

Technical Data Sheet ISSUED JUNE 2021

PRODUCT DESCRIPTION

WPA 2010 is a new generation, self-adhesive, high performance acrylic polymer base expanding hydrophilic water-stop. It's designed to stop water ingress through cast in place concrete structures. It expands up to 900% when in contact with water to form a positive seal against the concrete surface. **WPA 2010** will shrink back to its original size when it dries and will re-expand once wet.

USAGE AREAS

WPA 2010 is used for sealing low movement and static construction joints for both horizontal and vertical applications including cold joints, wall to base connections, penetrations, sealing of openings and interface sections between existing and new concrete surfaces.

FEATURES AND BENEFITS

- Easy to install with no priming required.
- Self-adhesive backing.
- Light weight.
- Easily handled rolls.
- Suitable for both fresh and salt water installations.

DESIGN CRITERIA

WPA 2010 can be installed directly to the concrete surface or into a formed rebate.

It is recommended that a smooth surface is provided for optimal performance, however a slightly irregular surface can be accommodated.

Ensure a minimum of 75mm concrete cover from the outer face of the **WPA 2010** to the concrete edge is achieved.

Substrates

All concrete surfaces to receive the **WPA 2010** must be firm, clean, dry, sound and smooth. All laitance, loose material, and any other contaminants which may reduce or prevent adhesion must be removed.

Application Procedure

Place the **WPA 2010** in the appropriate position on the substrate.

Carefully remove the protective backing tape from the adhesive side and apply moderate pressure to the entire length of the **WPA 2010** pressing firmly to the substrate.

Roll or cut ends are to be tightly butt joined to create a continuous seal.

Once installed check to make sure the **WPA 2010** is firmly adhered to the substrate.

Rough surfaces must be repaired with an appropriate epoxy mortar mix, concrete placement can commence once the **WPA 2010** has sufficiently bonded to the substrate.

Care should be taken during the placing of concrete ensuring the **WPA 2010** is not displaced.

Performance data and Physical Properties

Form	Pliable rubber strip
Colour	Blue
Dimensions	10mm x 20mm
Application Temperature	-10°C to +50°C
Water pressure resistance (14 days)	7 bar

LIMITATIONS

Do not apply **WPA 2010**:

- If it is raining or if rain is imminent.
- Over contaminated or wet substrates.
- To substrates with ponding water.
- Leave exposed to inclement weather conditions which may cause the **WPA 2010** to prematurely expand.
- If premature expansion occurs allow the **WPA 2010** to fully dry before proceeding or replace if necessary.
- For further information about this product contact the WPA Technical Department.

Packaging

WPA 2010 is available in 10 metre rolls. 7 rolls per carton.

Shelf Life

24 months in its original moisture-proof wrapping, in cool dry environment away from direct sunlight.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126).

Inhalation

Remove victim from point of exposure to fresh air. Get medical attention if any discomfort continues.

Skin Contact

Wash area of contact thorough with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion

Immediately rinse mouth with water. If swallowed, Get medical attention. Do not induce vomiting.

Notes To Physician

Treat symptomatically.

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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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Author	FM

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