

Thermoplast 993 Black Perforated

Refer to product table below for applicable product codes covered by this document

Issue **A**

Product Type & Application

Thermoplast 993 Black Perforated is a facing product suitable for use in applications requiring aesthetic or acoustic properties. It is a reinforced, paper based, perforated laminate of black decorative lacquer and antiglare foil; bonded using a fire-retardant adhesive. Perforations provide a 9% openness factor. This product is not a Water Barrier or Vapour Barrier.

Compliance with the NCC

The perforations in this product make it unsuitable for applications exposed to the weather, condensation control or applications requiring water barrier properties.

For details on compliance when this facing material is used in conjunction with a Bradford bulk insulation board or blanket product, refer to the individual Product Technical Statement.

Evidence of Suitability

- Testing of the facing material only to AS/NZS 4200.1 across the following reports-
 - AWTA NATA Report 21-000531 – *Tensile Strength before perforation.*
 - AWTA NATA Report 21-000531 – *Edge Tearing before perforation.*
 - CSR Lab NATA Report NR-18202 – *Flammability Classification.*
 - CSR Lab Report R-20078 - *Thickness*

Testing details apply to the facing product only. For details of CSR Bradford-manufactured faced Glasswool or Rockwool completed products, refer to their individual Product Technical Statements.

Conditions of Storage & Maintenance

- Store in the original packaging in a cool, dry area, removed from UV light (direct sunlight).
- Do not pressure clean or use mineral based cleaners on this product.

Refer to the product SUIS/MSDS at Bradfordinsulation.com.au for more information.

Specific Design or Installation Instructions

- Isolate power before installation.
- **WARNING:** 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.
- Suitable as a facing material for Glasswool or Rockwool for aesthetic or acoustic purposes.
- **Condensation Risk Consideration:** This product is **not** an air, vapour or water barrier and when installed alone may not be suitable for condensation control. As there are many factors which can influence condensation risk it is highly recommended that designers undertake a hygrothermal analysis of the building design.

For general installation guidance refer to the product installation guide at Bradfordinsulation.com.au

Limitations of Use

- This product is perforated and is not suitable for applications that require the control of air, vapour or water.
- When used independently this product is not suitable for use as an exposed wall or ceiling lining and does not achieve a Group Number in accordance with AS ISO 9705 and AS 5637.1 (NCC 2019 Volume 1, Specification C1.10 Clause 4). For access to CSR-manufactured product combinations that achieve Group Numbers, refer to faced-Glasswool Product Technical Statements.
- This product should not be disturbed after installation and is not suitable for applications exposed to contact or impact from activity.
- This product is not designed to withstand prolonged, direct exposure to the elements - accordingly, the exterior cladding should be installed without delay. Products exposed to harsh weather conditions, or for more than 6 weeks in wall, or 2 weeks in roof applications should be inspected for damage prior to installation of the exterior cladding. Damaged product should be repaired or replaced to comply with the product warranty.
- This foil facing product should not come into contact with wet concrete, or alkaline materials.

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Applicable Product Codes

WIDTH (mm)	LENGTH (m)	m ² PER ROLL	WEIGHT (kg)	PRODUCT CODE
1350	60	81	27.22	131712

Additional Product Data – AS/NZS 4200.1

As this perforated product is not intended for air, water, vapour or thermal control, either alone as a sarking or wall wrap, or as a facing product on Glasswool or Rockwool; it is outside the scope of AS/NZS 4200.1. Test data given below are a guide, and not for compliance purposes.

Duty Classification (AS/NZS 4200.1)	Medium Duty before Perforation	
Tensile Strength (AS/NZS 4200.1 and AS 1301.448s) – Before Perforation	≥ 9.5 kN/m before perforation	Machine Direction
	≥ 6.0 kN/m before perforation	Lateral Direction
Edge Tear Resistance (AS/NZS 4200.1 and TAPPI T470) – Before Perforation	≥ 65 N before perforation	Machine Direction
	≥ 65 N before perforation	Lateral Direction
Water Control Classification (AS/NZS 4201.4)	Non-Water Barrier	
Vapour Control Classification (ASTM E96)	Non-Vapour Barrier	
Flammability Index (AS 1530.2)	≤ 5 (Low)	
Electrical Conductivity	Conductive	
Nominal Thickness	< 1.0 mm	
Taping / Sealing	Overlaps and joins in the facing material should be taped using the recommended tape for a consistent colour finish.	