



THERMOPLAST™ DECORATIVE FOIL (993)

Introduction

Bradford Thermoplast™ Decorative Foil (993) is a premium medium duty reflective foil with a decorative white finish on one side and an antiglare coating on the other side. The white surface finish offered by Bradford's Thermoplast™ Decorative Foil (993) makes it an ideal product for use in commercial and residential building applications.

Product Description

Bradford Thermoplast™ Decorative Foil (993) is a medium duty reflective foil laminate consisting of multiple layers of aluminium foil and kraft papers, with additional strength provided by fibreglass yarn in a tri-directional (three way) pattern, bonded together with flame retardant adhesive. Bradford Thermoplast™ Decorative Foil (993) has a white surface finish on one side and an antiglare coating on the other side to eliminate glare during installation.

Applications

Bradford Thermoplast™ Decorative Foil (993) is primarily used under metal roofs and in walls where a decorative finish or good light diffusion is desired. When installed under metal roofs and walls the white surface finish offered by Bradford's Thermoplast™ Decorative Foil (993) presents to the inside of the building, making it an ideal product for use in sporting complexes, gymnasiums and warehouses.

Benefits

- Highly durable and easy to handle on site
- Cost effective decorative lining
- Assists in providing protection against elements
- When installed with an air gap to the antiglare surface reduces temperature variations and potential for condensation in low humidity applications
- Presents uniform decorative finish for wall and roof linings of stadiums, gymnasiums and warehouses

Standard Sizes & Packaging

Width	Length	m ² per roll	Product Code
1350 mm	60 M	81	105497

Accessories

When required to join or seal Bradford Thermoplast™ Decorative Foil (993) it is recommended to use Bradford Thermoplast™ 990WFT Tape in either 72mm or 96mm widths.

Width	Length	Rolls per cartons	Product Code
72 mm	50 M	16	106138
96 mm	50 M	12	106824

Health & Safety

Information on any known health risks and safe handling methods are available on our website:
www.bradfordinsulation.com.au

Durability / Warranty

Bradford Thermoplast™ Decorative Foil (993) is guaranteed to be free from manufacturing defects and satisfies relevant Australian and New Zealand building codes, when installed in accordance with AS / NZS 4200.2:1994 Pliable Building Membranes and Underlays, Part 2 Installation Requirements, including any special

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notes detailed in this datasheet or those found in associated Bradford documentation.

All work must be designed and constructed in compliance with all provisions in the current Building Code, regulations and relevant standards.

Being a secondary roof / wall lining material, Bradford Thermoplast™ Decorative Foil (993) is not designed to withstand prolonged direct exposure to the elements, hence once installed, external cladding materials must be installed without delay.

Bradford Thermoplast™ Decorative Foil (993) should be stored in a cool and dry place away from sunlight before use, and should not come in contact with wet concrete or other alkaline based materials.

To ensure durability and maximum thermal performance is achieved, Bradford Thermoplast™ Decorative Foil (993) should be installed to present a minimum of 40mm air space adjacent to the antiglared surface.

Due to the nature of this product, the surface finish may not be completely smooth. Care must be taken when installing to avoid creasing as this may detract from the overall finish. If in doubt as to Bradford Thermoplast™ Decorative Foil (993) suitability for a specific application, please contact your nearest CSR Building Products' office or your local representative.

Physical Properties

Classification in accordance with AS / NZS 4200.1:1994 unless otherwise stated.

Classifications

Criteria	Reference	Result
Duty Classification	Table 1-AS / NZS 4200.1:1994	Medium
Vapour Barrier	ASTM E96:2005	Medium
Emittance	AS / NZS 4201.5:1994	Reflective
Water Barrier	AS / NZS 4201.4:1994	High
Flammability Index	AS / NZS 1530.2:1993	≤ 5
Absorbency	AS / NZS 4201.6:1994	Unclassified
Resistance to Dry Delamination	AS / NZS 4201.1:1994	Pass
Resistance to Wet Delamination	AS / NZS 4201.2:1994	Pass
Tensile Strength	AS / NZS 1301.448:1991	
• Machine Direction (k/Nm)		≥ 9.5 kN / m
• Lateral Direction (k/Nm)		≥ 6.0 kN / m
Edge Tear Resistance	TAPPI T470:1980	
• Machine Direction (N)		≥ 65 N
• Lateral Direction (N)		≥ 65 N

Sample Specification

The insulation materials shall be CSR Bradford's Medium Duty Thermoplast™ 993 Decorative Foil, tested to AS / NZS 4200.1:1994 and AS / NZS 3837:1998 standards, laid separately over the top of approved 2mm PVC Coated Roof Safety Mesh which is to be installed as per manufacturer's recommendations.

Where maximum resistance to penetration of water vapour is required all penetrations and the 150mm wide foil overlaps shall be sealed by means of CSR Bradford's 72mm wide Thermoplast™ 990WFT tape, applied in accordance with the manufacturer's recommendations.



CSR Bradford Insulation

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