

Technical Datasheet

Visit bradfordinsulation.com.au for the latest version of this datasheet 29 Nov 19

ENVIROSEAL BL-IT

DESCRIPTION: Light Wall, Vapour Permeable Wall Wrap
SUITABILITY: Suitable for open joint facades with up to 30% total open area



IMPORTANT INFORMATION

- This product is only recommended for the applications listed in this datasheet unless advised otherwise by an official Bradford technical representative.
- This product is not recommended in tropical climate zones where the humidity outside is higher than the inside of the building.
- This product is not designed to withstand prolonged exposure to UV or weather. Once installed
 the exterior wall must be applied as soon as possible.
- Prior to installation, this product should be stored in a cool dry place away from sunlight, and should not come into contact with wet concrete or alkaline based materials.

PRODUCT DESCRIPTION

Bradford Enviroseal™ BL-IT is a polyolefin non-woven textile fabric joined together with a UV stable functional coating. This product includes pre-applied integrated tape release liners.

 This product meets the requirements of the AS/NZS 4200.1 and is suitable for use in Australian residential and commercial applications.

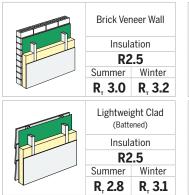
CLIMATE ZONE

This product is recommended for use in warm to cold climate zones where there are higher levels of insulation used in the wall cavity and vapour permeable and water barrier properties are required.

CLASSIFICATION

This product meets the	requirements of AS/NZS 4	200.1	
CRITERIA	RESULT		
Product Identifier	Enviroseal BL-IT		
Duty Classification (AS/NZS 4200.1)	Light Wall		
Burst Strength (AS 2001.2.19)	≥ 200 N		
Edge Tear Resistance (TAPPI T470)	Machine	≥ 90	
	Lateral	≥ 90	
Water Control Classification (AS/NZS 4201.4)	Water Barrier		
Vapour Classification (ASTM E96)		Class 4 Vapour Permeable	
Vapour Permeability (ASTM E96)	> 1.1403 µg/N.s		
Emissivity (AS 4201.5)	Inward Facing	Non-Reflective (0.9)	
	Outward Facing	Non-Reflective (0.9)	
Flammability Index (AS 1530.2)	≤ 5 (Low)		
Electrical Conductivity (AS/NZS 3100)	Non-Conductive		
Resistance to Dry Delamination (AS/NZS 420)	Pass		
Resistance to Wet Delamination (AS/NZS 420	Pass		
Shrinkage (AS/NZS 4201.3)	≤ 0.5%		
Nominal Thickness	<1.0 mm		
Classifications in accordance with AS/NZS 4200.1.	This product should be installe	d in accordance with AS 4200.2	

APPLICATION TABLES



	(Direct Fix)		
	Insulation		
	R2.5		
	Summer	Winter	
	R, 2.6	R, 2.9	
	Lightweight Clad (Open Faced)		
	Insulation		
	R2.5		
	Summer	Winter	
	R. 2.8	R. 3.1	

Lightweight Clad

CSR Bradford Locked Bag 1345 North Ryde BC NSW 1670 bradfordinsulation.com.au

APPLICATION DETAIL

Bradford EnvirosealTM BL-IT is suitable for installation in vertical wall constructions behind ventilated facades with regularly spaced open joints no greater than 50mm wide accounting for 30% open total surface area. The use of vapour permeable products is recommended in warm to cold climate zones where condensation may be required. Bradford Enviroseal BL-IT is recommended where humidity is higher inside the building than outside. It is also recommended that the higher insulation R-Value used in construction that vapour permeable products are used to minimise the risk of condensation related damage.

O This product is suitable for use in BAL regions 12.5 to FZ in accordance with AS 3959.

For more information on how to install this product correctly see the wall wrap installation details on the next page.

PRODUCT DIMENSIONS							
PRODUCT NAME	WIDTH (mm)	LENGTH (m)	m² PER ROLL	WEIGHT (kg)	PRODUCT CODE		
Enviroseal BL-IT	1500	50	75	23.5	106703		

PRODUCT CONSTRUCTION



CONDENSATION RISK

There are a large number of factors that need to be considered in assessing and managing condensation risk including local climate, building use, position, thickness and type of bulk insulation, location and integrity of vapour barriers, and mechanical or passive ventilation both in the roof space and wall cavities where applicable. It is highly recommended that designers run a condensation risk analysis. CSR Bradford can assist in assessing condensation risk.

For further information on the risks of condensation please refer to the Australian Building Codes Board Handbook, 'Condensation in Buildings.'

Weather Exposure: Enviroseal BL-IT has a high level of UV stability and can be installed in facades with regularly spaced open joints no greater than 50mm wide which account for no more than 30% of the total surface area, whilst having a ventilated cavity between membrane and cladding no less than 40mm. Prior to cladding, this product is not designed to withstand prolonged direct exposure to the elements - accordingly, the exterior cladding should be installed without delay. Product exposed to harsh weather conditions, or UV prior to cladding for more than 4 months in wall applications, should be inspected for damage prior to installation of the exterior cladding and damaged product should be repaired or replaced to comply with the product warranty.

For further technical advice call **1300 850 305** or visit **bradfordinsulation.com.au**



CSR Bradford is a business division of CSR Building Products Limited ABN 55 008 631 356

The contents of this brochure are copyright protected and may not be reproduced in any form without prior written consent of CSR Bradford. Recommendations and advice regarding the use of the products described in this brochure are to be taken as a guide only, and are given without liability on the part of the company or its employees. We reserve the right to change product specifications without prior notification, please refer to the CSR Bradford website for the latest revision of this document. The purchaser should independently determine the suitability of the product for the intended use and application.