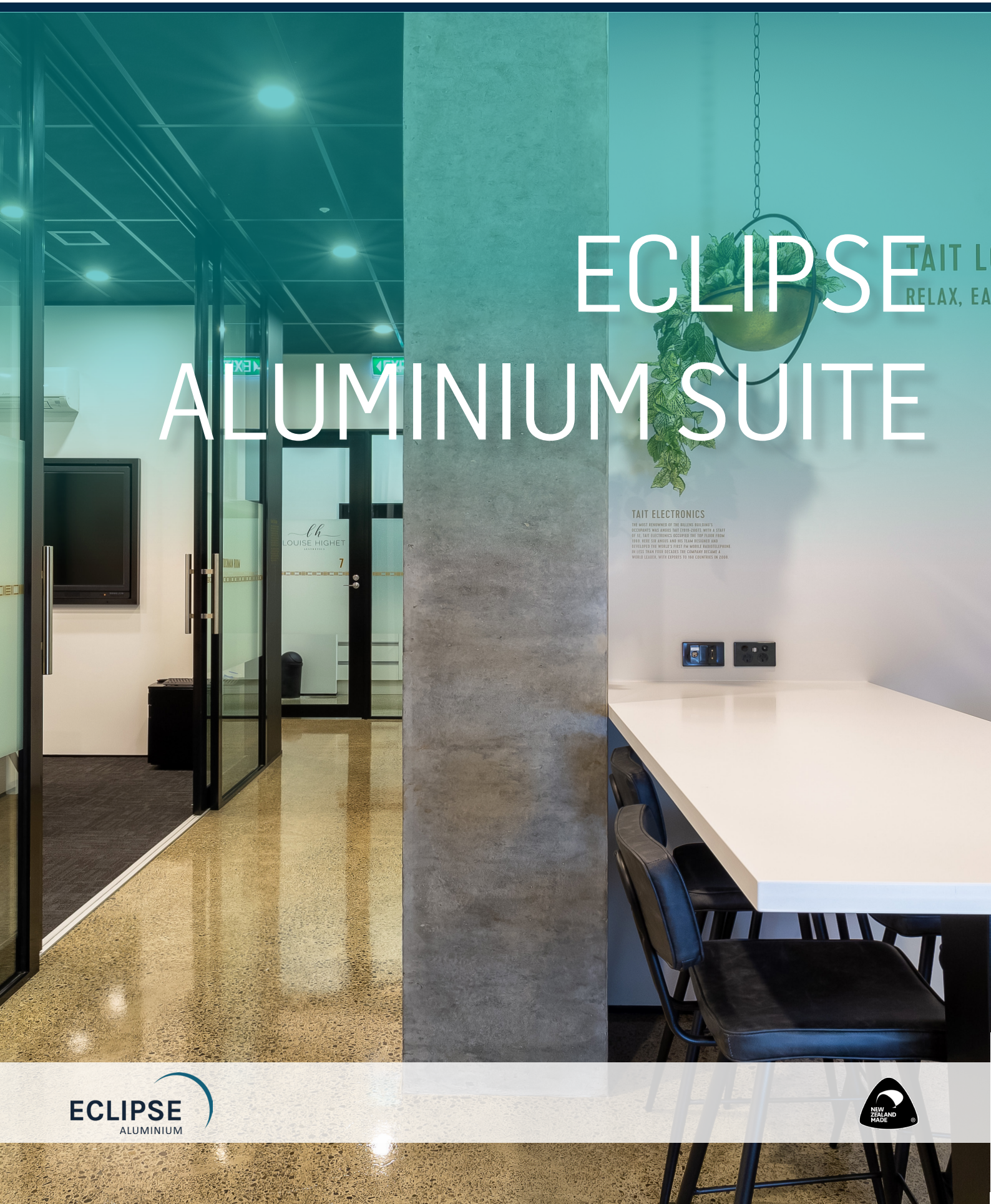
INT&RIOR SYSTEMS

Guiding Design · Informed Interiors



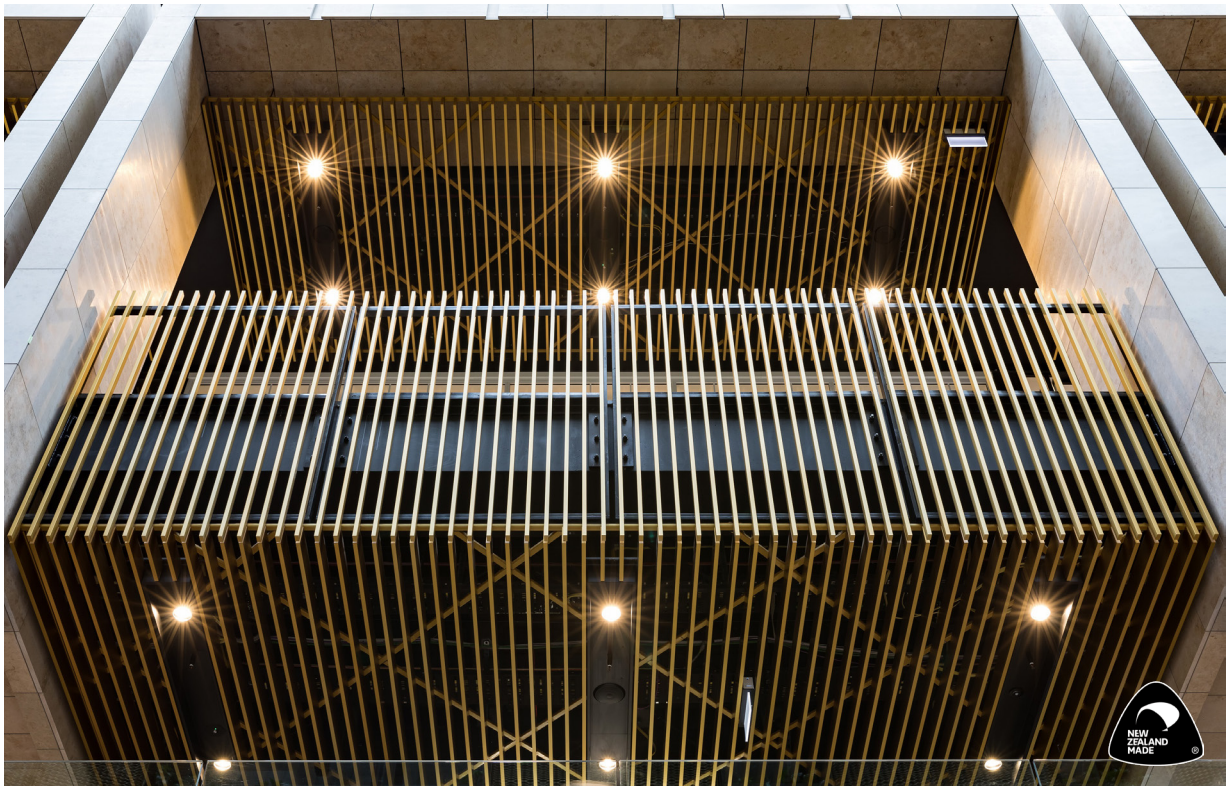
ECLIPSE ALUMINIUM SUITE

ECLIPSE ALUMINIUM

NEW ZEALAND MADE

CONTENTS

Overview	**3**
VertiBrace	**6**
Acoustic Door	**8**
Smoke Stop Door	**9**
Standard, Metwood and Antimicrobial Colours	**10**
Eclipse 45mm Suite	**13**
Eclipse 64mm Suite	**27**
Eclipse 92mm Suite	**45**
Eclipse Door Suite	**59**
Eclipse Aluminium Accessories	**73**
Eclipse Aluminium Baffle	**78**



The Eclipse Aluminium Suite is a quality, user-friendly group of flexible aluminium sections and extrusions. The complete system caters for nearly any variable in an interior office fit-out.

This versatile suite has been designed to work with 64mm and 92mm stud sizes respectively and can be clad with 13mm plasterboard and a variety of layers. A separate 45mm suite can be added as a slim-line extension to the 64mm and 92mm sections or can be installed separately as a minimalistic and cost effective alternative.

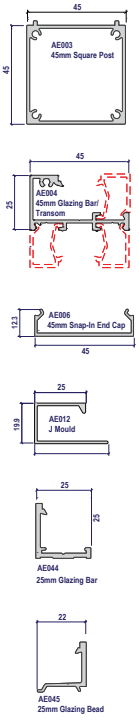
The suite is available in a range of colours and finishes; 500+ powdercoat colours, anodised finishes, many MetWood timber grains, and bespoke textures available upon request. A silver ion antimicrobial coating can be applied as part of the powdercoating process when used in hygiene and medical spaces, and this specialised coating is available in 4 colours.

The glazing pockets of the Eclipse Aluminium Suite (including sliding, hinged or bifold door profiles) can accept glass up to 12.38mm thick. This is very advantageous and allows the integration of high spec E glass and laminate options into the suite.

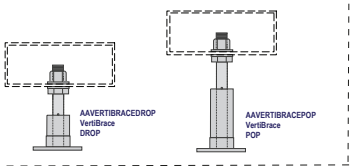
The suite is the only acoustically tested suite in New Zealand. The STC performance for the double glazing has been physically proven. The testing was conducted at the University of Canterbury School of Engineering and Canterbury Acoustic Testing Services.

The suite has great adaptability to meet most functionality and aesthetic purposes. Furthermore, since the product is manufactured in New Zealand, bespoke options are readily available.

