

OLAM[®]Clad – Technical Specs for Cladding suites

SCOPE:

The scope of work comprises the design, supply fabrication and installation of OLAM[®] Clad solid aluminium panel cladding, inclusive of all necessary flashings, copings, sub-structures, bracketry's, anchors and fixings fully in conformity with the design requirements.

1. ANTAR[™]

Supply and install OLAM[®] Clad ANTAR solid aluminium non-combustible cladding suite. OLAM[®] Clad ANTAR profile pitch to be **150 /200mm** *{strike which is not applicable}* complete with vapour barrier (if external application), top hats (galvanised) and proper fixings.

The cladding system must withstand a design wind load of 3.5kPa @600mm ctc fixings.

The cladding must be compliant with requirements of C1.9(c) of Part C: Fire resistance and stability of the NCC2019 (Vol 1) and been tested to AS1530.1 and AS1530.3.

All exposed surface of the cladding system to be in _____ finish.

2. CEKOR[™]

Supply and install OLAM[®] Clad CEKOR solid aluminium non-combustible cladding suite. OLAM[®] Clad CEKOR profile pitch to be **150 /200mm** *{strike which is not applicable}* complete with vapour barrier (if external application), top hats (galvanised) and proper fixings.

The cladding system must withstand a design wind load of 3.5kPa @600mm ctc fixings.

The cladding must be compliant with requirements of C1.9(c) of Part C: Fire resistance and stability of the NCC2019 (Vol 1) and been tested to AS1530.1 and AS1530.3.

All exposed surface of the cladding system to be in _____ finish.

3. SHIM[™]

Supply and install OLAM[®] Clad SHIM solid aluminium non-combustible cladding suite. OLAM[®] Clad SHIM profile pitch to be 200 / 275mm *{strike which is not applicable}* complete with vapour barrier (if external application) , top hats (galvanised) and proper fixings.

The cladding system must withstand a design wind load of 3.5kPa @900mm ctc fixings.

The cladding must be compliant with requirements of C1.9(c) of Part C: Fire resistance and stability of the NCC2019 (Vol 1) and been tested to AS1530.1 and AS1530.3.

All exposed surface of the cladding system to be in _____ finish.

4. OTAK[™]

Supply and install OLAM[®] Clad OTAK solid aluminium non-combustible cladding suite. OLAM[®] Clad OTAK profile pitch to be 200mm complete with vapour barrier (if external application), top hats (galvanised) and proper fixings.

The cladding system must withstand a design wind load of 3.5kPa @600mm ctc fixings.

The cladding must be compliant with requirements of C1.9(c) of Part C: Fire resistance and stability of the NCC2019 (Vol 1) and been tested to AS1530.1 and AS1530.3.
All exposed surface of the cladding system to be in _____ finish.

5. VTAK™

Supply and install OLAM® Clad VTAK solid aluminium non-combustible cladding suite. OLAM® Clad VTAK profile pitch to be 200mm complete with vapour barrier (if external application), top hats (galvanised) and proper fixings.

The cladding system must withstand a design wind load of 3.5kPa @600mm ctc fixings.

The cladding must be compliant with requirements of C1.9(c) of Part C: Fire resistance and stability of the NCC2019 (Vol 1) and been tested to AS1530.1 and AS1530.3.

All exposed surface of the cladding system to be in _____ finish.

6. PANZ™

DESIGN FEATURES & CRITERIA:

Cladding shall be based on a watertight cassette panel system (OLAM® Clad - PANZ) and indicated on architectural drawings.

Concealed fixings shall be used. Joints between panels to be nominal 8-10mm silicone sealed to form a watertight seal in accordance with sealant manufacturer's recommendation. Cell foam backing rod may be used as infill between joints prior to applying sealant.

- Design Wind Loading:

_____ kPa

- Deflection

Deflection of any aluminium members not to exceed L/100mm

- Expansion and Contraction

The cladding system fabricated and installed must accommodate thermal expansion and contraction caused due to climatic conditions.

MATERIAL & FINISHES:

Cladding Material: All cladding shall be OLAM® Clad solid aluminium material.

Finish: All exposed external surfaces shall be _____

MANUFACTURE & SITE INSTALLATION:

All cladding panels shall be fabricated and assembled in factory under controlled supervision in accordance with manufacturers recommendation. No site fabrication is allowed. Nominal distance between rivets to be less than 500mm.

Stiffeners for reinforcement may be necessitated based on structural requirement. Stiffeners for reinforcement of panels to be mechanically fastened by means of extruded aluminium profile. OLAM® Clad does not permit use of glue or double side tape to fasten stiffeners for reinforcement to panels.

Factory applied protective peel off membrane should not be removed prior to installation.

The panels shall be stored in vertical position with protection to protect from scratches and dents.

Tolerance of the width of joints between two panels should not exceed 2mm. Any panel or cladding component that is damaged or requires alteration to be returned to factory for rectification.