



ARDEX WA 98 ADHESIVE

Versatile Contact Adhesive

Can be brush, rolled, or spray applied

Excellent adhesion to most common substrates

Extended tack time makes it ideal for large external areas

Used with selected ARDEX sheet applied membrane systems

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PRODUCT DESCRIPTION

ARDEX WA 98 Adhesive is a high performance membrane contact adhesive. It has been specially developed for ARDEX sheet applied membranes and adheres to a variety of substrates. ARDEX WA 98 Adhesive can be brush, rolled, or spray applied, and combined with its extended tack life, makes it an ideal membrane contact adhesive for large external areas.

USES

ARDEX WA 98 Adhesive is a ready to use solvent-based external contact adhesive for bonding selected ARDEX sheet applied membranes. ARDEX WA 98 Adhesive can be used when installing the below ARDEX sheet applied membrane systems:

- ARDEX Weldtec™ Membranes
- ARDEX Butynol Membranes
- ARDEX WPM 116

SURFACE PREPARATION

Suitable substrates include concrete, screed, brick, CFC sheet, timber, and some PVC type. For other suitable substrates, please contact ARDEX Technical Services (technicalservices@ardexaustralia.com).

By way of mechanical method and vacuum cleaning as necessary, remove all dirt, dust, curing compounds, oils, grease, surface sealers, and any other contaminants prior to ARDEX WA 98 Adhesive application.

APPLICATION

ARDEX WA 98 Adhesive can be applied using a brush, roller, air driven or airless spray equipment.

With a brush or roller application, apply the ARDEX WA 98 Adhesive to both the sheet membrane underside and the substrate at a rate of 4m² - 8m²/litre, and allow approximately the same drying time. The drying time is generally 15 - 20 minutes, but drying times will vary depending on substrate temperatures and ambient air conditions. Once the applied ARDEX WA 98 Adhesive becomes tacky to touch then it is ready for membrane bedding. The ARDEX WA 98 Adhesive can be reapplied if the tack time elapses.

To create optimum adhesion, apply a neat primer coat of ARDEX WA 98 Adhesive to the prepared substrate and allow to totally dry. Apply another neat coat of ARDEX WA 98 Adhesive to the primed substrate and underside of sheet membrane, then bring together once the ARDEX WA 98 Adhesive becomes tacky.

Embedding the sheet membrane too early may result in solvent entrapment causing sheet membrane bubbling.

Shake and stir the unopened ARDEX WA 98 Adhesive drum to thoroughly mix contents before use.

DAMP OR GREEN CONCRETE

Prior to ARDEX WA 98 Adhesive application, when masonry or concrete substrate moisture content is measured at greater than 80% relative humidity (ASTM F2170) or exceeds 15g/m²/24hrs (ASTM F1869), application of ARDEX WPM 300 (HydrEpoxy) must be the nominated primer/coating. This is typically equivalent to 5% or greater moisture content from a digital nondestructive moisture meter, however Australian Standards must be followed.

Apply two coats of ARDEX WPM 300 (HydrEpoxy) at a rate of 3m²/litre (per coat) and allow to dry for a minimum of 24 hours. Drying times will vary depending on substrate temperatures and ambient air conditions. Once the ARDEX WPM 300 (HydrEpoxy) has cured, apply a neat primer coat of ARDEX WA 98 Adhesive and allow to totally dry. Apply another neat coat of ARDEX WA 98 Adhesive to the primed substrate and to the sheet underside, then bring together once tacky.

NOTE: If the ARDEX WPM 300 (HydrEpoxy) is not allowed to fully cure, the application of ARDEX WA 98 Adhesive will noticeably damage the uncured ARDEX WPM 300 (HydrEpoxy).

