

## Technical Data Sheet ISSUED OCTOBER 2023

### **PRODUCT DESCRIPTION**

WPA 160 is a specialised, solvent free primer, designed to enhance the adhesion of subsequently applied waterproofing membranes, adhesives, toppings and decorative finishes, over non-porous substrates. The unique formulation ensures outstanding adhesion over difficult to bond to surfaces and offers a safe and environmentally friendly alternative to traditional methods of etching and solvent based primers.

### **FEATURES AND BENEFITS**

- Solvent free
- Fast drying
- Suitable for bonding to a wide range of metals, plastics, glazed, smooth and dense surfaces
- Excellent adhesion properties
- Time saving, simplified application
- Non-tacky
- Suitable for internal and external applications
- Can be directly covered with waterproofing membranes, tile adhesives, mortars and paints

### **APPLICATION PROCEDURE**

#### **Substrates**

Suitable for:

- Various metals, including aluminium, stainless steel, copper, brass treated steel, Colorbond® sheeting, galvanised iron, and Zinalume®.
- Existing ceramic tiles in non wet areas
- Glass and rigid plastics.

#### **Preparation**

All surfaces to be coated must be firm, clean, dry, sound and smooth. 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**

Stir the contents thoroughly prior to application. Apply WPA 160 by brush or short nap roller to obtain a consistent and even coating. WPA 160 must be applied at a minimum coverage of 1litre/12M<sup>2</sup>.

As a primer for tiling directly over existing tiles or non absorbent surfaces in non wet areas, 2 x coats of WPA 160 is recommended at the specified coverage of up to 1 litre/8M<sup>2</sup>.

### **Performance Data and Physical Properties @23°C & 55% RH**

- Allow 30 minutes before over coating with selected finishes.
- Allow longer drying times in cool or damp weather conditions.

#### **Wet Form**

- VOC ..... Nil
- Appearance .....Orange
- Specific gravity ..... 1.3g/cm<sup>3</sup>
- Viscosity ..... 4000 mPas

#### **Cured Film**

##### **Adhesion Properties**

- Glazed ceramic tiles..... 0.83mPa

### **LIMITATIONS**

Do not apply WPA 160:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings
- As a primer for solvent based coatings.
- Where the ambient or surface temperatures are below 10°C or greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp.

To eliminate possible surface contamination, it is recommended that surface finishes/toppings be applied as soon as primer has dried and cured.

#### **Clean Up**

Clean tools and equipment with warm water and detergent while the membrane is still wet.

#### **Packaging**

1 litre, 4 litre and 10 litre plastic pails.

#### **Coverage**

- 1litre/12M<sup>2</sup>

The coverage figures are theoretical due to wastage, and depending on the profile of the substrate, coverage figures may be reduced.

#### **Shelf Life**

Unopened pails can be stored for up to 12 months in a cool, dry and weatherproof environment.

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### **SAFETY INSTRUCTIONS**

For instructions on the safe use of WPA 160 please refer to the latest version of the Safety Data Sheet available from our website [www.wpa-aus.com.au](http://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](http://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.

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