

# BPIR Declaration

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*Designated building product: Class 2*

Ventüer has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

## Product System

**Name** Ventüer VL-50CM Ventilation Louvre  
**Line** VL  
**Identifier** 50CM

## Description

The Ventüer VL-50CM aluminium louvre system is a 50mm screening louvre that shares the same frame and concealed mullion system as are used by the high performing VL-2SD & VL-3SD products. While it does not have a high level of rain defence, it does have a low pressure drop and is ideal for plant screens, exhaust louvres and inactive (blanked-off) sections of double and triple bank systems. Available in a wide range of standard powdercoat colours, the VL-50CM is manufactured to order and can be fabricated in a wide range of sizes. Independently tested and certified to BS/EN:13030.

## Scope of Use

Designed for use as a screening louvre, as a decorative facade element or as a visual screen around mechanical plant enclosures. Excellent airflow characteristics, allowing maximum ventilation to mechanical equipment. No size limitations – the clip-fixed front blade profile provides a continuous appearance. Constructed from extruded aluminium and suitable for salt-spray zones and other corrosive environments when powdercoated appropriately. When viewed externally, the VL-50CM is visually identical to the multistage VL-2SD and VL-3SD louvre systems and can be used in conjunction with these products where areas of the louvres are inactive and have sealed blanking fitted to the rear.

## Relevant Building Code Clauses

Clause B1 Structure: Performance B1.3.3(a), B1.3.3(f), B1.3.3(h)

Clause E2 External moisture: Performance E2.3.2

Clause G4 Ventilation: Performance G4.3.1

## Contributions to Compliance

- When sized correctly, the VL-50CM louvre system complies with the requirements for natural ventilation of buildings under the New Zealand Building Code clause G4
- When installed in accordance with Ventüer technical literature, shop drawings and site-specific engineering the VL-50CM louvre system complies with the requirements for structure under the New Zealand Building Code clause B1
- When installed in accordance with Ventüer technical literature and shop drawings the VL-50CM louvre system complies with the requirements around external moisture as outline in New Zealand Building Code clause E2

## Design Requirements

- Extruded aluminium construction, available in any standard powdercoat colour or anodising
- No size limitations - the clip-fixed front blade profile provides a continuous appearance
- Visually identical to the VL-2SD and VL-3SD weather resistant louvre systems
- Excellent airflow characteristics, allowing maximum ventilation to mechanical equipment
- Independently tested and certified to BS/EN:13031
- Cost effective
- The VL-50CM should not be used as a weather louvre due to its low resistance to wind driven rain.

## Installation Requirements

Installation requirements for the VL-50CM louvre system vary dependent on the site wind loads, louvre panel sizes, cladding type and primary structure detailing. Ventüer provides full shop drawings for all installations which show sequencing, fixing type and sizing, flashing requirements and sealant details. Installers should make themselves fully conversant with these shop drawings prior to installation commencing.

## Supporting Evidence

The product has and can make available the following additional evidence to support the above statements: Contact Ventüer for further details.

## Contact Details

**Legal & Trading Name of Manufacturer**  
**Address for Service**  
**Website**  
**Email**  
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**Manufacturer NZBN**

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