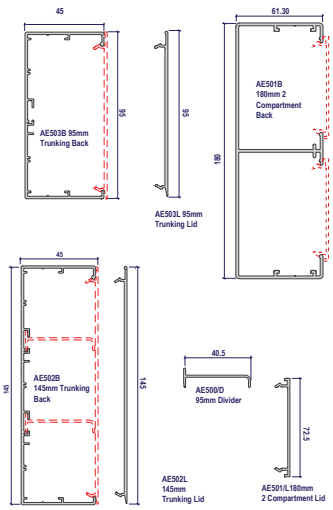
45mm Suite



VertiBrace

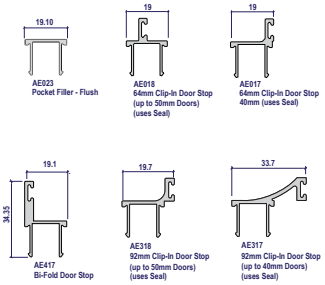


Trunking

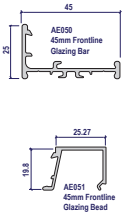


Glazing Bead

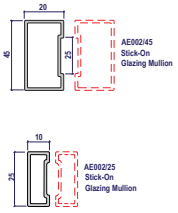
Pocket Fillers



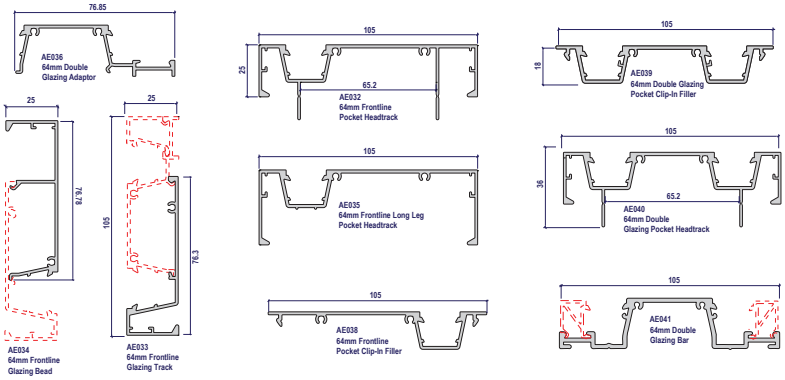
45mm Frontline



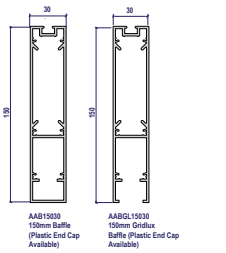
Stick-on Glazing Mullions

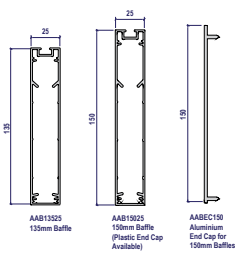


64mm Frontline & Double Glazing

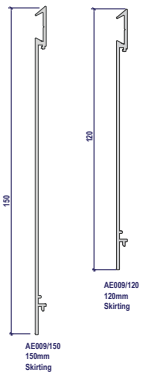


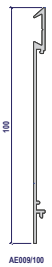
Baffle



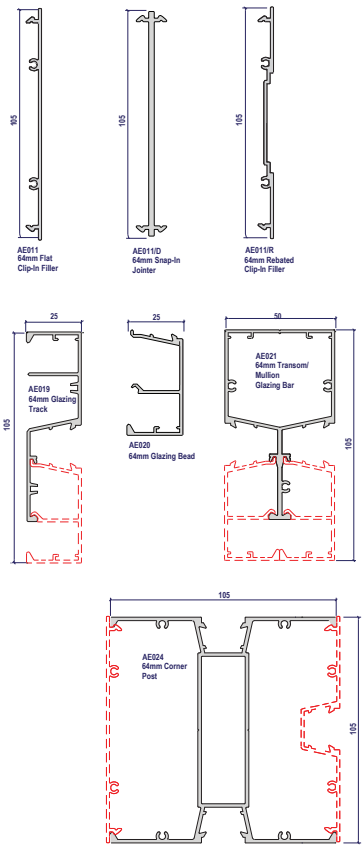


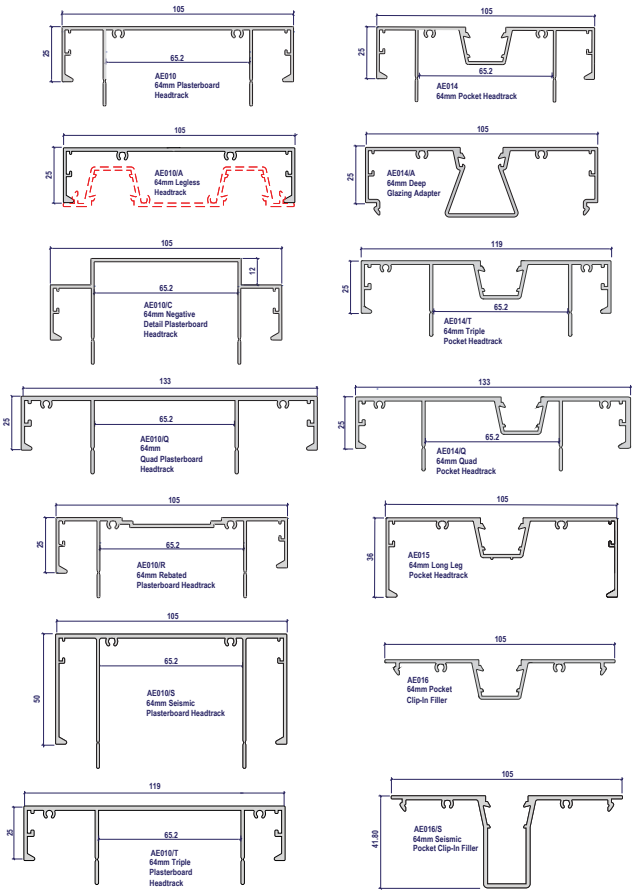
Skirting





64mm Suite





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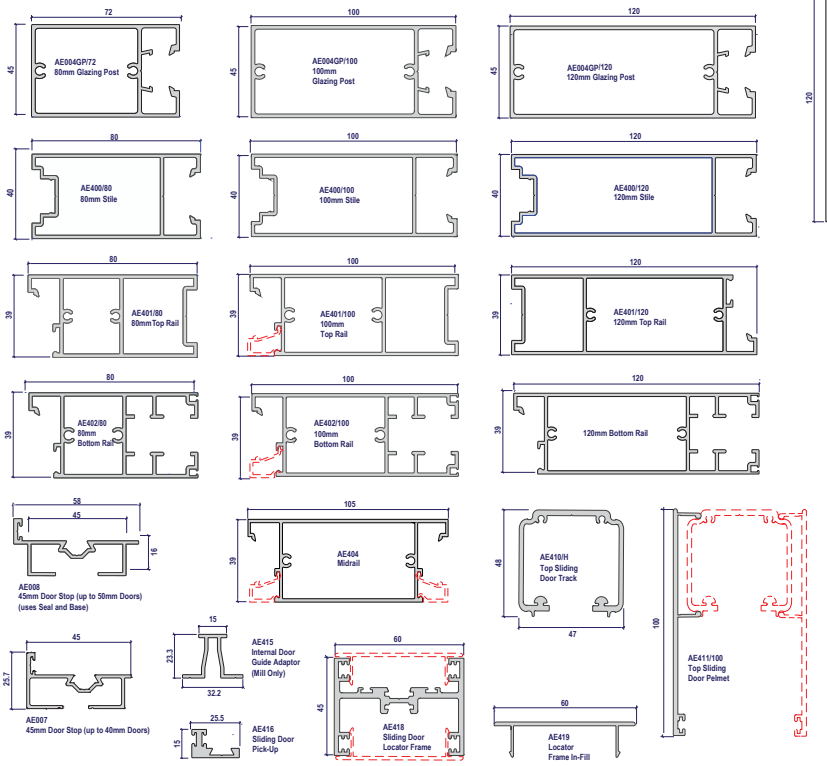
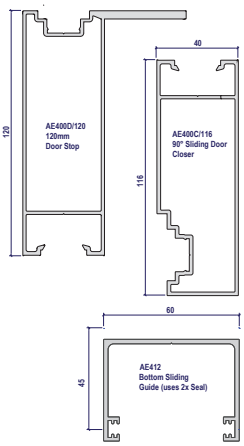
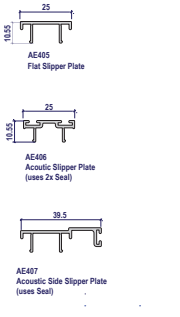
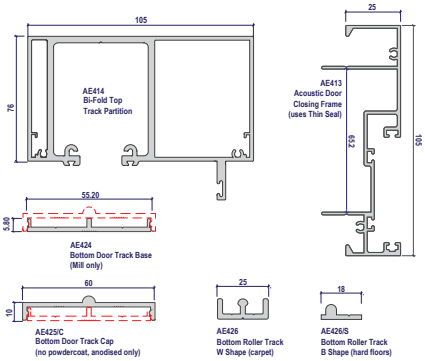
Door Suite



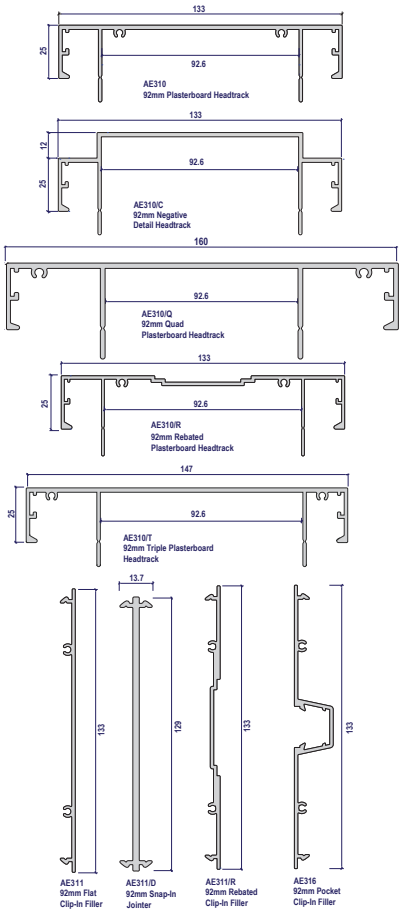


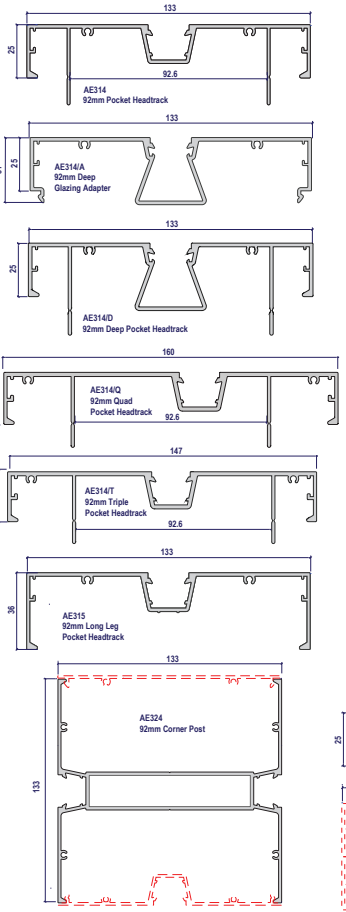
Slipper Plates



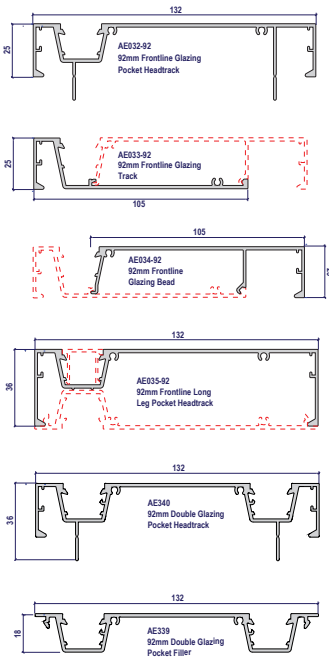


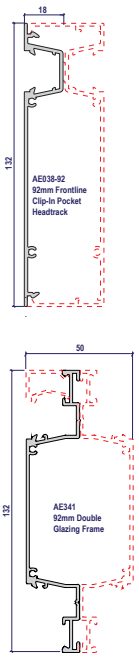
92mm Suite

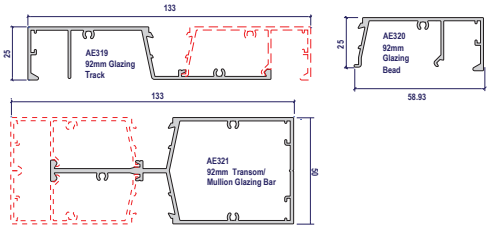




92mm Frontline & Double Glazing







NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

VertiBrace®

A new standard in partition restraint

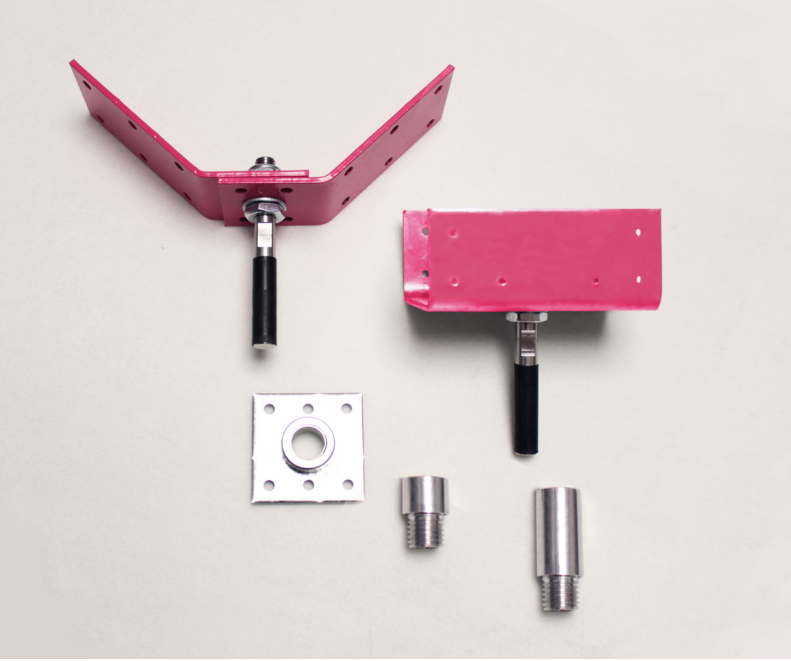
All buildings are affected by vertical movement. This movement can be caused by wind and seismic events as well as live/dead loads imposed on the floor above. In large or multi-level buildings this movement can be substantial. When not considered, vertical movement can cause irreversible damage to partition walls and may endanger occupants in the event of a natural disaster.

VertiBrace provides lateral bracing for ceiling height partition walls and removes the need for deflection headtrack. It prevents many of the issues seen during the Christchurch, Kaikoura and Seddon Earthquakes, helping to ensure occupant safety and limit non-structural partition damage.

The VertiBrace utilises a sliding connection that separates the partition wall from the structure above meaning that any vertical deflection doesn't damage the partition system. When installed, the VertiBrace will allow for +/- 25mm deflection, 50mm total. A taller version is available to accommodate 70mm worth of movement (+/- 35mm).

The VertiBrace cylinder is fitted with an acoustic sleeve which prevents noise as the connection slides. An additional benefit is that this greatly reduces footfall vibrations transferring down through partition walls.

