

Ultraphon®

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

Issue **B**

Product Type & Application

Bradford® Ultraphon® is a bulk insulation facing product suitable for use in acoustic applications. It is a woven black glass yarn which is not a Water Barrier or Vapour Barrier.

Compliance with the NCC

The open weave in this product makes it unsuitable for applications for air, water, vapour or thermal control. As such it is outside the scope of AS 4200.1, and is not a sarking-type material or pliable building membrane as defined by the NCC.

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

Evidence of Suitability

- Testing of the facing material only to AS 4200.1 (as the most appropriate Australian Standard to follow) across the following reports is for information purposes only, not Code compliance-
 - AWTA NATA Report 7-598286-MN – *Tensile Strength*.
 - AWTA Report 14-000085 – *Vapour Control Classification*.
 - AWTA NATA Report 7-598315-BN – *Flammability Classification*.

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, away from UV light (direct sunlight).

Specific Design or Installation Instructions

- Isolate power before installation.
- Suitable for use as a facing material for bulk insulation.
- The product is for use in concealed internal environments.
- For products used in HVAC ductwork, design and installation should be in accordance with AS 4254.
- 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.
- **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

- **IMPORTANT: Do Not Modify This Product:** Compliance with the evidence of suitability data referenced in this document is only achieved by the product or configuration listed in this PTS.
- The open weave of this product makes it unsuitable for applications exposed to the weather, condensation control or applications requiring water barrier properties.
- This product is not intended for use as a wall wrap or roof sarking.
- This product does not have a Group Number in accordance with AS ISO 9705 and AS 5637.1 (NCC 2019 Volume 1 Amend. 1 Specification C1.10 Clause 4, NCC 2022 Volume 1 S7C4) and is not suitable as an exposed internal wall and ceiling lining.
- When combined with bulk insulation, the fire performance properties of the final system should be re-assessed by a certifying authority or contact Bradford for more information.
- This product does not provide a reflective R-value.
- This product should not be disturbed after installation and is not suitable for applications exposed to contact or impact from activity.
- Prior to installation, it is good practice to protect this product from UV exposure and harsh weather conditions which may cause damage.

Ultraphon®
Applicable Product Codes

WIDTH [mm]	LENGTH [m]	m ² PER ROLL	PRODUCT CODE
1500	50	75	197330

Additional Product Data – AS 4200.1

As this open weave product is not suitable for air, water, vapour or thermal control it is not a sarking-type material or pliable building membrane as defined by the NCC; either alone or as a facing product on Glasswool or Rockwool. It is outside the scope of AS 4200.1. Test data given below are for information only, and not for compliance purposes.

Tensile Strength (AS 4200.1 and AS 1301.448s)	≥ 13 kN/m	Machine Direction
	≥ 10.5 kN/m	Lateral Direction
Water Control Classification (AS/NZS 4201.4)	Non-Water Barrier	
Vapour Control Classification (ASTM E96)	Class 4 Vapour Permeable	
Flammability Index (AS 1530.2)	≤ 5 (Low)	