Rosenfeld Kidson Cedarscreen Bevel Back Weatherboard

Product Technical Statement: 104096

miproducts

Horizontal cedar weatherboards, either direct fixed or cavity fixed, rebated or standard bevel back.
View miproducts listing

Level of assurance needed to demonstrate NZ Building Code Compliance

M MEDIUM

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme

Rosenfeld Kidson Cedarscreen confirms that this minimum level of assurance has been met or exceeded by the following:
CodeMark
CMA-CM40131

masterspec partner

Technical Statement

Product Description

Cedarscreen Bevel Back is an external horizontally fixed wall cladding system. The system uses Rosenfeld Kidson Bevel Back and Rebated Bevel Back Cedar weatherboards.

It is compliant as both a direct fixed and cavity fixed wall cladding material with fixing methods in accordance with Acceptable Solution E2/AS1. Horizontal weatherboards shall be either direct fixed or fixed over a drained cavity, in accordance with the risk categories as shown in Clause 3.0 and Tables 1, 2 and 3 E2/AS1.

Scope of use

Cedarscreen Bevel Back is compliant as both a direct fixed and cavity fixed wall cladding material with fixing methods in accordance with Acceptable Solution E2/AS1. Horizontal weatherboards shall be either direct fixed or fixed over a drained cavity, in accordance with the risk categories as shown in Clause 3.0 and Tables 1, 2 and 3 E2/AS1.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(a), B1.3.3(h), B1.3.3(j), B1.3.3(q), B1.3.4, B1.3.4(a), B1.3.4(b), B1.3.4(c), B1.3.4(d), B1.3.4(e)
- **Clause B2 Durability:** Performance B2.3.1(b), B2.3.2, B2.3.2(a), B2.3.2(b)
- **Clause E2 External moisture:** Performance E2.3.2
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

B2 Durability E2 External moisture

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

CodeMark
CMA-CM40131

Product Criteria

Design requirements

Sizes & Grades: Our weatherboards are available in 19mm, 28mm and 39mm thicknesses and cover widths range from 58mm up to 203mm. The standard weatherboard length range is 1.83m to 4.88m, averaging 3.35m. Selected and longer lengths are available on request.

Profiles: Standard profile range RK 61, 62, 63 and 64. Architectural profile range RKA600 to RKA603. Profiles are manufactured to meet the requirements of E2/ AS1 (Acceptable Solution). This is achieved with compliance to Clauses 9.4.1 and 9.4.1.1 of E2/AS1 and Clause 9.4.1.3 E2/ AS1 horizontal bevel back profiles and are as given in NZS 3617 or Branz Bulletin 411.

Installation requirements

Cedarscreen Bevel Back must only be installed by a registered Licenced Building Practitioner. Fixing methods shall be in accordance with Clause 9.4 E2/AS1. Ensure on-site provisions are appropriate allowing for good storage and working space. Ensure all timber products are free from sub-trade and climatic contamination during the building process. Weatherboards shall be fixed through the wall underlay to the framing in accordance with Table 24 E2/AS1. Fixings shall be hand driven.

Company Contact Details

RK CEDARSCREEN BEVELBACK

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Website:	http://www.cedarscreen.co.nz

Weatherboards shall be pre-drilled prior to fixing with a single fixing to each fixing point. Laps shall be 32mm bevel back and 25mm for rebated bevel back boards with a minimum 2mm gap at the overlap between rebated boards. Locate nails 10mm above the lap. For fixing over a cavity use 85x3.2mm annular grooved nails, for direct fixing use 60x3.2mm annular grooved stainless steel 316 or silicon bronze nails. Bevel back weatherboards shall be fixed to framing at a maximum 600mm centres.

Maintenance requirements

Maintenance shall be carried out as necessary to achieve the required durability of materials, components and junctions. This is dependent on: • Type of cladding and components used. • Position of cladding and components on the building. • Geographical orientation/location • Manufacturer cleaning and recoating schedules. Annual inspection of the cladding material must be made to ensure that all aspects of the cladding system, including flashings and joints remain weatherproof. Any damaged areas or areas showing signs of deterioration, which could allow water ingress must be repaired immediately. Regular cleaning (at least annually) of the stain or WoodOil coating is required to remove dirt or grime and fungal growth. Dirt and grime may be removed with the use of a soft brush, warm water and a light detergent cleaner. Recoating with either a stain or WoodOil will be required throughout the life of the cladding system.

Company Product Information

Environmental

Western Red Cedar is also favoured by conservationists as the forests of British Columbia, from where our cedar is sourced, are well-managed and certified as such. All our producers carry certification under SFI, CSA, FSC or PEFC. Please refer to the following site for more information regarding this: www.wrcea.org/environment-sustainability/intro.htm.

Relationships

CodeMark CMA-CM40131

Date last validated: **11 September 2015**

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