

TECHNICAL DATA SHEET

Reflective VCL

Description:

A two-layer vapour control membrane based on polypropylene non-woven with a layer of aluminium screen. The product is resistant to mechanical damage. Actively provides vapour control for use as a vapour permeation regulator. It also saves energy by reflecting and retaining some of the energy that is transmitted in the form of infrared radiation.

Benefits:

Reflective coating reduces heat loss.

Actively regulates the water vapour level in the room.

Protects the thermal insulation against the harmful effects of water and moisture.

Helps maintain a healthy and fresh climate in the attic.

Application:

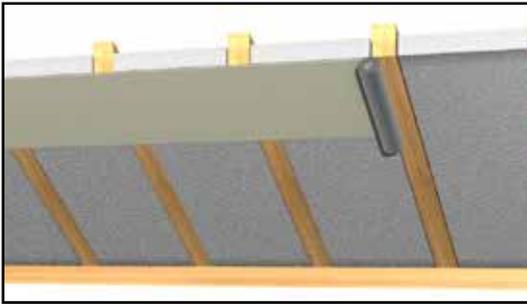
For attics, walls and ceilings.

Parameters:

Materials	Polypropylene, Aluminium
No. layers	2
Mass per unit area	80g/m ² ± 8%
Colour	Beige, Silver
Roll width	1.5m
Roll Length	50m
Reaction to Fire Performance	Class E
Resistance to water penetration	Meets the requirements
Impact resistance	≤ 800mm
Diffusion resistance factor (sd)	40m
Lengthwise tensile strength	≥ 185N/50mm
Crosswise tensile strength	≥ 140N/50mm
Lengthwise elongation	≥ 50%
Crosswise elongation	≥ 10%
Lengthwise tear resistance	≥ 44N
Crosswise tear resistance	≥ 60N
Straightness	Meets the requirements
Dimensional stability	< 2%

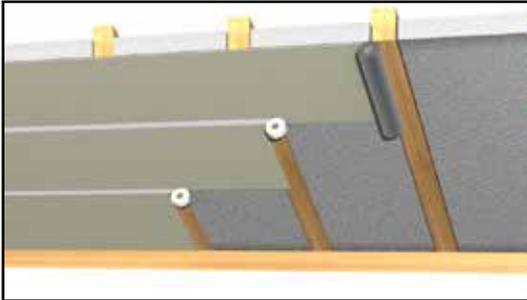
Meets the standard: EN 13984:2013



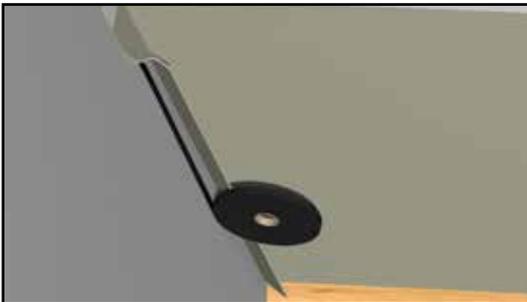


Installation:

1. Fix the vapour control layer strips horizontally (preferably from top to bottom) or vertically with inscriptions on the inside with pre-installed doublesided tape (e.g. Vent3 Double sided tape) or, if the situation requires it (e.g. timber frame), with a stapler. Cover the places where the vapour control layer is perforated by staples with adhesive tape (e.g. Cromar Single sided tape).



2. Further vapour control layer strips should be installed with a suitable overlap, which is printed on the membrane and bonded with single-sided (e.g. Cromar Single sided tape) or double-sided tape (e.g. Vent3 Double sided tape).



3. The places where the vapour control layer connects to the wall should be sealed with special adhesive or butyl tape (e.g. BUTYL tape). It is recommended to use an additional hold down strip and to leave about 2 cm of excess foil (folds).



4. Seal all places where service lines pass through the vapour control layer (e.g. electrical cables, pipes, etc.) thoroughly with special adhesive or adhesive tape (e.g. Cromar Single sided tape, BUTYL tape).

Packing:

Quantity per pallet (rolls/m ²)	40/3000
Pallet dimensions: LxWxH (m)	1.2 x 0.8 x 1.6
Product Code	TVCL/75

Storage:

Store the product in an upright position, in covered, airy rooms, away from active heating devices. Protect against chemicals and UV rays, due to the possibility of lowering technical parameters or permanent damage to the product. The rolls should be transported in covered transport means, secured against movement.

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail: info@cromar.uk.com or telephone our Technical Line on 01977 663 133 option 4. All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.



Reflective VCL

Cromar reflective vapour control layer is installed on the warm side of the insulation and will control the amount of vapour escaping into the roof void.

- Reflective coating reduces heat loss.
- Actively regulates the water vapour level in the room.
- Protects the thermal insulation against the harmful effects of water and moisture.
- Helps maintain a healthy and fresh climate in the attic.

For **attics, walls** and **ceilings**.

Materials	Polypropylene, Aluminium
Colour	Beige, Silver
Roll width	1.5m
Roll Length	50m
Quantity per pallet (rolls/m ²)	40/3000
Pallet dimensions: LxWxH (m)	1.2 x 0.8 x 1.6
Product Code (for ordering)	TVCL/75

Meets the standard: **EN 13984:2013**

