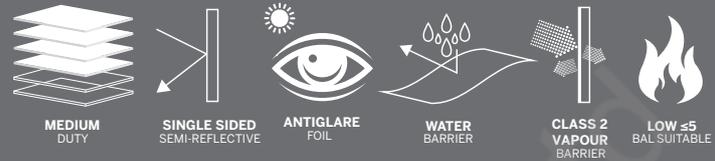


THERMOPLAST 993F WHITE

DESCRIPTION: Medium Duty, Single Sided Reflective, Vapour Barrier White Decorative Sarking
SUITABILITY: Decorative facing for bulk insulation in commercial applications that require a Group 2 Rating in accordance with ISO 9705 and an exposed, white aesthetic finish



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 considered a vapour barrier and is recommended for condensation control where external moisture is higher than the internal environment. If in doubt, use the range of Enviroseal vapour permeable products.
- This product is not designed to withstand prolonged exposure to UV or weather. Once installed the exterior wall or roof 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.
- This product contains aluminium foil which conducts electricity. To avoid electrocution, care should be taken to ensure that this product or conductive fasteners used to secure this product, do not come into contact or close proximity with electrical wiring during installation or use.

PRODUCT DESCRIPTION

Bradford Thermoplast™ 993F White Decorative facing foil consists of a reflective aluminium foil layer with antiglare ink laminated to kraft paper and a white decorative facing using fire retardant adhesive. This product also contains fiberglass yarn in a tri-directional pattern.

CLASSIFICATION

This product meets the requirements of AS/NZS 4200.1		
CRITERIA	RESULT	
Product Identifier	Thermoplast 993F White	
Duty Classification (AS/NZS 4200.1)	Medium Duty	
Tensile Strength (AS/NZS 1301.448s)	Machine	≥ 13
	Lateral	≥ 7.5
Edge Tear Resistance (TAPPI T470)	Machine	≥ 90
	Lateral	≥ 90
Water Control Classification (AS/NZS 4201.4)	Water Barrier	
Vapour Classification (ASTM E96)	Class 2 Vapour Barrier	
Vapour Permeability (ASTM E96)	< 0.1429 µg/N.s	
Emissivity (AS 4201.5)	Inward Facing	Semi-Reflective (0.09)
	Outward Facing	Non-Reflective (0.9)
Flammability Index (AS 1530.2)	≤ 5 (Low)	
Electrical Conductivity (AS/NZS 3100)	Conductive	
Resistance to Dry Delamination (AS/NZS 4201.1)	Pass	
Resistance to Wet Delamination (AS/NZS 4201.2)	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 installed in accordance with AS 4200.2

APPLICATION DETAIL

Bradford Thermoplast™ 993F White is suitable in most commercial applications that require a Group 2 Number rating such as sporting stadiums, shopping complexes, studios, gymnasiums and warehouses. When installed under metal roofs and in walls, the white surface finish offered by Thermoplast 993F White presents to the inside of the building, making it an ideal facing material anywhere an aesthetic finish and good light properties are required. Additionally, when required to join or seal Bradford Thermoplast 993F White it is recommended to use the specific Thermoplast 990F Tape in either 72mm or 96mm widths. This tape is made using the same material as the White Facing to provide a consistent decorative finish. This product provides a reflective air-gap R-Value when the aluminium surface faces a minimum 20mm air cavity.

PRODUCT DIMENSIONS

PRODUCT NAME	WIDTH (mm)	LENGTH (m)	m² PER ROLL	WEIGHT (kg)	PRODUCT CODE
THERMOPLAST 993FW	1350	60	81	32.83	183007

DURABILITY/WARRANTY

Bradford Thermoseal™ products are guaranteed to be free from manufacturing defects and perform in normal building applications when installed in accordance with AS/NZS 4200.2:2017 Pliable Building Membranes and Underlay's, Part 2 Installation Requirements. Please note, all work must be designed and constructed in compliance with all provisions of the current Building Code of Australia, regulations and relevant standards. Bradford Thermoseal should not come in contact with wet concrete or other alkaline based products and should be stored in a dry place out of direct sunlight before use.

HEALTH & SAFETY

Information on any known health risks on Bradford products and how to handle them safely is detailed on www.bradfordinsulation.com.au. Additional information is listed in the Material Safety Data Sheets also available on the Bradford website.

PRODUCT CONSTRUCTION

