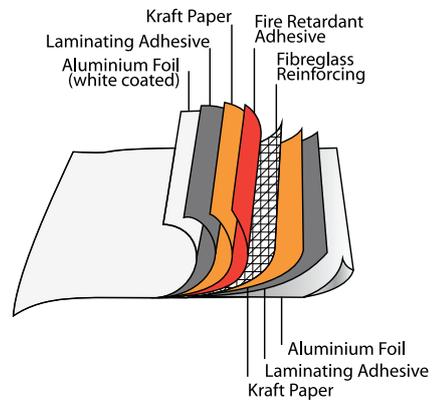


THERMOPLAST™ MED DTY DECORATIVE FACING FOIL (990)



Product Description

Bradford™ Thermoplast™ Medium Duty Decorative Facing Foil (990) is a premium medium duty fire retardant white faced foil consisting of two layers of highly burnished foil and kraft papers bonded together with a fire retardant adhesive with a tri-directional fibreglass scrim.

Applications

Bradford Thermoplast 990 is used as a facing for bulk insulation materials (i.e. Bradford's roofing blankets). When installed under metal roofs and in walls, the premium white surface finish offered by Thermoplast 990 presents to the inside of the building, making it an ideal decorative facing material for use in sporting complexes, gymnasiums and warehouses, offering light diffusion and reflection.

Benefits

- Highly durable and easy to handle on large commercial sites
- Cost effective premium decorative lining
- Excellent facing for Bradford Insulation roofing blankets
- Presents uniform decorative finish for wall and roof linings of stadiums, gymnasiums and warehouses

Health & Safety

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

Standard Sizes & Packaging

Width (mm)	Length (m)	m ² per roll	Nominal GSM	Product Code
Standard				
1350	37	50	395	-
1350	56	75	395	-
1350	60	81	395	105496
1350	500	675	395	105495
Perforated				
1350	60	81	395	105499
1350	500	675	395	105498

Accessories

When required to join or seal Thermoplast 990 it is recommended to use 'Bradford™ Thermoplast™ 990WFT Tape' in either 72mm or 96mm widths.

Width (mm)	Length (m)	Rolls per carton	Nominal GSM	Product Code
72	50	16	395	106138

Durability/Warranty

Bradford Thermoplast Medium Duty Decorative Facing Foil (990) is guaranteed to be free from manufacturing defects and perform in normal building applications when installed in accordance with AS/NZS 4200.2:1994 Pliable Building Membranes and Underlay's, Part 2 Installation Requirements including any special notes detailed in this data sheet.

Please note, all work must be designed and constructed in compliance with all provisions of the current New Zealand Building Code, regulations and relevant standards. Being a secondary roofing/wall wrapping material, Thermoplast 990 is not designed to withstand prolonged direct exposure to the elements. Accordingly, upon application of

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this product the external cladding should be installed without delay.

Thermoplast 990 should be stored in a cool and dry place away from sunlight before use, and should not come in to contact with wet concrete or other alkaline based materials.

To ensure durability and maximum thermal performance is achieved, Thermoplast 990 should be installed to present a minimum of 40mm air space adjacent to the white 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 Thermoplast 990 suitability for a specific application, please contact Bradford Insulation for more information.

Physical Properties

Classification in accordance with AS/NZ 4200.1 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
Absorbency	AS/NZS 4201.6:1994	Unclassified
Resistance to Dry De-Lamination	AS/NZS 4201.1:1994	Pass
Resistance to Wet De-Lamination	AS/NZS 4201.2:1994	Pass
Tensile Strength	AS 1301.448:1991	
Machine Direction(kN/m)		≥ 9.5 kN / M
Lateral Direction(kN/m)		≥ 6.0 kN / M
Edge Tear Resistance	TAPPI T470:1980	
Machine Direction (N)		≥ 65 N
Lateral Direction (N)		≥ 65 N
Fire Resistance		
Spread Factor	AS 1530 Part 2	3
Speed Factor	AS 1530 Part 2	0
Heat Factor	AS 1530 Part 2	1
Flammability Index**	AS 1530 Part 2	low
Ignitability	AS 1530 Part 3	0
Heat Evolved	AS 1530 Part 3	0
Spread of Flame	AS 1530 Part 3	0
Smoke Developed	AS 1530 Part 3	0 - 1

Specification

'Bradford™ Thermoplast™ Medium Duty Decorative Facing Foil (990)'.

Masterspec specification 4161B also available at www.masterspec.co.nz

Bradford™
for smarter environments

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

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Designing for Sustainability

Bradford Insulation has undertaken an audit of our glasswool, rockwool and reflective foil laminate insulation manufacturing processes referencing the US EPA List of Ozone Depleting Substances (Class 1 and 2). The audit found that no ozone depleting substances are involved in either the manufacture or composition of these products.

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