

# NOVIA®

## Vapour control and insulation facings

Novia® vapour control laminates restrict the passage of moisture vapour from the warm side of the insulation to the cold side, thus reducing the risk of condensation forming within an insulated structure. Fix on the warm side of insulation with suitable laps and taped joints. Please also ask for Novia butyl sealing tape and foil lap tapes to ensure an airtight seal is achieved.

**All Novia Vapour Control Layers are compliant with the new European Construction Products Regulations.**

### Novia® VC6 Reflective

A technologically advanced reflective air-tight vapour check membrane, designed for use as an air leakage barrier and vapour control layer (VCL) for all insulated walls, roofs and floors. CE approved, and complies with BS EN 13984:2013 for vapour control layers.

**Size available** 1500mm x 50mm  
**Reflectivity** 86%  
**Sd-Value** 6 metres



### Novia® VC2

A non-foil construction air-tight vapour check designed for use both as an air leakage barrier and a vapour control layer within a "Vapour Open" insulated structure. CE approved, and complies with BS EN 13984:2013 for vapour control layers.

**Size available** 1500mm x 50m  
**SD Value** 2-5 metres (EN 1931)  
**Moisture Vapour Resistance** 10.4-26 MNs/g  
**Flame Resistance** B2 (DIN 4102)

### Novia® STRP VCL

Novia STRP is a strong reinforced polythene membrane VCL laminate, for use with metal profile clad industrial buildings or commercial properties. CE approved, and complies with BS EN 13984:2013 for vapour control layers.

**Size available** 2000mm x 50m  
**Water Vapour Resistance** Minimum 550 MNs/g  
**Weight** 250 gsm





## Novia® FF1 VCL

A reinforced, bitumen-bonded laminate of aluminium foil and kraft paper with properties in accordance with BS 1521, Class A1F.

**Size available** 1000mm x 50m  
**Moisture Vapour Resistance** 3420 MNs/g

## Novia® 500 Gauge Polythene VCL

This is a 500 gauge virgin grade polythene VCL for use in timber frame constructions, or other applications where the control of water vapour is necessary. This product is CE Approved to EN 13984:2013.

**Size available** 2700mm x 50m



## Novia® 1000 Gauge Polythene VCL

A traditional specification, single-ply, non-laminated, virgin grade blown polythene material. It is designed for use as an air leakage barrier and vapour control layer (AVCL) in insulated wall, roof and floor applications. This product is CE Approved to EN 13984:2013.

**Size available** 2700mm x 50m

## Novia 1200 Gauge Polythene VCL

A 1200 gauge virgin grade polythene VCL for use in timber frame constructions, or other applications where the control of water vapour is necessary. This product is CE Approved to EN 13984:2013.

**Size available** 4000mm x 25m  
**Water Vapour Resistance** At least 700 MNs/g



## Insulation Facing

### Novia FSPE (BCO bright 'Class O' foil)

A 5 x 5 mm scrim reinforced 18 micron aluminium foil / laminate achieving a Class "O" fire rating to BS 476 when used as a facing on suitable insulation substrates. Also available in 12 micron foil.

**Sizes available** 1000mm x 250m & 1200mm x 250m  
**Moisture Vapour Resistance** 1710 MNs/g  
**Surface spread of flame** Class "O" (BS 476) on suitable insulation



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