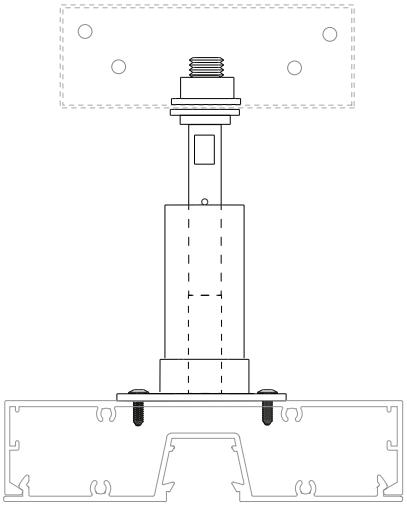
VertiBrace can be fitted to timber, aluminium, and steel headtracks and can be retro-fitted to most existing partitions.



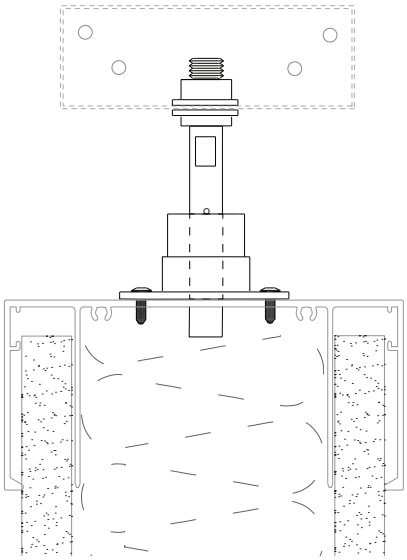
Free plan markup service available

VertiBrace®

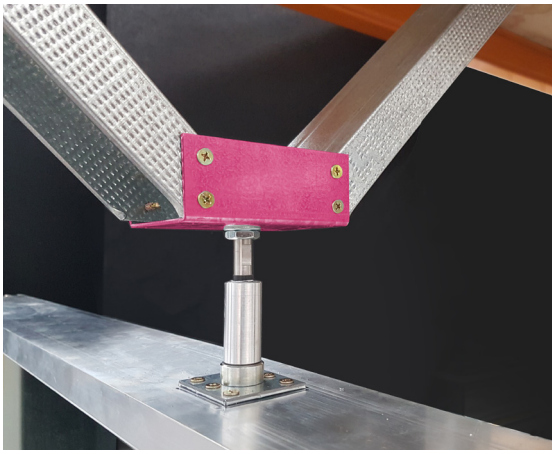
A new standard in partition restraint

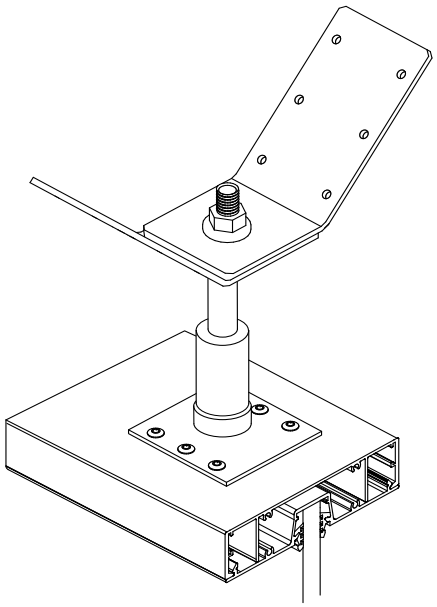


VertiBrace Pop



VertiBrace Drop





Eclipse Aluminium partition walls and glazing lines should be braced with VertiBrace for seismic compliance.

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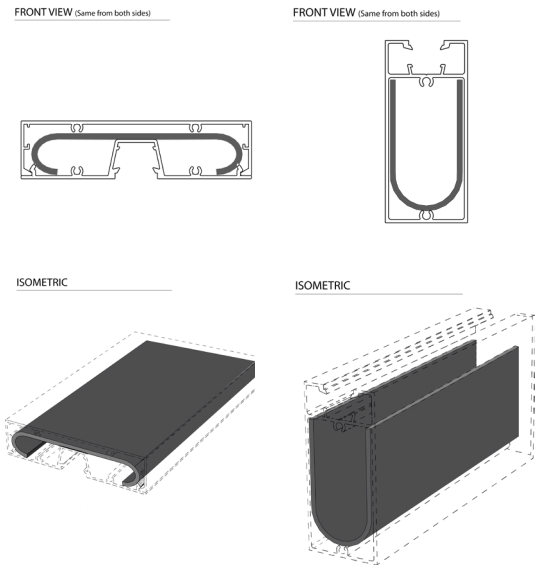
ECLIPSE ACOUSTIC DOOR

Aluminium doors often lose attenuation performance through the aluminium, compromising the performance of the glazing and resulting in less than optimal acoustic separation.

The Eclipse Aluminium extrusions used for Acoustic Aluminium doors are filled with a Flexible Acoustic Barrier.

This barrier is made of non-vulcanised rubber and is thin and highly flexible, creating a powerful acoustic barrier that's dense and tear resistant. This adds mass to the systems as well as dampening acoustic vibration. This greatly improves the attenuation performance of the aluminium and thereby the overall system. When used with acoustic seals to create an airtight barrier, Eclipse Acoustic doors greatly increase the privacy performance across the system.

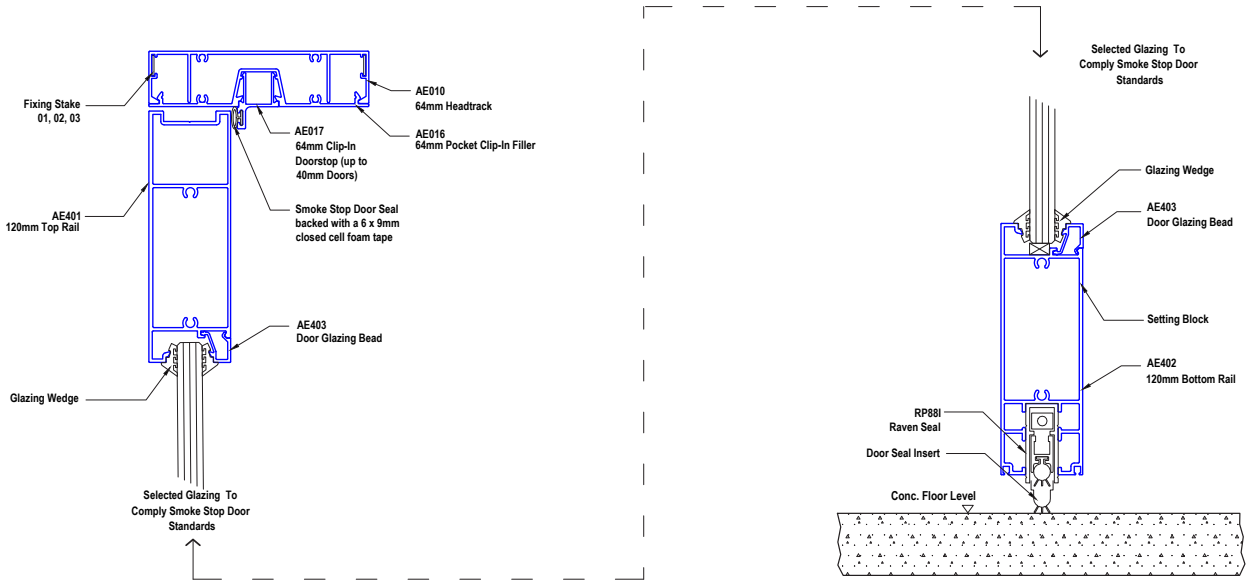


ECLIPSE SMOKE STOP DOOR

Our Eclipse Smoke Stop Door offers protection from the spread of smoke.

The door system has been tested AS/NZS 1530.7:1998 Methods for fire tests on building materials, components and structures - Smoke control door and shutter assemblies - Ambient and medium temperature leakage test procedure. This sets out test procedures for a method for determining the smoke leakage through doors and shutters. This Standard is based on but not equivalent to ISO/CD 5925-1.

The Eclipse Smoke Stop Door complies with the requirements of the NZ Building Code (NZBC), set out in the Acceptable Solutions Appendix C, C6.1.2 and achieves a -/-/-SM rating.



D11 - 120
Eclipse Smoke Stop Door

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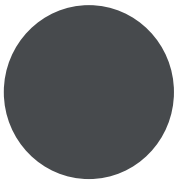
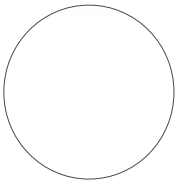
ANTIMICROBIAL COAT COLOURS

The Eclipse Aluminium Suite has an optional antimicrobial coating for hygene applications.


Grey

Black

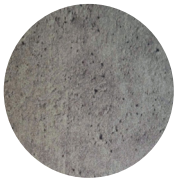

Appliance White

Pearl White

METWOOD COLOURS

Beech Wood

Black Bean


Concrete

Dark Riverwood

Honey Manuka

Kahikatea

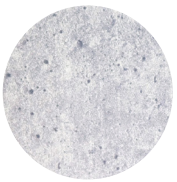
Oak Broom

Plywood

Tawa

Washed Riverwood

Washed Teak


White Concrete

Grey Marble

Darkest Gum

White Marble

STANDARD COLOURS

500+ powdercoat colours available upon request.

ANTIMICROBIAL POWDERCOAT

How is efficacy testing performed?

There are various efficacy testing methods used to evaluate the antimicrobial activity.

Interpon™ Antimicrobial Coatings are tested using the method ISO 22196:2007, which was modeled after JIS Z 2801, a Japanese norm that is currently most widely used. The test microorganism (Staphylococcus Aureus) is prepared, usually by growth in a liquid culture medium. The suspension of test microorganism is standardised by dilution in a nutritive broth (this affords microorganisms the potential to grow during the test).

Control and test surfaces are inoculated with microorganisms in triplicate, and then the microbial inoculum is covered with a thin, sterile film. Covering the inoculum spreads it, prevents it from evaporating, and ensures close contact with the antimicrobial surface.

Microbial concentrations are determined at "time zero" by elution followed by dilution and plating. A control is run to verify that the neutralisation/elution method effectively neutralises the antimicrobial agent in the antimicrobial surface being tested.

Inoculated, covered control and antimicrobial test surfaces are allowed to incubate undisturbed in a humid environment for 24 hours. After incubation, microbial concentrations are determined. Reduction of microorganisms relative to initial concentrations and the control surface is calculated.

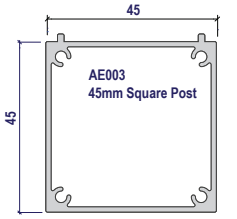
BACTERIA USED FOR THE TEST	COATING APPLIED	NUMBER OF LIVING BACTERIA		AAV	REDUCTION %
		At Start	After 24 Hrs		
Escherichia Coli NBRC 3972	Antimicrobial Polyester	$9x104^{4}$	$<1x10^{2}$	$>5.4^{2}$	>99.999
Staphylococcus Aureus NBRC 12732		$<1x10^{5}$	$<1x10^{2}$	>3.9	>99.999

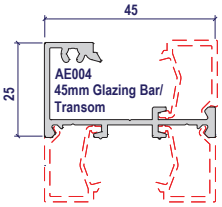
Eclipse 45mm Aluminium Suite

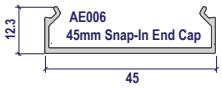
ECLIPSE 45MM

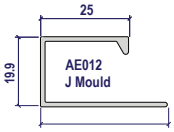
- Minimal aesthetic
- Clean lines
- Cost effective
- Easy to install
- Space saving
- Option of frontline glazing

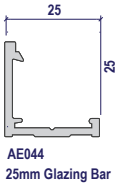
Finishing options:
Eclipse Aluminium Suite is available anodised or powdercoated, including MetWood timber finishes. Can accept glass up to 12.38mm.

