

SPECIFICATION TEMPLATE

CEDRAL Prefinished Fibre Cement Weatherboards

1. SCOPE OF WORK

The scope of work includes the design, supply, fabrication and installation CEDRAL Prefinished Fibre Cement Weatherboards, complete with all necessary sub-structures, anchors, hardware and fittings to provide a total installation and cladding system from the structure out.

2. MATERIAL AND FINISHES

Cladding Material:

CEDRAL prefinished fibre cement weatherboard planks shall be supplied by Blue Chip Group Pty Ltd (Ph: 08 9451 2344) Made from steam-hardened cellulose-reinforced fibre cement with a proprietary factory applied surface finish. Once installed correctly according to the manufacturer's guidelines CEDRAL needs no further coating, maintenance, repair, replacement or refurbishment during the full life span of the product. The service life of CEDRAL weatherboards is 40 to 60 years.

****NO ALTERNATIVE MATERIALS WILL BE ACCEPTED FOR THIS PROJECT****

Colour Selection:

Refer to exterior finishes schedule.

Material Properties:

		CEDRAL Lap	CEDRAL Click
Installed weight:		19.3kg/m ²	17.8kg/m ²
Density:		1300kg/m ³	1300kg/m ³
Bending strength:	Longitudinal	23N/mm ²	23N/mm ²
Bending strength:	Transverse	11N/mm ²	11N/mm ²
Modulus of elasticity:	Longitudinal	7500N/mm ²	7500N/mm ²
Modulus of elasticity:	Transverse	5500N/mm ²	5500N/mm ²
Expansion from dry air to saturated		1.75mm/m	1.75mm/m
Thermal conductivity		0.212W/mK	0.212W/mK
Reaction to fire:	EN 13501-1	A2-s1, d0	A2-s1, d0
Reaction to fire:	Clause C1.9 of the BCA/NCC	Deemed non-combustible	Deemed non-combustible

Material Dimensions:

	CEDRAL Lap	CEDRAL Click
Length	3600mm	3600mm
Width	190mm	186mm
Thickness	10mm	12mm
Weight per Plank	11.2kg	12.2kg

Fixings:

Fasteners, including concealed screws, nuts, bolts and other items required for connecting aluminium to aluminium or aluminium to steel shall be in accordance with AS 3566.2 and of a type to suit its application and exposure conditions.

- Class 1/2: Internal applications.
Class 3: External applications, moderate industrial and marine applications.
Class 4: Severe marine applications

All fixing anchors, brackets and similar attachments used in the erections, shall be of aluminium, non-magnetic stainless steel, zinc coated steel, or hot dip zinc galvanised steel.

Dissimilar Materials:

Where two surfaces of dissimilar material come into contact, such surfaces shall be separated with a layer of PVC or Polyethylene tape or powder-coat finish.

Warranty:

CEDRAL shall be covered by a manufacturer's warranty for a minimum period of 10 years. All work to be carried out in accordance with the CEDRAL manufacturer's recommendations and installation details. **Life Expectancy:** 40-60 years

3. INSTALLATION

The cladding system shall be installed by a trained installer with a demonstrated experience installing CEDRAL. All work to be carried out in accordance with the CEDRAL manufacturer's recommendations and installation manuals. All component parts shall be installed level, true to line with uniform joints and reveals.

Sarking:

Shall be a suitable weather barrier for the required application and climate zone.

Sub-framing System:

The battens to be attached to the main structure in a manner to ensure all applied loadings to the cladding is transferred back to the main structure. Size and spacing of batten members shall be determined according to applied loads and deflection limitations. Batten spacings shall be maximum 600mm to adequately support the weatherboards.

Installation System Code:

CL-CSF: CEDRAL Lap - Concealed Screw Fix
CC-CCF: CEDRAL Click - Concealed Clip Fix

(Installation Guides available on request)

(Delete option not required)

Disclaimer:

This Specification provided is generic in nature and is supplied in good faith for Specification guidance purposes only. It is understood that no 2 projects are alike and project specific information and advice should be obtained from necessary engineers, consultants and suppliers on a project to project basis.