

Technical Data Sheet ISSUED JULY 2016

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 porous or 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®.
- Properly prepared precast and tilt up concrete, block work, existing ceramic tiles.
- Compressed fibre cement sheeting, plasterboard, James Hardie™ Scyon™ Secura™ sheeting, PAA certified structural and marine plywood, 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. Masonry surfaces must be pointed flush and surface defects repaired. New concrete must be cured for a minimum of 28 days.

Fibre cement sheeting, water resistant plasterboard, PAA certified structural and marine plywood and James Hardie™ Scyon™ Secura™ sheeting must be installed in accordance with the manufacturers' installation requirements.

Application

Stir the contents thoroughly prior to application. Apply WPA 160 by brush, roller (short nap) or sprayer to obtain

a consistent and even coating. Apply a second coat to achieve full surface coverage if required. Allow the first coat to fully dry before applying the second coat of WPA 160 at right angles to the first coat. WPA 160 must be applied at a minimum coverage of 1litre/12m². Contact the WPA Technical Department for details on spray application.

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 0.02 grams/litre
- Appearance Orange
- Solids content >70%

Cured Film

Adhesion Properties

- Glazed ceramic tiles..... 0.8 N/mm²
- James Hardie™ Scyon™ Secura™ 0.8 N/mm²

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.
- Directly over particle board flooring. (Ceramic tile underlay must be installed).
- 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

4 litre and 10 litre plastic pails.

Coverage

- 1litre/12m²

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

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Shelf Life

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

FIRST AID

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

Inhalation

Remove victim from exposure - avoid becoming a casualty.
Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion

Rinse mouth with water. If swallowed, do **NOT** induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes To Physician

Treat symptomatically.

Spills

Prevent from entering drains or waterways. Absorb with sand, earth or spill control material. Collect in properly labelled containers for disposal in accordance with local statutory requirements.

WARRANTY CONDITIONS

Waterproofing Products Australia warrant this product for 10 years provided the application is in accordance with our written directions for use and the relevant Australian Standards have been followed. The representations and recommendations regarding this product are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made due to the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, this product is sold with a limited warranty only, and on the condition that purchasers will carry out their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Waterproofing Products Australia be

liable to anyone except for replacement of the products or refund of the purchase price.

IMPORTANT

The information provided in this technical bulletin is as correct in detail as possible and is intended to give a fair description of the product and its capabilities. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. The product is guaranteed provided it is applied in accordance with our instructions as stated in this data sheet and any relevant Standard or Code, and provided the building and installation is structurally sound. Waterproofing Products Australia terms and conditions of sale apply.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Waterproofing Products Australia publication is based on the present state of our best scientific and practical knowledge. 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. 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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This is a CONTROLLED document under WPA's Quality System.

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