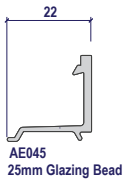




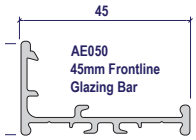




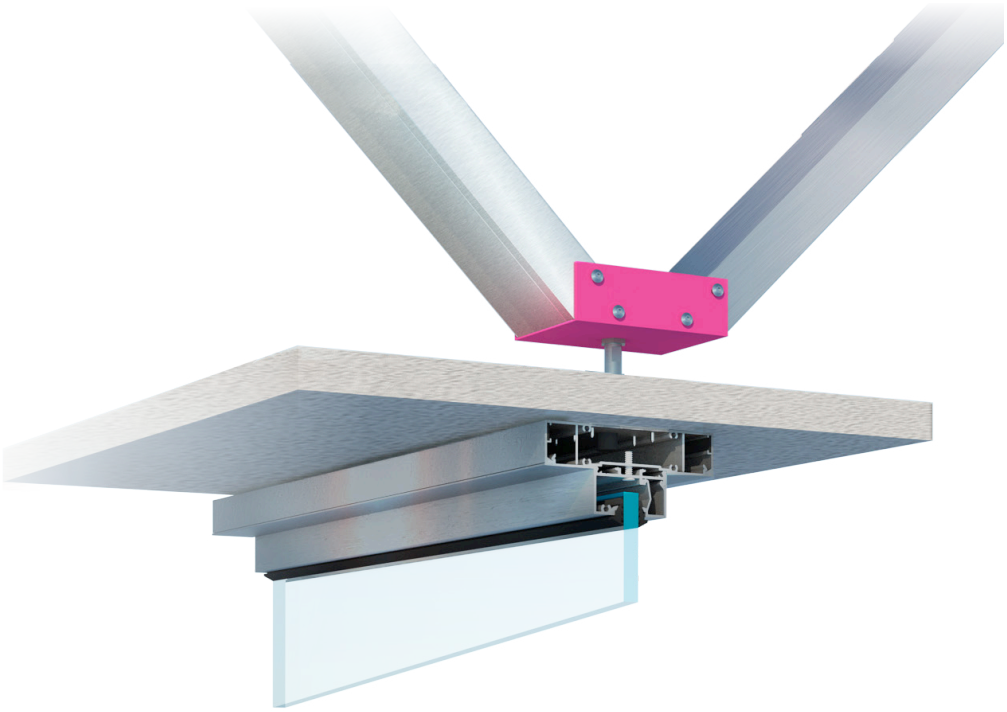


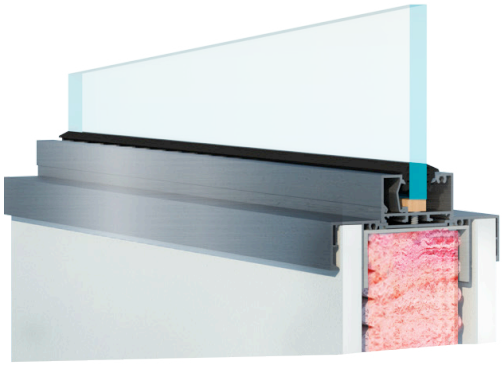


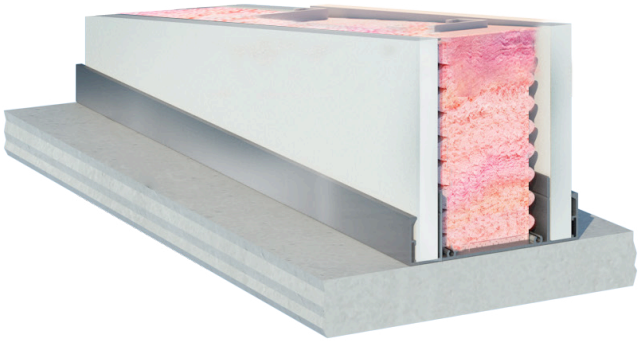
45mm Profiles



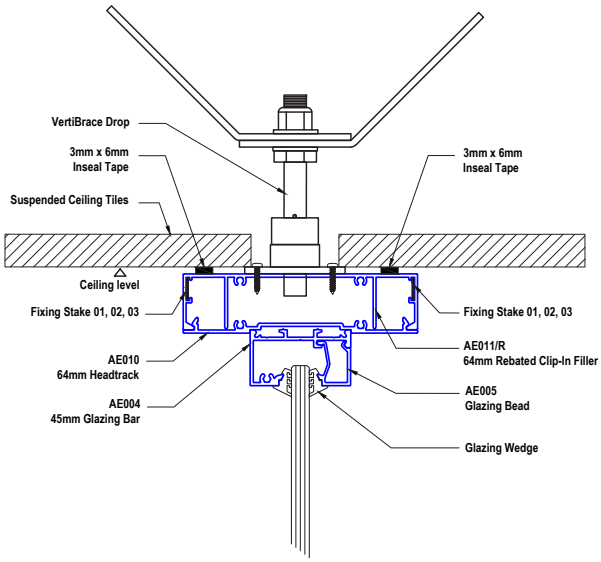
45mm Frontline Profiles

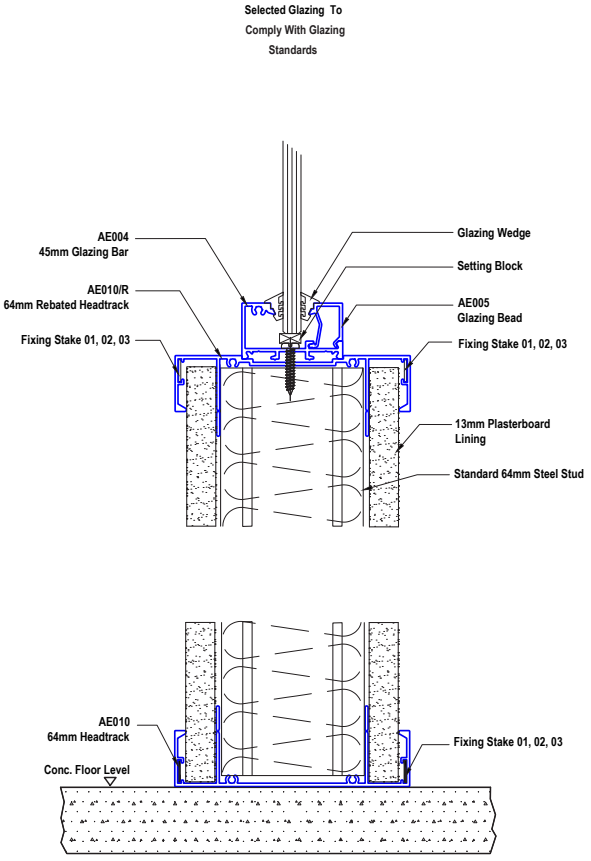






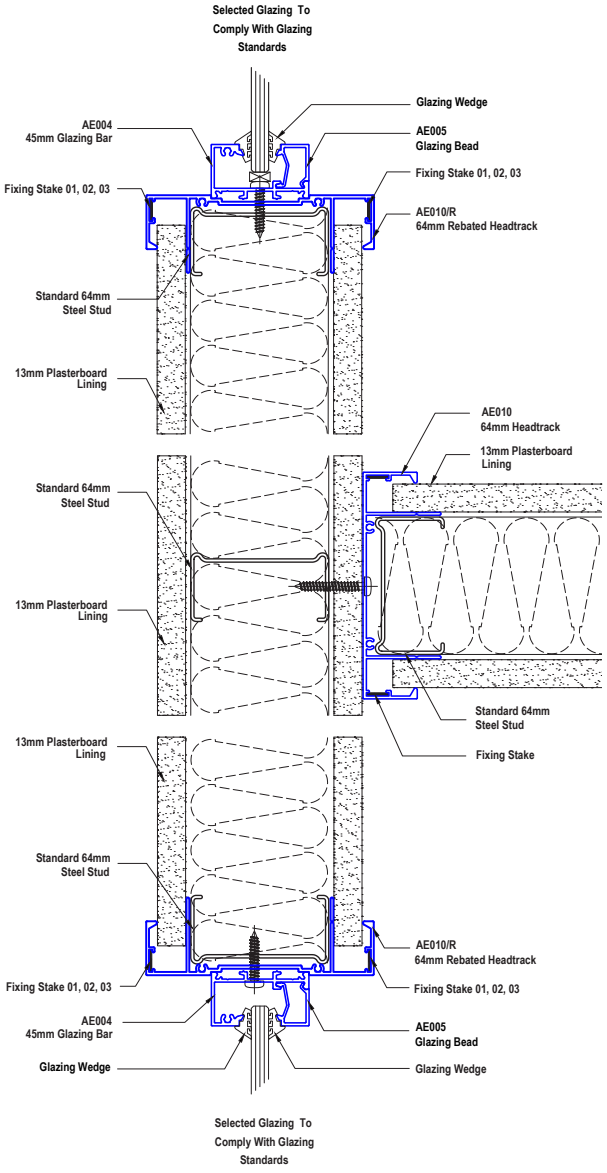
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ





E45 - 03

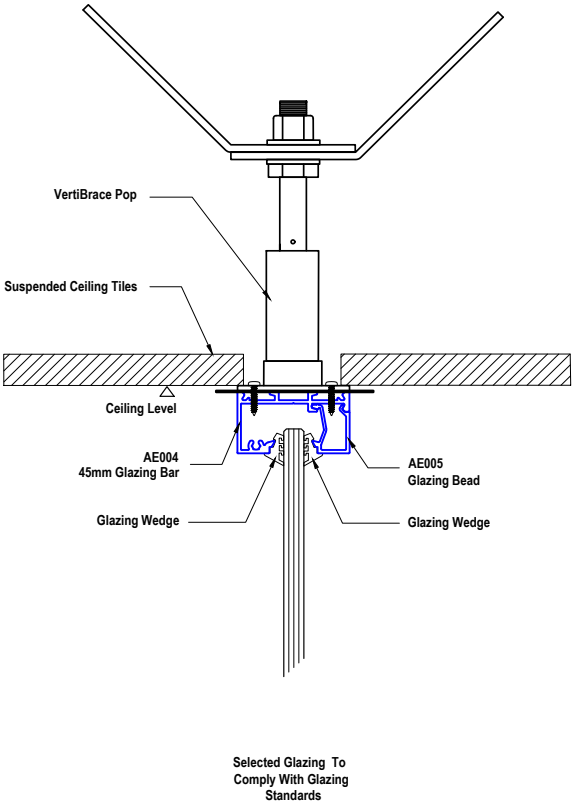
45mm Glazing and Plasterboard Section



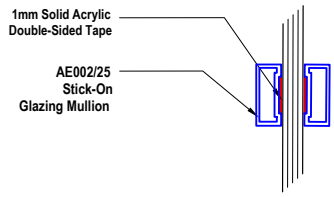
E45 - 04

Plasterboard to 45mm Glazing Plan

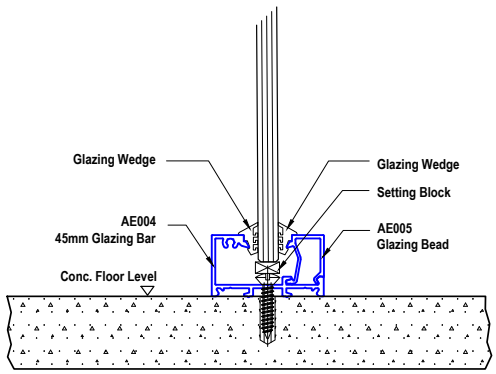
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



Selected Glazing To Comply With Glazing Standards

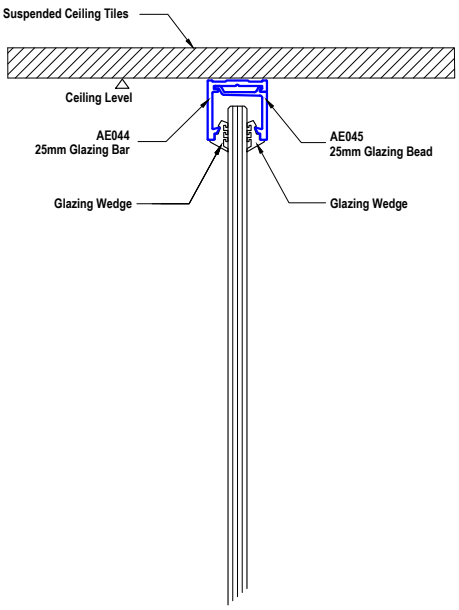


Selected Glazing To Comply With Glazing Standards

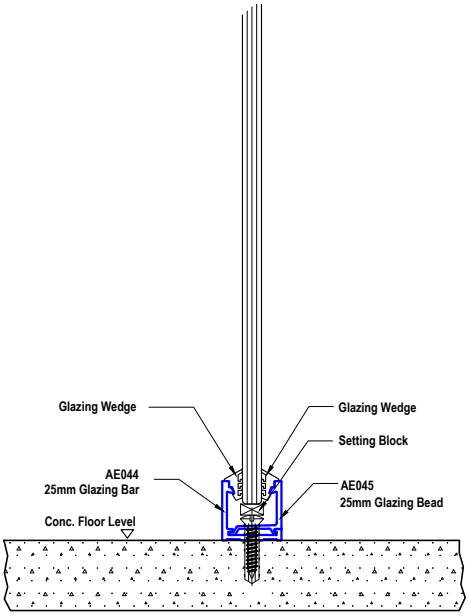


E45 - 05
45mm Glazing Section

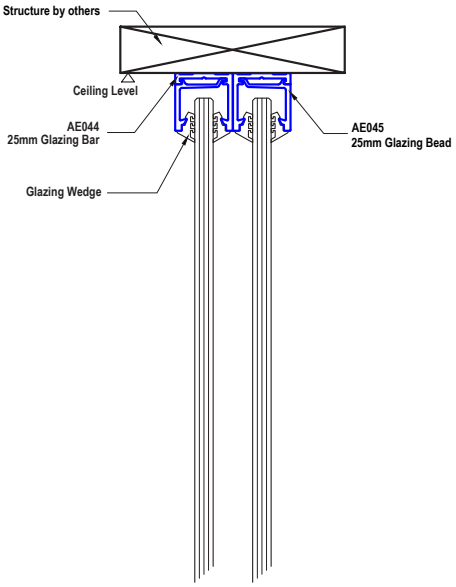
Side-lights only. Not recommended for glazing lines.



