Archimax Aluminium Cladding System

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1 Specification Details

Trade Sections: Carpentry, Aluminium Joinery
Description: External cladding system
Keywords: Carpentry, cladding, decorative cladding, external cladding, aluminum cladding, aluminum board, external lining, cavity lining.

2 Clauses

2.1 Scope

Help Note:
Designer Note:

Refer to BRANZ Appraisal 1173.

This specification covers 'Archimax' - Aluminium Cladding system which is installed either horizontally or vertically in an external location.

For support on any aspects of the specification, contact Archimax on 09 299 9999.

2.1.1 Scope:

Supply & install Archimax Aluminium Cladding System, as specified herein, to the locations and details shown on the design drawings, complete with all necessary components and accessories required for proper installation and performance. All aspects of this work shall comply with the NZ Building Code, related Archimax Cladding System technical literature and publications (check http://archimax.co.nz or email info@archimax.co.nz, or call 09 299 9999 for the latest editions), and other relevant product manufacturers' recommendations.

No substitutions are permitted for Archimax Aluminium Cladding System.

For the purpose of this specification, the 'Cladding System' is referred to as 'Archimax Aluminium Cladding System' and all 'Archimax' associated technical literature and publications, including the Product Technical Statement, installation instructions and drawings, are collectively referred to as the 'technical literature'.

Archimax Aluminium Cladding System is designed for residential and commercial buildings as an external cladding system. The system incorporates a vermin proof cavity system, mounting clips and interlocking powder coated aluminium cladding boards.

Extent of work:

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The following is a list and/or general description of the extent of the Archimax Aluminium Cladding System works, which are more specifically defined in the contract documents, required for the completion of the contract works:

2.2 Archimax Aluminium Cladding System

Help Note:
Designer Note:

Exposure zones:

Product and product finish should be specified based on NZS3604:2011 durability zones & reference to the Environmental Category in which the project is situated:

NZS3604:2011 Exposure zones (refer to maps):

- Zone B- Inland areas with little risk from wind blown sea-spray salt deposits.
- Zone C- Inland Coastal areas with medium risk from wind blown sea-spray salt deposits.
- Zone D - Coastal areas with high risk of wind blown sea-spray salt deposits. Defined as within 500 metres of the sea including harbours, or 100 metres from tidal estuaries and sheltered inlets. Includes nominated off shore islands.

Microclimates (refer NZS3604:2011) paragraph 4.2.4 are outside the BRANZ appraisal and require specific design.

Wind Zones:

Product and product finish should be specified based on:

- NZBC – E2/AS1, paragraph 1.1 for building height & floor plan area.
- For buildings situated in wind Zones up to and including Extra high on either:

Timber Frame in accordance with NZS 3604:2011 with a risk score of 0-20 calculated in accordance with NZBC Acceptable Solution E2/AS1 Table 2.
Steel Frame in accordance with NASH Building Envelope Solutions, Paragraph 1.1 for steel framed buildings with a risk score of 0-20 in accordance with NASH building envelope solutions requirements.

- Or

- Any timber or steel framed building that is subject to Specific Engineering design (SED) by a qualified engineer up to ULS design wind pressures of +2.5 KPA.

Refer to 'Archimax' for further technical assistance.

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