

REFLECTATHERM® PLUS

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Product specification to be Reflectatherm Plus by The A Proctor Group, Blairgowrie

Manufacturer

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Detailed Description

Vapour Control Layer to be used shall be Reflectatherm Plus supplied by The A Proctor Group, Blairgowrie.

Reflectatherm Plus is a spun-bonded polypropylene nonwoven and foil laminate designed for use as a vapour control layer with the added benefit of enhance thermal performance when placed next to a cavity.

Product

Product performance specification as follows:

Roll Size

1.5m x 50m, 2.7m or 3m x 100m

Material

Polypropylene Spunbond Nonwoven, Polyethylene and Foil laminate

Technical Properties

- Mass per unit area: to be no less than 140g/m²
- Water vapour resistance: to be no less than $S_d = 150m$ when tested to EN1931
- Reaction to Fire: to be no worse than Class E when tested to EN 13501-1
- Water Penetration: to be no less than Class W1, aged and unaged, when tested to EN 13111:2010
- Tensile Strength: to be no less than MD 200N/50mm; CD 140N/50mm when tested to EN 12311-1
- Tear Resistance: to be no less than MD 140N; CD 180 N when tested to EN 12310-1
- Elongation: to be no less than MD 30%; CD 40% when tested to EN 12311-1
- Emissivity: to be no worse than 0.05

Reflectatherm Plus is a reflective, high resistance vapour barrier for internal walls, ceilings and floors, with specific attributes to enhance the thermal performance when placed on the warm side of the insulation. The membrane should be installed with the foil side facing the cavity. In ceilings the product is placed between the underside of the rafters and the ceiling lining. In floors the product is placed on top of the structural decking or insulation (where present) and below any screed or sensitive floor coverings.

Benefits

- R value of 0.72 m²K/W when used with a minimum 19mm service cavity
- High vapour resistance
- Improves airtightness
- Creates service void
- Creates an unbroken vapour control layer
- S_d Value of > 150m
- Vapour Resistance 750 MNs/g
- Help meets the requirements of the Part L in England and Wales, Section 6 in Scotland

Product Reference

[Reflectatherm Plus](#)

Revised Date:

19.12.2024

Version:

1.005

New Review Due:

December 2025