joint applications.

Clean up

Warm soapy water.

Packaging

10kg bucket.

Shelf Life

Can be stored for up to 12 months, when stored in original unopened packaging in a cool, dry and weatherproof environment. If stored at high temperatures, the shelf life may be reduced.

SAFETY INSTRUCTIONS

For instructions on the safe use of WPA BP bentonite paste please refer to the latest version of the Safety Data Sheet available from our website www.wpa-us.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 Bayset Pty Ltd (trading as 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	
Product	WPA BP Bentonite Paste
Initial Issue	May 2025
Author	SR

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