**CASSETTE CLADDING SPECIFICATION**

1. **GENERAL**
	1. This specification relates to the supply and installation of Cassette Cladding to the exterior façade of the building.
	2. This specification covers aspects of work after the design for the cladding have been completed, building consent have been applied for and it has been granted.
	3. This section is addressed to the general Contractor constructing the building.
		1. The Contractor may a) appoint a third-party Installer to provide and install the Cassette Cladding and b)obtain the relevant warranties and documentation from that Installer.
		2. The Contractor may also provide the necessary Cassette Cladding components to the Installer and obtain the relevant warranties and documentation from that Installer.
2. **MANUFACTURER DOCUMENTS**
	1. Cassette Cladding D Series installation guide (D-4ACP)
3. **SUPPLIER CONTACT DETAILS AND DOCUMENTS**
	1. Supplier contact details:

Company: Kaneba Limited

Web: www.kaneba.co.nz

Email: jan@kaneba.nz

Telephone: +6421447564

* 1. Before Practical Completion provide a warranty from the supplier on its standard warranty form covering 15 years from Practical Completion for the Cassette Cladding system components.
	2. Before Practical Completion provide a maintenance document explaining how and with what to clean the Cassette Cladding system with after practical completion.
1. **INSTALLER DOCUMENTS**
	1. Before Practical Completion provide a workmanship warranty from the Installer covering 5 years from Practical Completion for installation of the Cassette Cladding system.
	2. Provide this warranty on the Proforma Cassette Cladding Installer form.
	3. After completion of the Cassette Cladding installation and before Practical Completion provide Producer Statement PS3 (Construction) on the relevant BCA form from the Installer.
2. **SAMPLES**
	1. Before commencing panel fabrication provide 300mm x 300mm panel samples (including all perimeter frames) of each different panel perimeter and finish for review by the Contract Administrator.
3. **REQUIREMENTS**
	1. The Installer of the Cassette Cladding system must be suitably qualified / registered to execute restricted building work where those requirements apply.
	2. Where a specific Cassette Cladding Installer is named in Schedule 1 of this document, Cassette Cladding must be provided by the named Installer.
	3. Cassette Cladding panels must be fabricated by the Cassette Cladding Supplier to the specifications of the Cassette Cladding Panel Fabrication Guidelines.
	4. The Cassette Cladding system may not be substituted nor any of the Cassette Cladding components.
	5. Cleaning requirements are stipulated in section 9 of the Cassette Cladding Guidance Document.
	6. Where required by the BCA, on completion of the builders work, before Practical Completion provide Producer Statement PS4(Construction Review) from a suitably qualified person acceptable to the relevant BCA [[1]](#footnote-1)
	7. On completion of the builders work, before Practical Completion provide other information required by the BCA in the Building Consent Approval documents[[2]](#footnote-2)
	8. Accept responsibility for the weather-tight performance of the completed external façade, including all penetrations.[[3]](#footnote-3)
4. **RELATED PRODUCTS SPECIFIED ELSEWHERE**
	1. WALL UNDERLAY AND RELATED FLASHINGS
		1. For rigid air barriers, refer to the appropriate separate section(s) of the project specifications that apply.
	2. TIMBER WALL FRAME
		1. For timber wall frame, refer to the appropriate separate section(s) of the project specifications that apply.
5. **EXECUTION (PRE-SITE)**
	1. Order all Cassette Cladding cladding panel facings from the same production batch so that there is no noticeable colour variance after installation.
	2. Do not deliver to site any Cassette Cladding components or panels which cannot be immediately unloaded into suitable conditions of storage.
	3. Handle and store Cassette Cladding components and panels in accordance with the Cassette Cladding stated requirements and so that no damage will be done to the form, material, or finish. Avoid distortion of elements during transit, handling and storage. Prevent surfaces from rubbing together. Prevent contact with mud, plaster and cement, or with dissimilar metals. Do not use adhesive tape, film, papers, sprayed protective coatings, or masking tape.
	4. Ensure all elements and accessories are compatible on the electrochemical scale of metals so that no excessive sacrificial corrosion will occur.
	5. Do not start installation or fabrication of Cassette Cladding until the drawings, installation details and samples have been approved.
	6. Refer to Cassette Cladding Guidance Section 7 & 8 for the permitted tolerances.
	7. Remove extent of protective foil on panel surfaces after installation.
6. **EXECUTION (ON-SITE)**
	1. Check previously completed trades to confirm it is of the required standard to ensure proper installation of the Cassette Cladding system.
	2. Confirm that exterior wall openings have been prepared ready for the installation of all window and door frames and other penetrations through the cladding. Required preparatory work includes the following:
		1. wall underlay to openings finished and dressed off ready for the installation of window and door frames and other penetrations.
		2. installation of flashings (those required to be installed prior to installation of penetrating elements).
	3. Install Cassette Cladding “First Fix” components.
		1. Do not install any parts that are defective in any way, including warped, bowed, dented and broken.
		2. Ensure all Cassette Cladding components are level, true to line with uniform joints and reveals.
		3. Ensure anchorage of the Cassette Cladding structure to the building structure is to Cassette Cladding approved methods and requirements.
		4. Remove protective film from the area of fixing prior to fastening.
		5. Set screws tension-free to allow for thermal expansion.
	4. Carry out routine trade cleaning of this part of the work including periodic removal of all debris, unused and temporary materials from the site.
	5. Install “Second Fix” Cassette Cladding panels in accordance with Cassette Cladding installation guide and approved drawings, prototypes, samples and installation details.
	6. Consult and coordinate as necessary with installers of adjoining and related work. Install Cassette Cladding panels to accommodate thermal expansion.
	7. Replace any defective or damaged Cassette Cladding component with new parts.
	8. In situ touch-up of factory applied finishes is not permitted unless a trial repair is subsequently approved in writing by the Contract Administrator.
	9. Ensure the work is complete with all flashings, finishing and trim properly installed to the Cassette Cladding requirements.
7. **COMPLETION**
	1. Remove protective foil using the required method as soon as possible after installation.
	2. Replace damaged or marked elements unless a trial repair is subsequently approved in writing by the contract administrator. Leave work to the standard required for following procedures.
	3. Follow Cassette Cladding guidance and clean all panel surfaces to remove all marks, dust and dirt to enable a visual inspection of all surfaces at completion of the installation and again at contract completion.
8. **SCHEDULE 1 - PROJECT SPECIFIC SELECTIONS**

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| **ITEM** | **SELECTION (DESCRIPTION)** |
| Preferred Cassette Cladding installer | *Optional. If there is a preferred CCS Installer.* |
| Cassette Cladding system | D-4ACP |
| Cladding | Alucobond PLUS ‘500 Silver Metallic’;Alucobond PLUS ‘326 Black’ |
| Panel type | P01 – Option 1 |
| Extrusion Colour | For panels where Silver Metallic is used – Dulux Metro Silver Pearl (928)For panels where Black is used – Dulux Flat Pod Matt (903) |

1. This is not undertaken by the Cassette Cladding Installer. Where the suitably qualified person is not engaged by the Client the general Contractor is responsible for the engagement, scheduling of relevant inspections and associated costs. [↑](#footnote-ref-1)
2. Ditto [↑](#footnote-ref-2)
3. The Cassette Cladding contractor for their part, but the general Contractor for the entire wall including structure, underlays, windows and Cassette Cladding. [↑](#footnote-ref-3)