Altus Thermally Broken Windows & Doors

TABLE OF CONTENTS

Specification Details 2
Clauses 2
- Scope 2
- Requirements 3
- Quality 3
- Installation Type 3
- Interior Finish 4
- Reveal 4
- Glass Platform 5
- Glass Type 5
- Glass Coat 6
- Glass Finish 7
- Corrosion Zone 7
- Finish 8
- Colour 9
- Hardware 12
- Safety Features 18
- Maintenance Warranty 18
- Components 19
- Delivery and Storage 19
- Fixings 20
- Check 20
- Flashing 20
- Completion 21

Compliances 21

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1 Specification Details

Trade Sections: Aluminium Joinery
Description: Altus, Thermally Broken Window & Doors for Fisher Nebulite, Rylock, Vistalite, Brahnams and Nulook
Keywords: Fisher, Nebulite, Rylock, Brahnams & Nulook. AllSeasons™, Pacific Thermal™, Alti Composite™

2 Clauses

2.1 Scope

Help Note:
For technical enquiries contact altus on 0800397263 or head to the website www.altuswindows.co.nz

For technical information on products to attach to this project, please visit productspec.co.nz/en/supplier/altus.

2.1.1 Pacific Thermal™

Pacific Thermal™
This specification relates to the manufacture, supply, and installation by an accredited fabricator of Pacific Thermal™ Suite aluminium windows, doors and frames.
Wind zone: Extra High
Unit height, Slider & Stacker: 2.6m max.
Unit height, Bifold & Foldback Bifold: 2.2m max.
Double glazed unit: 34mm
Triple glazed unit: 46mm

2.1.2 Alti Composite™

Alti Composite™
This specification relates to the manufacture, supply, and installation by an accredited fabricator of Alti Composite™ Suite aluminium windows, doors and frames.
System with internal timber veneer to aluminium frames.
Wind zone: Very High
Unit height: 2.4m max.
Glazed unit range: 26mm.

2.1.3 AllSeasons™

AllSeasons™
This specification relates to the manufacture, supply, and installation by an accredited fabricator of AllSeasons™ Suite aluminium windows, doors and frames.
Wind zone: Extra High
Unit height: 2.6m max. (Consider thermal bowing for doors)

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Glazed unit range: 28mm
Flat and square front face.

2.2 Requirements

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2.2.1 Samples

Sample of profiles to be used are required.

2.2.2 Shop Drawings

Shop drawings of profiles to be used detailing installation to building details, show waterproofing.
Fix to comply with the reviewed shop drawings and installation details including flashings and bedding compounds, pointing sealants and weathering sealants.
Ensure that flashings are fully detailed, preferably as 3-dimensional diagrams, to ensure that they are fabricated and installed in a manner that will avoid the ingress of moisture.

2.2.3 Substitutions

Substitutions are NOT permitted.

2.2.4 Thermal Evaluation

Thermal performance (NZBC H1/AS1) will be as required to meet the Designer's Thermal Evaluation.

2.3 Quality

2.3.1 Workshop Environment

These windows will be manufactured in workshops containing all mechanical equipment appropriate for the work, and by experienced and competent tradesmen who are familiar with the techniques and materials specified.

2.3.2 Co-ordination

The manufacturer will co-ordinate with other trades to establish the exact sizes for all frames before fabrication. Frames and sashes will be fabricated true, square, rigid, and 'out of wind', with all joints strongly mechanically fixed, and with mitres tight and fully sealed. Potential thermal, wind and seismic movements will be accommodated within the construction. All cavities will drain to the exterior, and all drilling swarf etc. will be removed during fabrication.

2.4 Installation Type

2.4.1 Direct Fix

Install to WANZ Installation System details and drawings including WANZ support angles.
SILL PAN FLASHING
Flashing for direct fix claddings to collect and drain water that may penetrate through the cladding to joinery installation detail. Size to extend from the inner most point of the aluminium frame out over

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