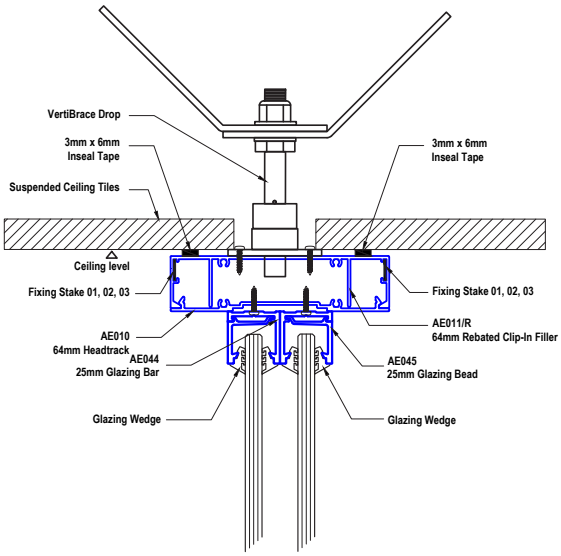
Selected Glazing To Comply With Glazing Standards



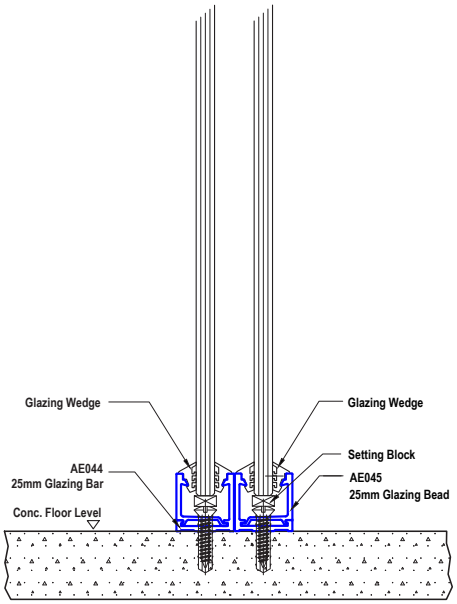
E45 - 06
45mm Glazing Section



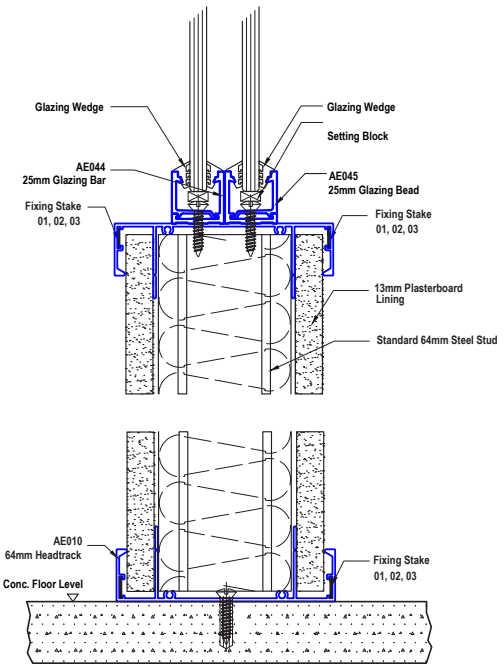
Selected Glazing To Comply With Glazing Standards



Selected Glazing To Comply With Glazing Standards



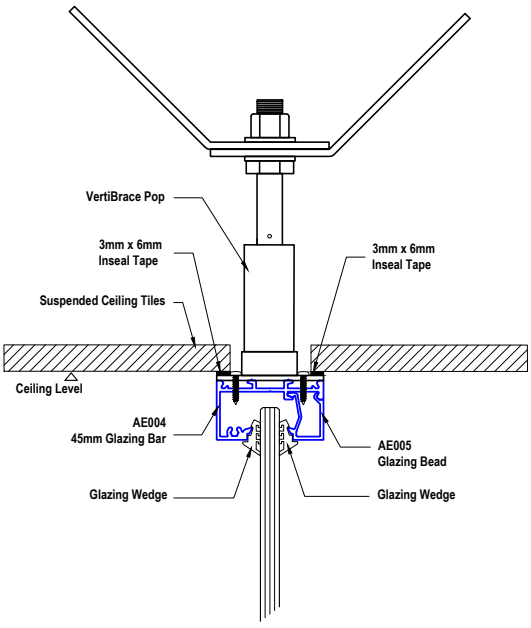
E45 - 06B
45mm Double Glazing Section

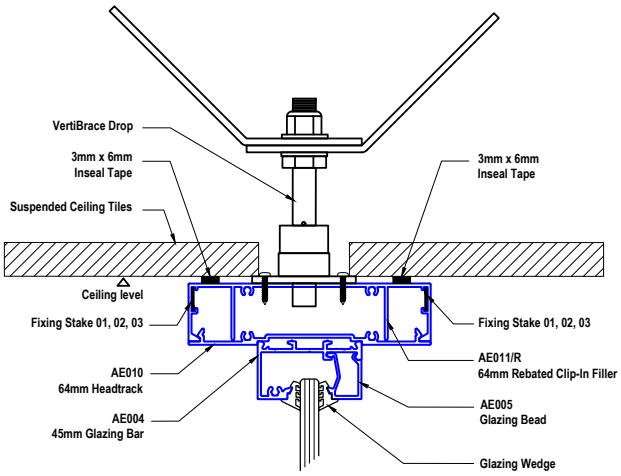


E45 - 06C
45mm Double Glazing with Plasterboard Section

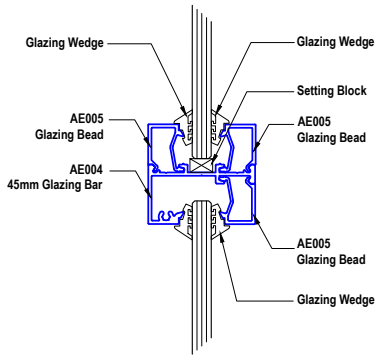
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

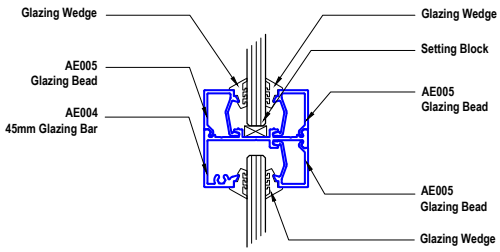
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



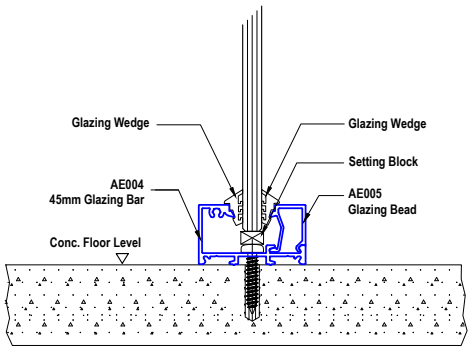


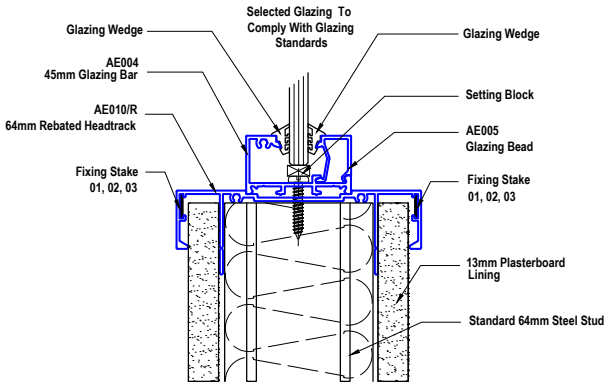
Selected Glazing To Comply With Glazing Standards

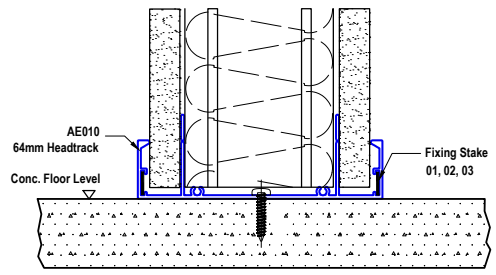




Selected Glazing To Comply With Glazing Standards





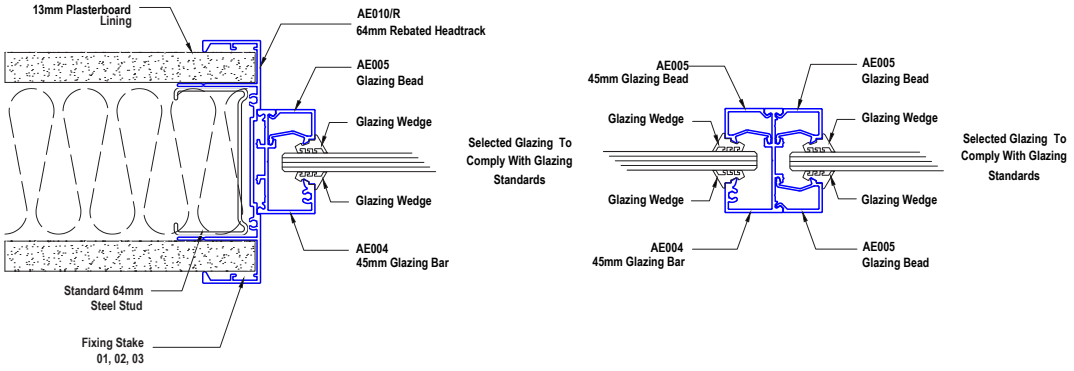


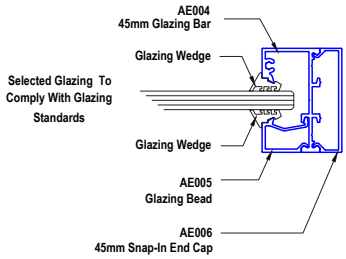
E45 - 07
45mm Glazing with Transom Section

E45 - 08
45mm Half Height Glazing with Transom Section

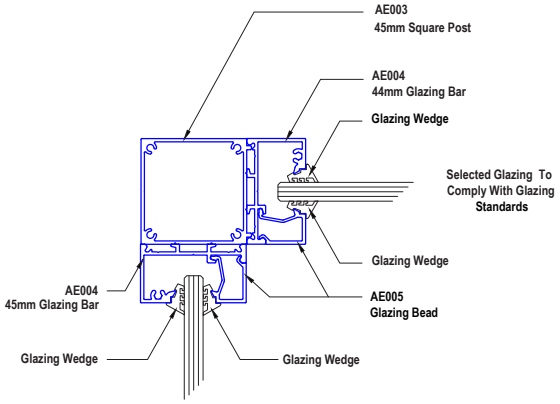
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ





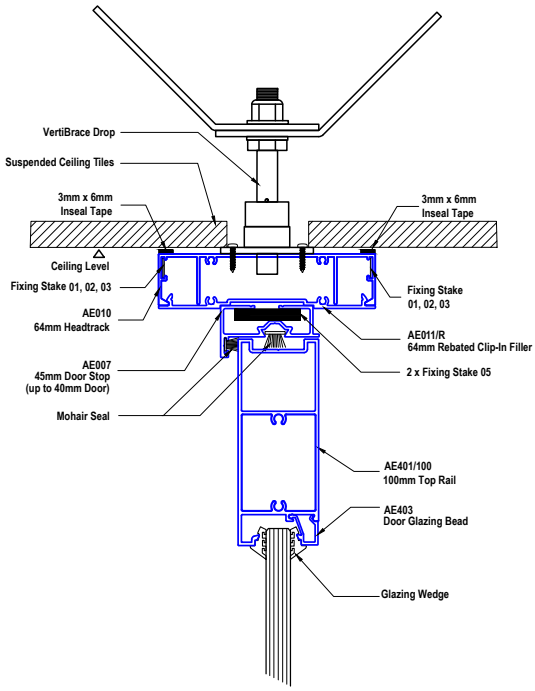
E45 - 10
45mm Glazing Mullion and Termination Plan



