

## Technical Data Sheet ISSUED MAY 2020

### PRODUCT DESCRIPTION

**WPA 3460** is a single component primer based on polyether polyol and modified MDI isocyanate. The primer is a polyurethane pre-polymer with a surplus of isocyanate which reacts with the moisture in the substrate to cure the product. The product was designed as a low viscosity concrete primer for preparing substrates prior to applying the WPA 3400 spray applied membrane.

### FEATURES AND BENEFITS

- Very high bond strength
- Deep penetration into concrete
- Brush, roller or spray applied
- Single component
- Low viscosity
- Fast reactivity

### APPLICATION PROCEDURE

#### **Processing Conditions**

Ensure substrates are free from dust, laitance, contamination or any substances which may prevent or reduce adhesion.

**WPA 3460** should be preconditioned to 22-25°C to ensure that it will have consistent reactivity and performance. Apply **WPA 3460** in consistent, even coats using a brush, roller or appropriate spray equipment.

**WPA 3460** will react with moisture in the substrate and atmosphere to cure. If excessive foaming of the primer is observed, it usually indicates excessive moisture in the substrate. Brush off the foamed primer and apply a second coat to ensure adequate adhesion is achieved.

WPA 3400 membrane should be applied to the primer shortly after the primer is tack free. If the primer has cured for more than 6 hours, then a second coating will be required. Clean up of liquid **WPA 3460** should be with a non-alcohol containing solvent such as acetone or xylene.

#### **Preparation**

Appearance	Violet Liquid
Specific gravity (22°C)	1.16 +- 0.02 g/ml
Brookfield Viscosity (22°C)	50 ± 25 mPa.s
Solids Content	65 ± 0.5%
Application Temperature	14 - 40°C
Application Rate	50-150 g/m <sup>2</sup>
Gel time/Pot life (22°C)	60 ± 5 minutes
Set Time (22°C)	120 - 240 minutes

### **Packaging**

20L pail.

### **Storage**

**WPA 3460** should be stored in closed containers under dry conditions out of direct sunlight between 18 and 25°C. This product reacts with moisture in the air, so thoroughly reseal containers when not in use. This product will have a minimum shelf life of six months when stored under these conditions.

Like all polyurethanes based on aromatic isocyanates **WPA 3460** is **not** UV stable and will have surface discolouration and degradation if exposed to UV radiation and sunlight. Please speak to our technical consultants regarding your options if this product is required for use in external applications.

### **Disposal**

Liquid Systems:

Liquid polyol or isocyanates should be disposed of with an EPA approved industrial waste company which meet all applicable federal, state and local laws and regulations.

Cured Urethanes:

Fully reacted and cured polyurethanes are inert and can be disposed of as regular landfill.

Container:

Dispose of decontaminated drums in accordance with all applicable federal, state and local laws and regulations.

**Do Not Re-use Empty Containers.**

**Do Not Cut or Weld Empty Containers.**

**WATER CONTAMINATION CAN CAUSE DANGEROUS  
PRESSURE BUILD UP IN ISOCYANATE DRUMS**

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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](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 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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