



ARDEX STB STA TAPE

Self Adhesive Butyl Sealing Tape

For use as a bond-breaker with approved ARDEX Liquid Applied Membranes

Can be easily installed and moulded to suit complex designs to create a watertight seal

Can be used with approved ARDEX Weldtec™ membranes during installation and membrane termination applications

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DESCRIPTION

ARDEX STB/STA Tape is a high performing self adhesive butyl tape designed to create a watertight seal for drains, penetrations, junctions, and joints prior to ARDEX applied membrane solutions. The ARDEX STB/STA Tape is extremely versatile and malleable making it ideal for both internal and external applications.

FEATURES

The self-adhesive underside of the ARDEX STB/STA Tape creates superior adhesion to multiple substrates, and the fleeced surface creates optimal adhesion for subsequent ARDEX membranes and coatings.

Due to the products versatility, the ARDEX STB/STA Tape can be used for detailing, terminations, bond-breaker, and liquid transition requirements on the below ARDEX products:

- ARDEX WPM 002
- ARDEX WPM 909
- ARDEX WPM 155 Rapid Plus
- ARDEX Weldtec™ Membranes

See relevant Product Datasheets for application information or contact ARDEX Technical Services (technicalservices@ardexaustralia.com).

SUITABLE SUBSTRATES

- Concrete
- Screed
- Render
- PVC
- AAC blocks.
- Fibre-Cement Sheet

For other suitable substrates, please contact ARDEX Technical Services (technicalservices@ardexaustralia.com).

SURFACE PREPARATION

By way of mechanical methods and vacuum cleaning as necessary, remove all dirt, dust, curing compounds, oils, grease, surface sealers, and any other contaminants prior to ARDEX STB/STA Tape installation. Prepare surface to leave sound, clean, dry, free from sharp edges, loose or other materials which may damage the ARDEX STB/STA Tape.

Concrete and other porous substrates will need to be primed with an appropriate ARDEX primer prior to ARDEX STB/STA Tape installation.

AAC blocks will require several coats of ARDEX WPM 265 or ARDEX Multiprime prior to ARDEX STB/STA Tape installation.

Floor sheeting materials must be installed to the manufacturer's instructions prior to ARDEX STB/STA Tape installation.

APPLICATION

Remove the release paper and simply install onto the prepared substrate. ARDEX recommends using the ARDEX Brass Roller and the ARDEX Small Hand Roller to ensure uniform adhesion to the prepared substrate is sound and all edges are removed. Overlapping of ARDEX STB Tape end to end must be 50mm (minimum).

TECHINCAL DATA

CHARACTERISTICS	TEST METHOD	NOMINAL VALUES
Type		Butyl rubber adhesive (grey)
Film Type		Polypropylene fleece (white)
Thickness		1mm
Tensile Strength Long. Trans.	EN 12311-1	115N/50mm 100N/50mm
Peel Adhesion	ASTM D 1000	22N/cm
Probe Tack	ASTM D 2979	7.2N
Application Temperature		0°C - 40°C
Service Temperature		-40°C - 100°C

PACKAGING

ARDEX STB Tape - 75mm x 15m (roll)

ARDEX STA Tape - 40cm x 2.4m (sheet)

SHELF LIFE

18 month shelf life when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity.

LIMITATIONS

ARDEX STB/STA Tape is not to be used as a stand alone waterproofing product. ARDEX STB/STA Tape is not to be left UV exposed. ARDEX STB/STA Tape must be stored in a cool dry place. Ensure not to puncture or damage the ARDEX STB/STA Tape prior to subsequent ARDEX membrane application.

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

Avoid contact with skin and eyes; in case of contact with the eyes, wash out immediately with fresh running water. If irritation continues, seek medical attention. Wear protective gloves, clothing, and eye protection. Check with your local Council regarding the disposal of contents. Additional information within Safety Data Sheet (SDS) at www.ardexaustralia.com

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This data sheet was issued in July 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.

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 or 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 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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