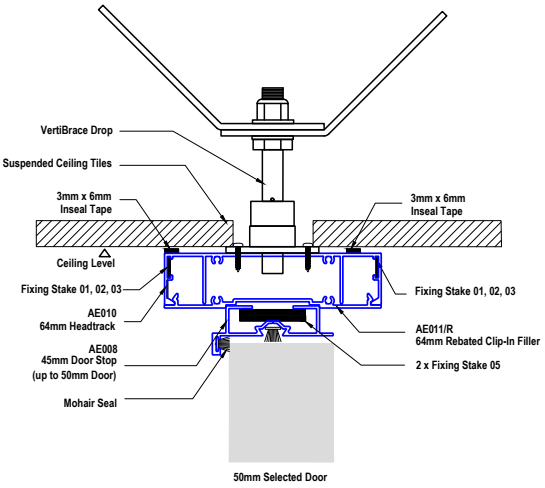
E45 - 11
45mm Glazing Corner Post Plan

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

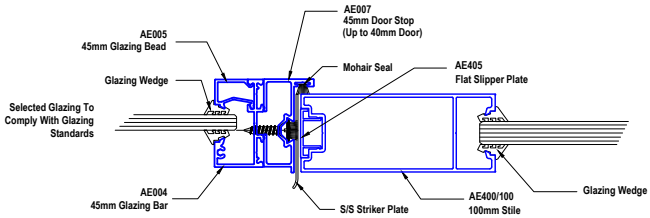
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

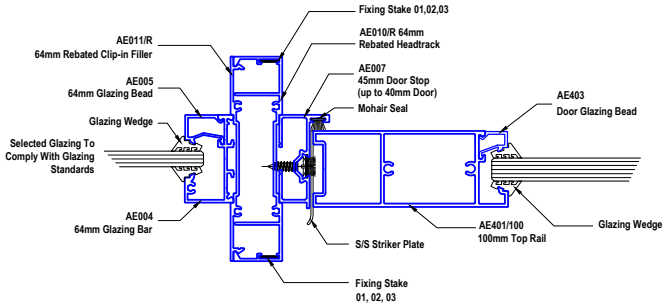


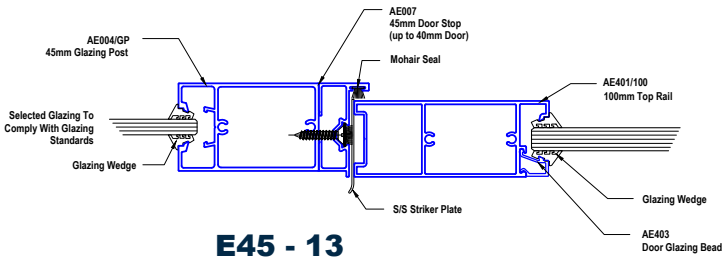
E45 - 12
45mm Door Head
Section - 40mm Door



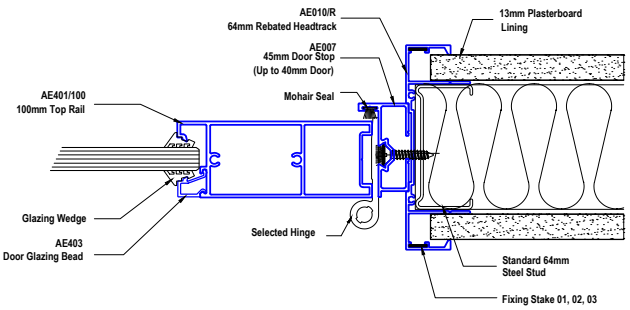
E45 - 12
45mm Door
Head Section - 50mm Door







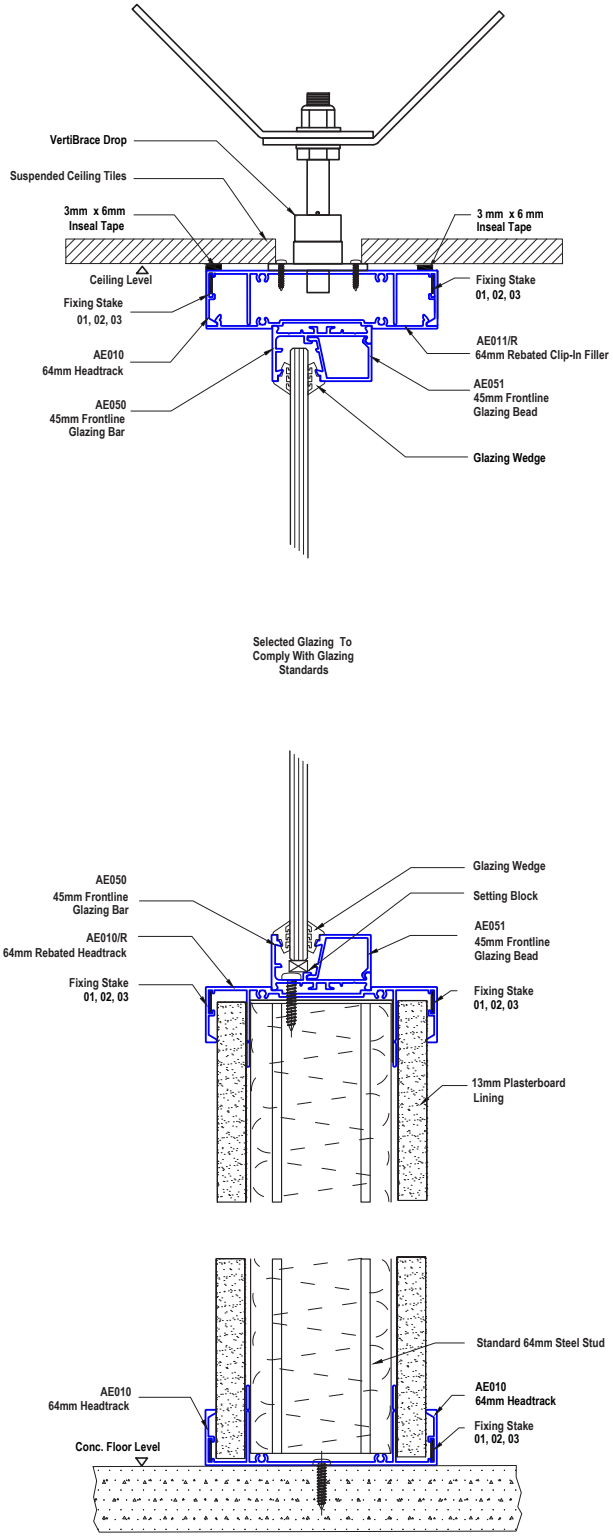
E45 - 13
40mm Door with
45mm Sidelight Plan



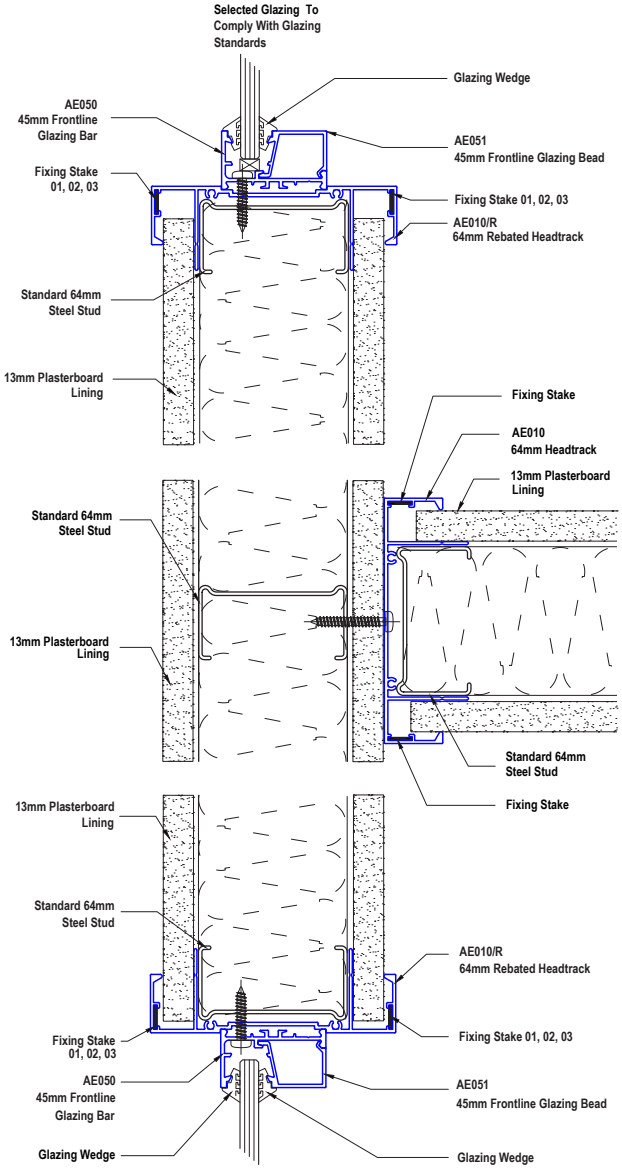
Please Note:
The door seal needs to be inserted before the 007 or 008 is screwed off.
Doors can be - Solid Core, Hollow Core, Aluminium or Timber dependent on design needs.
Aluminium only available in 40mm.

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



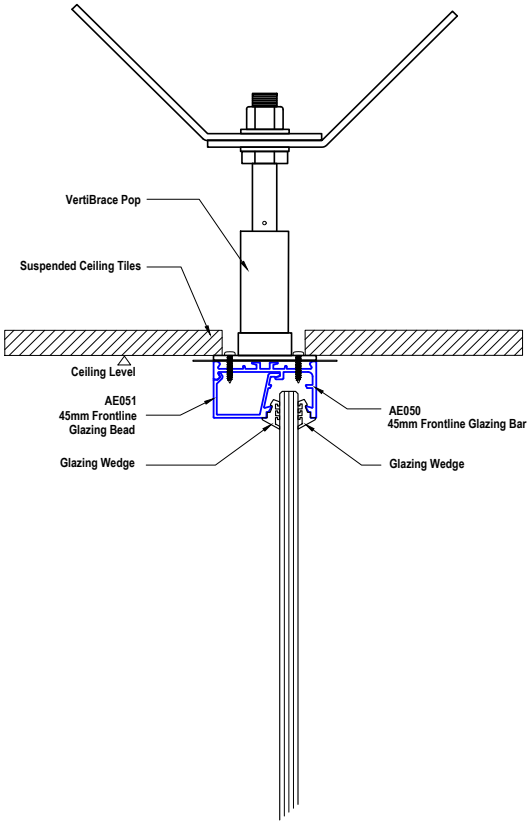
F45 - 03
Half Height 45mm
Frontline Glazing Section

