

Technical Data Sheet ISSUED OCTOBER 2020

PRODUCT DESCRIPTION

WPA ATC is an economic, aliphatic, single component, liquid applied, moisture cured, polyurethane coating. It has been formulated as a complimentary topcoat for WPA 3400 (Polyurea) and WPA Moisture cured polyurethane membranes. **WPA ATC** offers protection from degradation of the waterproofing membrane due to UV exposure.

Recommended for:

- Rooftops
- Plant Rooms
- Polyurea Membranes
- Polyurethane Membranes

FEATURES AND BENEFITS

- UV Stable
- Excellent weatherability
- Good colour retention
- Fast curing

APPLICATION PROCEDURE

Mixing

Before application, mix **WPA ATC** using a mechanical mixer at slow speed. If required, add **WPA ATC** Catalyst and continue mixing until a homogeneous mixture and colour is attained. Boxing of the material is recommended. Use caution not to whip air into the material as this may result in pinhole blisters and/or shortened pot life. Do not mix in an up and down motion.

Application

For best results, use a squeegee. Airless sprayer or phenolic resin core roller may be used but extra care should be taken not to cause air bubbles.

Apply in a continuous coating to minimize lines and/or streaking.

The first coat of **WPA ATC** should be applied at the rate of 0.41 litres/m². For best results, airless sprayer or phenolic core roller may be used but extra care should be taken not to cause air bubbles. Apply **WPA ATC** evenly over the entire area resulting in a dry film thickness of approximately 330µm. After 24 hours, proceed to the second coat.

WPA ATC may require more than one coat depending on the job specifications and requirements. When estimating material requirements, coverage rates tend to increase for subsequent coats of material. To obtain proper adhesion between coats it is imperative that re-coating be done within 48 hours.

Curing

At 24°C and 50% relative humidity, allow each coat to cure 16 hours. Cure time will vary depending on temperature and humidity.

Allow 24 hours before permitting light pedestrian traffic and at least 72 hours before permitting heavy pedestrian or vehicular traffic on the finished surface.

Uncured **WPA ATC** is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

If accelerated curing is required, a (0.95 litre of **WPA ATC** Catalyst to 18.9 litres of **WPA ATC** and mix thoroughly. This accelerated **WPA ATC** will cure in 6-8 hours at 24°C and 50% relative humidity. If **WPA ATC** Catalyst is used to accelerate curing, then re-coat window for the subsequent coat is reduced to 24 hours after cure. If the recoat window has passed, then solvent wipe the surface with VOC-compliant solvent and re-prime surface.

Technical Data (based on draw down film)

Coverage	0.41l/m ²
DFT Per Coat	330 µm
Hardness	90 Shore A
Tensile Strength	18 MPa
Elongation	~ 250%
Specific Gravity	1.2
Dry Solid (w/w)	80%
Viscosity (24°C)	1000cps

Clean Up

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

Storage

WPA ATC has a shelf life of 1 year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 15-35°C.

LIMITATIONS

Do not apply **WPA ATC**:

- Over damp, wet or contaminated substrates;
- If it is raining or if rain is imminent;
- To areas subject to negative hydrostatic pressure or rising damp.
- At temperatures above 35°C.

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BEWARE OF CONDENSATION!

The substrate temperature must be at least 3°C above dew point to reduce the risk of de-lamination due to condensation.

Packaging

- 18.9 Litre drum
- 189 Litre drum

FIRST AID

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

Inhalation

Effects may be delayed. 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. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

Skin Contact

If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble).

For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye Contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion

Immediately 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. Immediately call Poisons Centre or Doctor.

Notes To Physician

Treat symptomatically. Effects may be delayed.

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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