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Cladding & PreCladding 4
Steel & Tube QBT450™ Profiled Metal Cladding 4

SMARTSPEC

1 CLADDING & PRECLADDING

1.1 Preliminary

Refer to General Conditions of Contract and the Special Conditions in this Specification as appropriate. Read this section in conjunction with all other trade sections.

1.2 Compliance

Comply with the New Zealand Building Code 1992 including all revisions and amendments, Verification Methods where appropriate, and construction principles that are embodied in the Acceptable Solutions.

Comply with all relevant provisions and recommendations of:

1170.2:2011(AS/NZS)	Structural design actions - Wind actions
2295:2006(NZS)	Pliable, permeable building underlays
3604:2011(NZS)	Timber-framed buildings
4200.1:2017(AS|NZS)	Pliable building membranes and underlays - Part 1: Materials
4200.2:1994(AS/NZS)	Pliable building membranes and underlays - Installation requirements
NZMRM Code of Practice	NZ Metal Roof and Wall Cladding Code of Practice - Version 3.0

1.3 Steel & Tube QBT450™ Profiled Metal Cladding

1.3.1 Scope

Supply and install the selected Profiled Metal Cladding from Steel & Tube to the walls identified on the drawings complete with all accessories. All aspects of this work shall be in complete accordance with Steel & Tube guides and technical manuals, (check www.steelandtube.co.nz, or call 0800 333 247 for the latest editions), other relevant product manufacturers' recommendations, and as shown on the drawings.

No substitutions are permitted for Steel & Tube Profiled Metal Cladding.

Design and use the fixings appropriate for the wind zone and topographical classification of this site and building height. Allow for specific loadings at corners and where localised pressure factors apply.

Install cladding material and associated flashings and accessories to form a weathertight and durable system.

1.3.2 Co-operation

Co-operate with other trades to ensure that all preliminary and preparatory works, including membranes, wraps, rigid air barriers and trims, and any other related works are completed to specification and as shown on the drawings.

Coordinate with other trades to ensure that the metal wall cladding installation correctly allows for door and window installation, and that all required services penetrations are correctly handled to maintain full weathertightness, and to install profiled metal cladding as required.

1.3.3 Workmanship

Where required by the NZ Building Act 2004 it is the building contractor's responsibility to ensure that all restricted building work is carried out by a Licensed Building Practitioner or supervised by an Licensed Building Practitioner.

Cladding Installers shall be experienced and competent, familiar with the products being used, and preferably a member of RANZ with appropriate qualifications such as the National Certificate in Metal Roofing and Cladding. All work shall be such as to leave a neat, efficient, robust and weathertight installation.

Install and fix in accordance with the NZMRM CoP and NZBC E2/AS1 requirements where applicable and to Steel & Tube's requirements.
Always maintain isolation of dissimilar materials in accordance with the NZMRM Code of Practice and NZBC E2/AS1. Isolate dissimilar materials (metal and nonmetal) in close proximity as necessary by painting the surfaces or fitting separator strips. Place isolators between metals and treated timber or cement-based materials. Do not use unpainted lead-sheet or copper materials to come in contact with, or allow water run-off from these onto, galvanised or Zincalume® materials.

1.3.4 Delivery & Handling

Store profiled metal cladding, flashings and accessories undercover, clear of level ground, on bearers at evenly spaced centres as recommended by the roofing manufacturer. Keep stored materials and accessories dry and protected from damage and contamination at all times.

Handle materials in accordance with the manufacturer's requirements and in a manner that prevents damage to or deterioration of the material, including surface marking. Do not used damaged or defective materials or products, or products that are beyond their designated shelf life.

Installers shall be familiar with and comply with the manufacturer's safe handling requirements and precautions for use, and shall use appropriate safety gear when handling materials.

Installers shall conform with all relevant WorkSafe NZ Guidelines and Codes of Practice - including the OSH Guidelines For the Provision of Facilities and General Safety in the Construction Industry.

1.3.5 Completion

Check that the profiled metal wall cladding and associated components and flashings have been installed and finished correctly.

Check for defective work, damage and surface marking - replace and/or repair as necessary to the required standard in accordance with Steel & Tube recommendations.