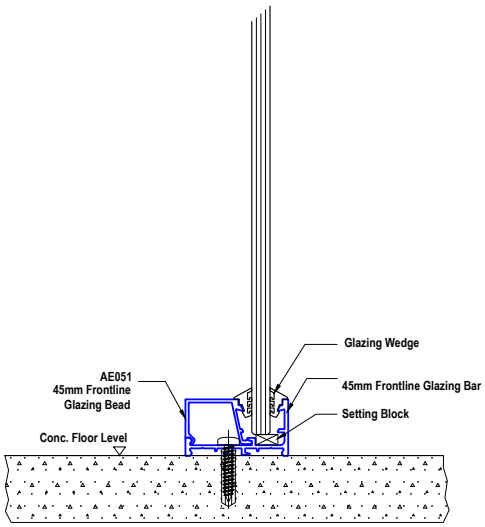


F45 - 04
Plasterboard to 45mm
Frontline Glazing Plan

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

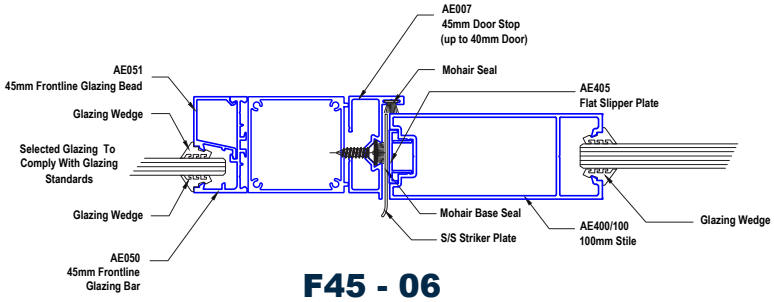




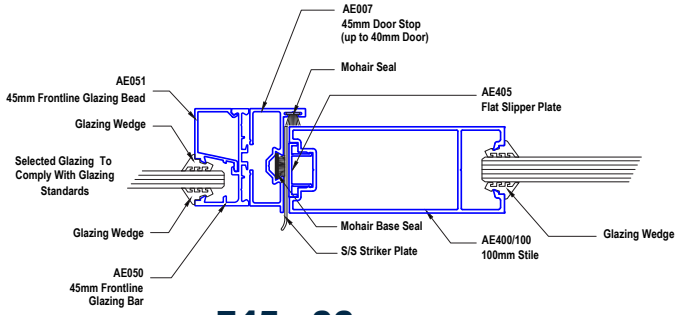
F45 - 05

45mm Frontline Full Height Glazing Section

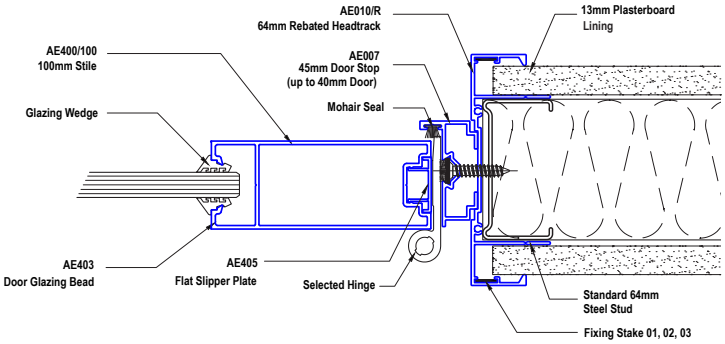
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



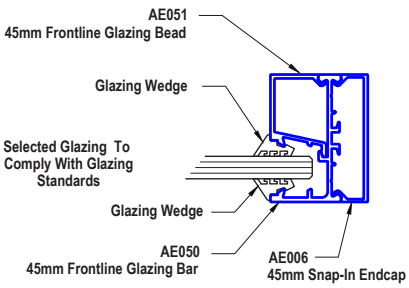
F45 - 06



F45 - 06



F45 - 06
45mm Frontline
Door Plan



F45 - 07
45mm Frontline Glazing
Termination Plan

Please note: The door seal needs to be inserted before the 007 or 008 is screwed off.

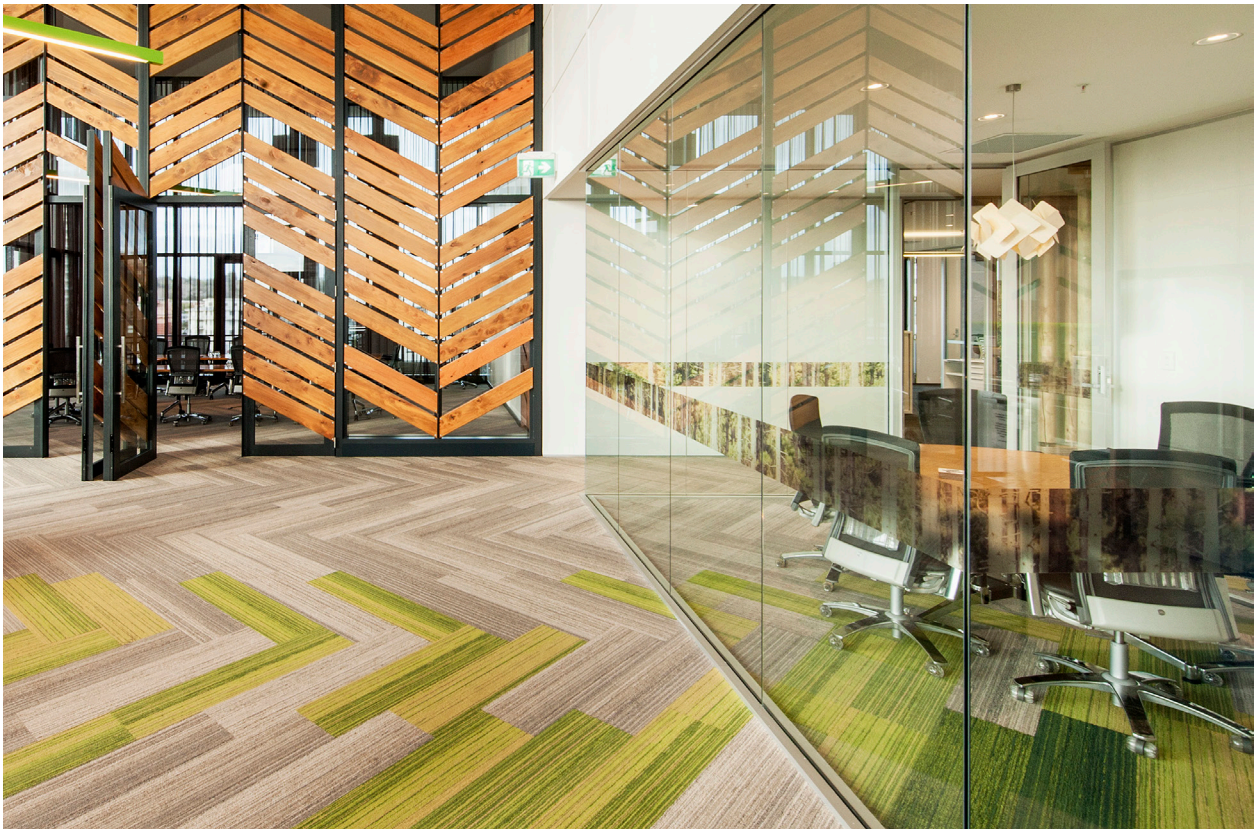
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

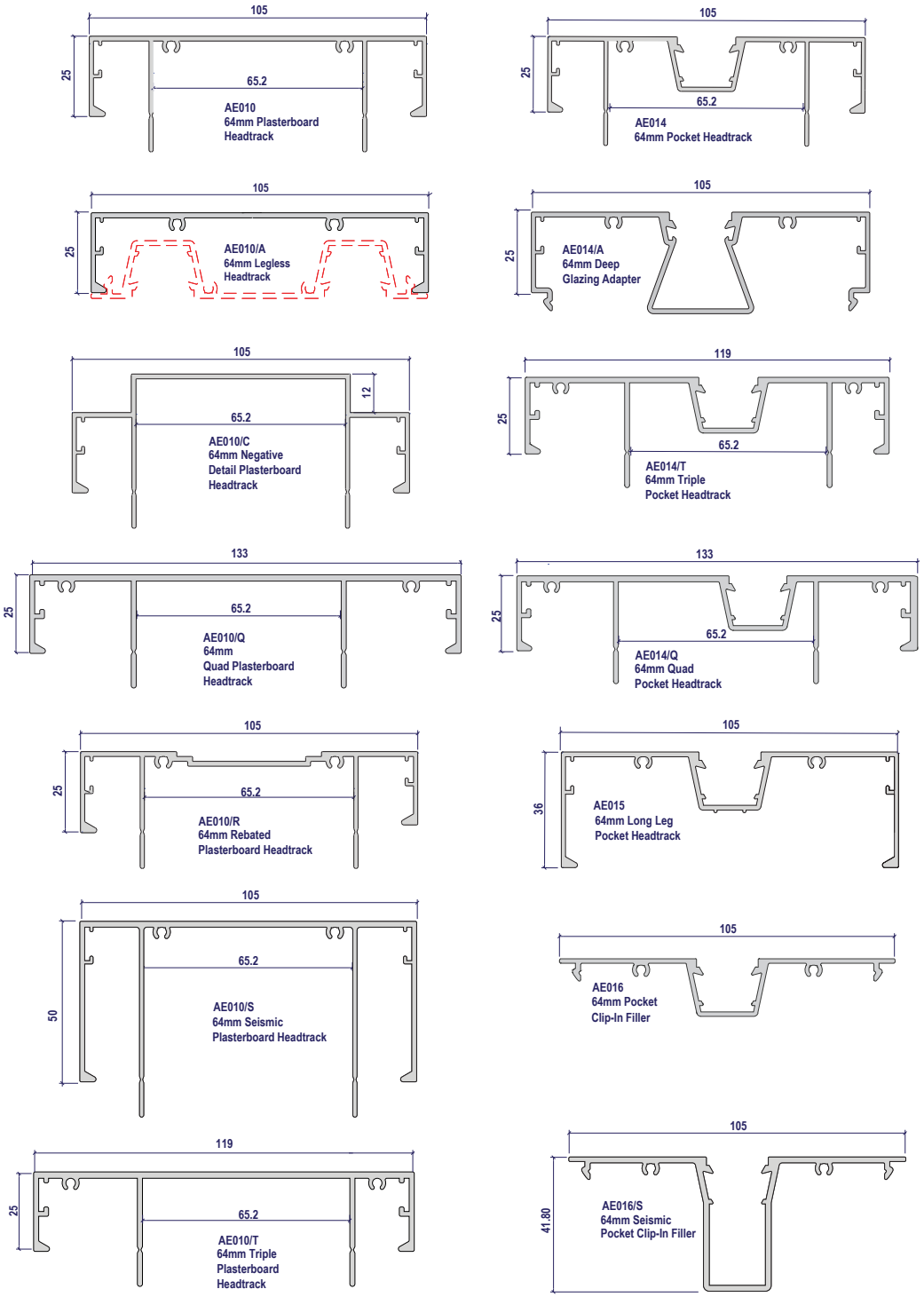
Eclipse 64mm Aluminium Suite

ECLIPSE 64MM

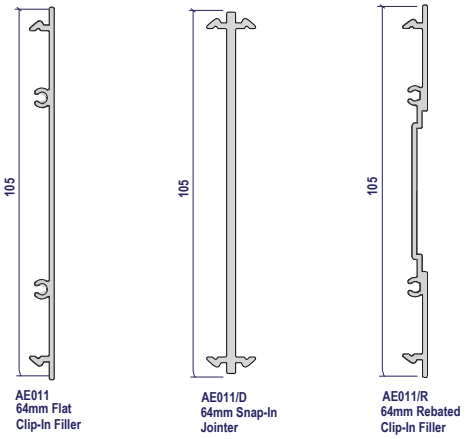
- Robust multi-purpose Suite
- Incorporates double glazing
- Double Glazing Suite acoustically tested to achieve <STC47
- Allows raking mullions
- Widely used in commercial fit-outs
- Suitable for use in education spaces

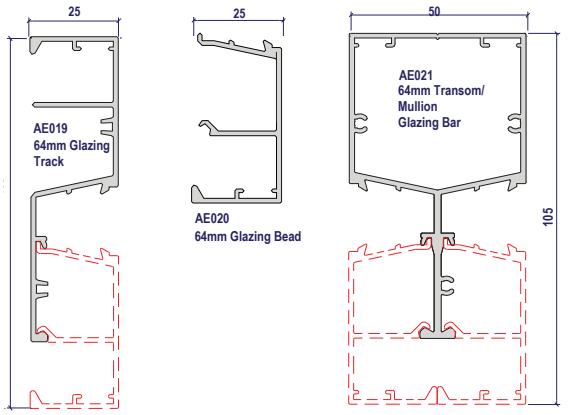
Finishing options:
Eclipse Aluminium Suite is available anodised or powdercoated, including MetWood timber finishes. Can accept glass up to 12.38mm.

