



## SPECIFICATION TEMPLATE

### BICEP Ventilated Rainscreen Façade System

#### Ventilated Rainscreen Façade System:

The ventilated rainscreen façade system shall be BICEP Aluminium (AL) \_\_\_\_ mm brackets, with an inbuilt 6mm thermal stop and additional 6mm thermal break spacer with a combined R-value of R0.2 for a compliant thermal break in accordance with NCC 2022 Section J, Clause J3D6, deemed-to-satisfy non-combustible in accordance with NCC 2022, Clause C2D10 requirements, installed in conjunction with IROCK non-combustible insulation and ULTRAPERM vapour permeable membrane, supplied by Blue Chip Group Pty Ltd (Ph: 1300 945 123).

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

#### Fire Performance:

All BICEP system components can be used in all construction types A, B and C and on all building classes 1-10 anywhere a non-combustible material is required, all being deemed-to-satisfy non-combustible or exempted from the requirement to be non-combustible in accordance with NCC 2022 as follows:

- Aluminium (AL) components: Clause C2D10(5)(d)
- Coated Steel (CS) components: Clause C2D10(6)(e)
- Stainless Steel (SS) components: Clause C2D10(5)(b)
- PVC Thermal Stops / Break Spacers: Clause C2D10(4)(f)(ii)

#### Physical Properties:

ITEM	MATERIAL / TECHNICAL DATA
Bracket Material	<b>Aluminium (AL):</b> Band Almg 2,5/H12, WNr: EN AW-5052 according to DIN EN 573-3, tolerances according to DIN EN 485-3 – <i>Item No. BCBA***</i>
Elastic Modulus	<b>Aluminium (AL):</b> 70,000 n/mm <sup>2</sup>
System Depth Including Thermal Stop	<b>Aluminium (AL):</b> 55mm-945mm
Thermal Stop / Break	<b>Material:</b> Hard Foamed PVC <b>Thermal Conductivity:</b> 0.06 W/mK <b>Thickness / R-value:</b> <ul style="list-style-type: none"> <li>- 6mm thick R0.1 as standard with all brackets</li> <li>- 12mm thick R0.2 with added <i>Item No. BCTBS6</i></li> </ul> <b>Compressive Strength:</b> 10 N/mm <sup>2</sup> <b>Impact Resistance:</b> 15 kJ/m <sup>2</sup>
Support Profiles	<b>Aluminium (AL):</b> 60 x 40mm L-profile, 6.0m Lengths – <i>Item No. BCLA6060</i> 100 x 40mm T-profile, 6.0m Lengths – <i>Item No. BCTA6060</i>

#### Installation:

The BICEP system shall be installed as per manufacturer's recommendations, project specific structural engineering requirements and recommendations, all local and national construction standards, and in conjunction with IROCK non-combustible exterior insulation and ULTRAPERM vapour permeable membrane to support the specified exterior cladding system.

#### Product Warranty:

A project specific warranty provided by Blue Chip Group Pty Ltd shall be submitted. All work to be carried out in accordance with the manufacturer's recommendations.