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Velux Sun Tunnels

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Abbreviation

BRANZ-CM-1010

Valid from

15/05/2020

Information provider

Ministry of Business, Innovation and Employment

Author

Building Research Association of New Zealand

Information type

Product Certificate (CodeMark)

Format

PDF

Description

Velux Sun Tunnels are aluminium framed double glazed roof windows with a light transmission tunnel and ceiling mounted light diffuser. Velux Sun Tunnels (TWF, TWR, TLR and TCR) can be identified by their brand markings on both the unit themselves and the packaging.

Scope

Velux Sun Tunnels (TWF, TWR and TLR) are for use on roofs of buildings to provide natural light into spaces in buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with respect to building height and maximum floor plan area; and,
- with roof structures designed and constructed to meet the requirements of the NZBC; and,
- with pitched roof cladding types and profiles specified in E2/AS1; and,
- with a roof pitch between 15° and 60°; and,
- situated in NZS 3604 Wind Zones, up to and including Extra High; and,
- on buildings designed for up to a 1 kPa snow loading.

Velux Low-Pitch Sun Tunnels (TCR) are for use on roofs of buildings to provide natural light into spaces in buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with respect to building height and maximum floor plan area; and,
- with roof structures designed and constructed to meet the requirements of the NZBC; and,
- for use on flat or nominally flat roofs making use of membrane roof systems; and,
- with a roof pitch between 0° and 60°; and,
- situated in NZS 3604 Wind Zones, up to and including Extra High; and,

- on buildings designed for up to a 1 kPa snow loading.

Velux Sun Tunnels must be installed in accordance with the Technical Literature supplied by Velux New Zealand Limited.

The installation of Velux Sun Tunnels must be completed by installers trained by Velux New Zealand Limited or by competent, experienced tradespersons with an understanding of roof window installation and weathertightness details.

The roof structure must be checked by a suitably qualified person for structural adequacy and suitability of the existing roof cladding prior to installation.

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