BPIR Declaration

Designated building product: Class 2

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

Product System

Name Ventuer VL-55S Ventilation Louvre
Line VL
Identifier 55S

Description

The Ventüer VL-55S aluminium louvre system is a slim single bank ventilation louvre ideal for small grilles, exhaust vents, louvred doors and mechanical screening. It comes with flanged and channel frame options, and can be fitted with bird mesh, insect mesh or dust filters. Available in a wide range of standard powdercoat colours, the VL-55S 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

Slimline single bank louvre designed for small grilles and louvred doors where exposure to moderate levels of wind and rain are expected, and where some water carry over is acceptable. Constructed from extruded aluminium and suitable for saltspray zones and other corrosive environments when powdercoated appropriately. Compatible with all common structure and cladding types, including precast concrete, metal cladding, fibre cement sheet and unitised curtainwall systems. Ancillaries such as bird mesh, insect mesh, dust filters, mechanical dampers and plenums can be supplied fitted to the rear face.

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-55S 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-55S 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-55S 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
- Slim blade profile enables the construction of small louvre grilles and door inserts
- High resistance to vandalism and damage thanks to sturdy construction
- Can be fitted with ancillaries such as bird mesh, insect mesh, dust filters, mechanical dampers and plenums
- Independently tested and certified to BS/EN:13031
- Water ingress from wind driven rain can be substantial if exposed to high winds or situated where cross flow can occur (i.e. having louvres on both sides of an emtpy building such as a storage facilty). If interior linings or equipment within the building can be damaged by exposure to water, consider using the double bank VL-2SD louvre system instead.

Installation Requirements

Installation requirements for the VL-55S 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	Ventuer Limited
Address for Service	76 Clayden Road, Warkworth, Auckland 0985
Website	ventuer.co
Email	sales@ventuer.co
Phone	+64 09 9733616
Manufacturer NZBN	9429047214217