PRODUCT THINNING

ARDEX WA 98 Solvent may be used for product thinning purposes in applications such as:

Extremely porous substrates:

Product thinning in this type of application will allow the ARDEX WA 98 Adhesive to penetrate into the concrete substrate to create ideal membrane adhesion. During this application, the ARDEX WA 98 Adhesive must be applied in two coats. Once the first coat (up to 50% diluted) has dried, a second neat coat (undiluted) of ARDEX WA 98 Adhesive can be applied.

Spray application:

Product thinning in this type of application will reduce the ARDEX WA 98 Adhesive's viscosity and aid with flow characteristics for optimal spray application. The mix ratio will slightly vary depending on the spray equipment being used. It is highly suggested to trial the mix ratio to ensure the most suitable mix ratio is chosen prior to complete adhesive application. Ensure to thoroughly clean the spray equipment after use.

PACKAGING

20L drum

COVERAGE

4m² - 8m²/litre (approximately)

The coverage rate will vary depending on substrate condition and application technique.

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TECHNICAL DATA

CHARACTERISTICS	TEST METHOD
Type	Solvent-based contact adhesive
Composition	Polychloroprene (Neoprene®)
Colour	Red
Reactivation method	Solvent wipe or heat
Viscosity	130 ± 20cP @ 25°C
Application Temperature (substrate and or ambient)	10°C - 35°C
Service Temperature	-20°C - 92°C
Working time	15 - 60 minutes (temperature dependent)
Peel strength (ASTM D903) Membrane to Plywood	30 - 35N (Butyl) 7 - 10N (EPDM)

CLEAN UP AND DISPOSAL

Clean all equipment with ARDEX WA 98 Solvent prior to the product drying. Dispose of packaging in compliance with all relevant local authorities, state, and federal laws and regulations.

STORAGE

ARDEX WA 98 Adhesive has a shelf life of 12 months when stored in the original unopened packaging in a dry place at 23°C and 50% relative humidity. Packaging must be stored vertically, out of direct sunlight, away from sources of puncture and physical damage, away from ignition sources and open flame.

LIMITATIONS

The application of ARDEX WA 98 Adhesive must be used for external applications only. ARDEX WA 98 Adhesive is a highly flammable liquid and vapour, and must be used only in well ventilated area(s). When not in use, ensure lid is tightly placed back on packaging. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, and any other sources which may ignite product. ARDEX WA 98 Adhesive is not to be left UV exposed for long periods of time. High substrate moisture content will negatively affect product adhesion / drying/ curing performance.

Before any substrate preparation, installation or finishing methods relating to ARDEX product are undertaken, please be aware of any potential risks and use appropriate PPE (personal protective equipment). This may involve contacting substrate manufacturers for Safety Data Sheets.

SAFETY DATA

Highly flammable liquid and vapour. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause

drowsiness or dizziness. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician/ first aider. Do NOT induce vomiting. Wear protective gloves, clothing, face and eye protection. This product is combustible, decomposes on heating and produces toxic fumes. When handling the product do not eat, drink or smoke. Avoid inhaling dust/fume/ gas/ mist/vapours/ spray. If fumes or combustion products are inhaled remove from contaminated area. Ensure adequate ventilation during application. Check with your local Council regarding the disposal of contents. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at www.ardexaustralia.com.

GUARANTEE

ARDEX Australia Pty Ltd ("we" or "us") guarantees this product ("our goods") is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of purchase. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or compensation, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow published instructions or any act or circumstance beyond our control, including shade variations and efflorescence. If you wish to make a claim under this guarantee you must notify us (ARDEX Australia Pty Ltd, 20 Powers Road Seven Hills NSW 2147; Toll Free: 1800 224 070; Email: technicalservices@ardexaustralia.com) and provide evidence of your purchase of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a "consumer" under the Australian Consumer Law and to that extent you need to be aware that: "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure".

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local

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standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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This data sheet was issued in February 2024 and is valid for 3 years, in some instances a newer version may be published. Always refer to www.ardexaustralia.com for the latest technical data from ARDEX Australia Pty Ltd.