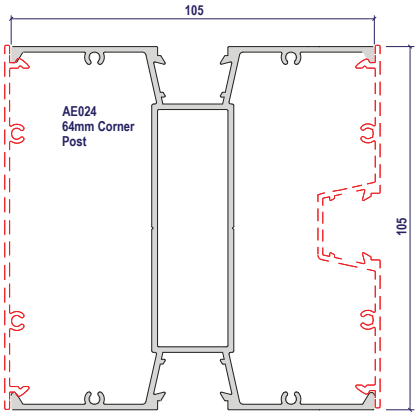




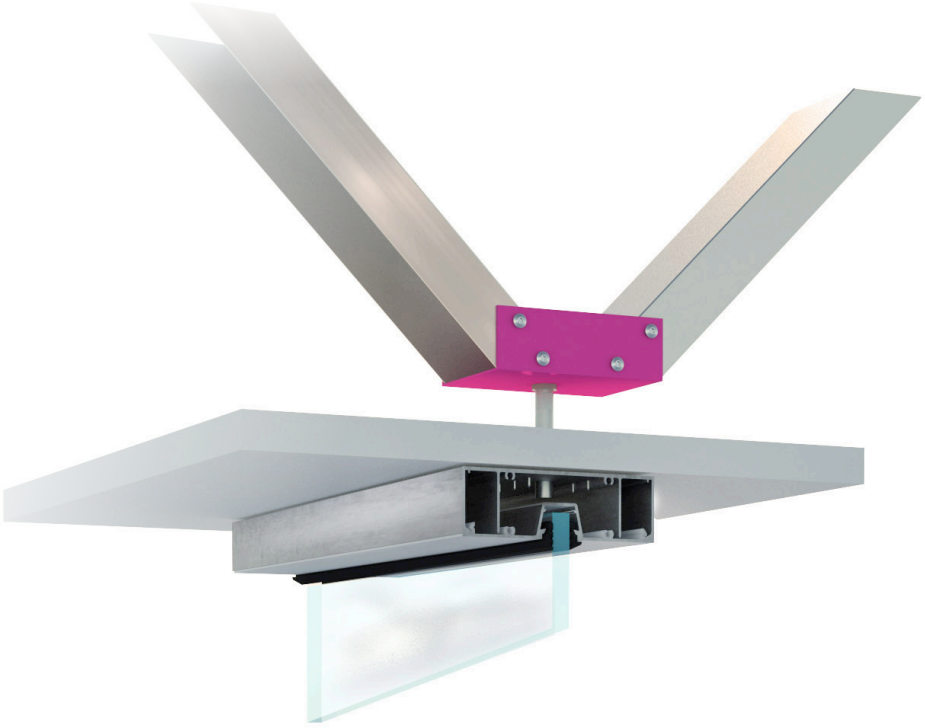
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

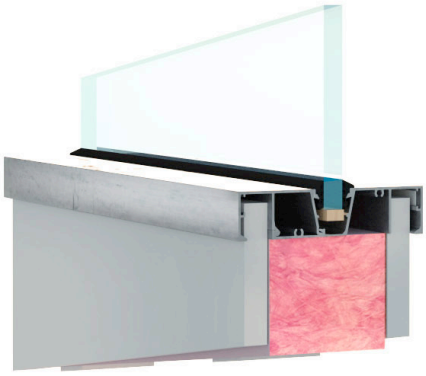


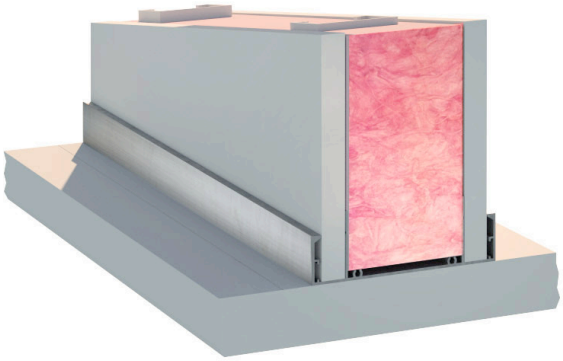




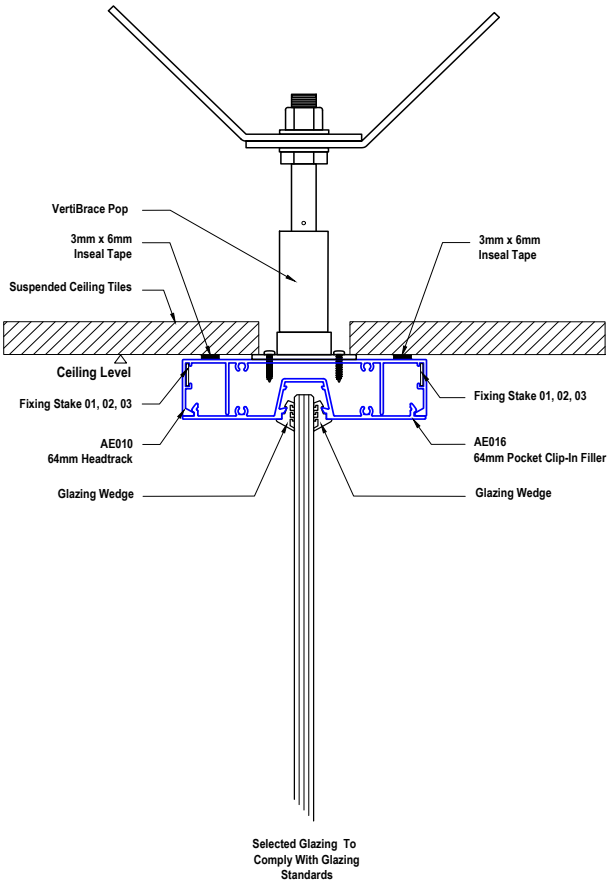
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



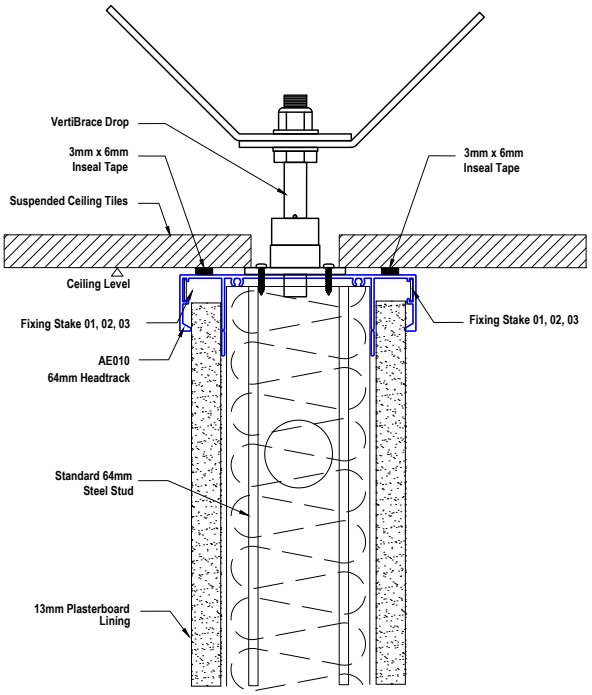




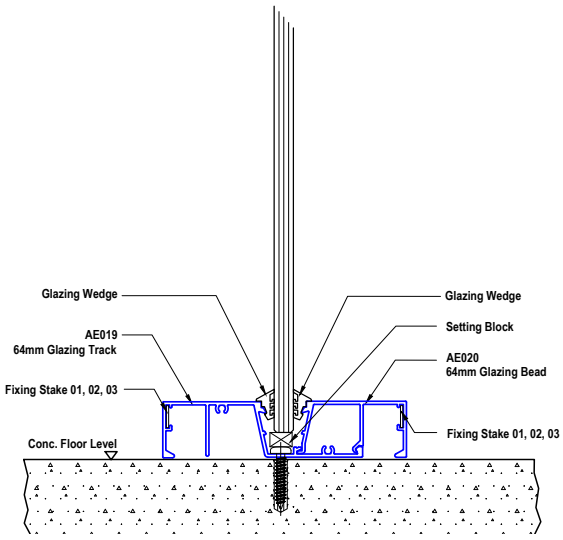
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

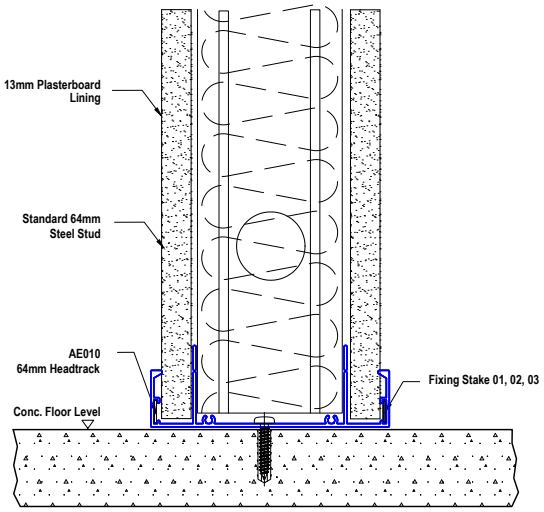


E64 - 03
64mm Glazing Section



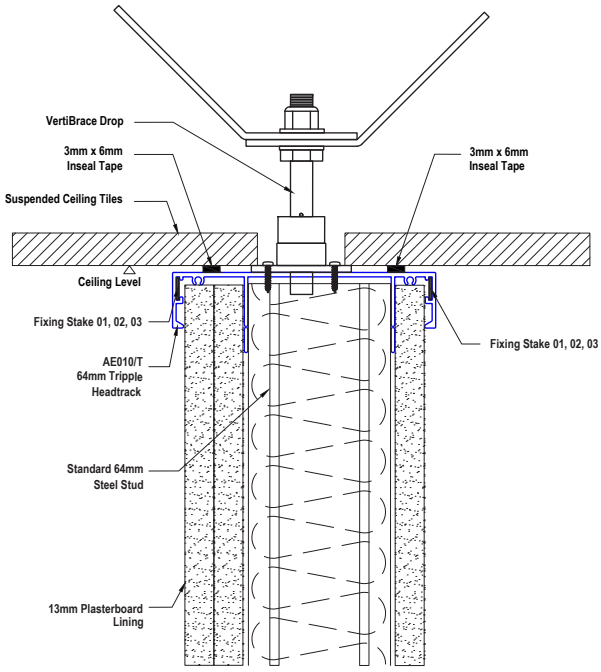
E64 - 04
Standard 64mm
Wall Section



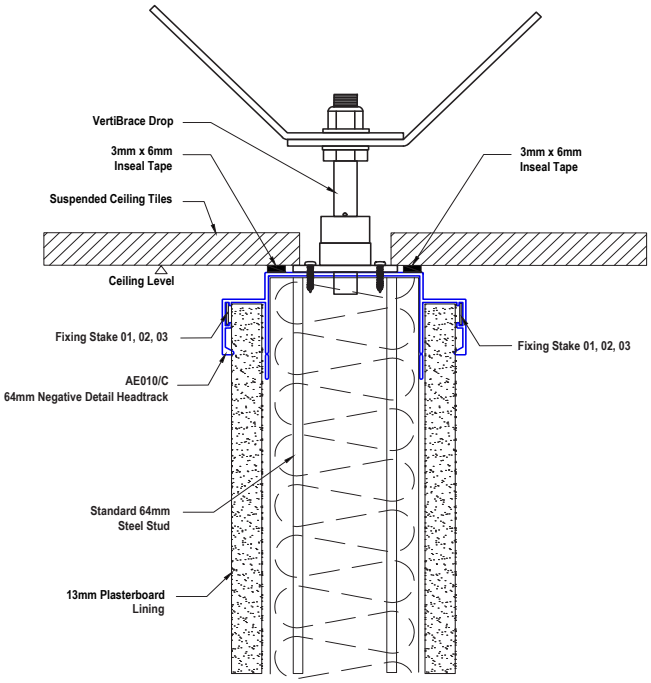


Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

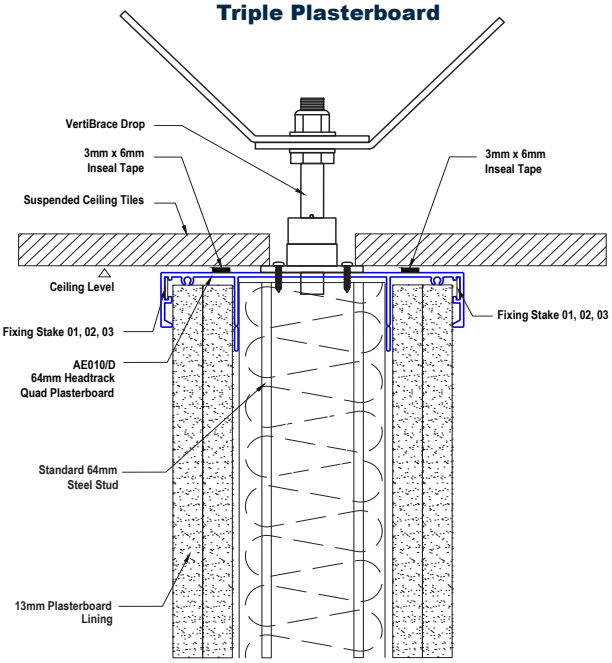
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



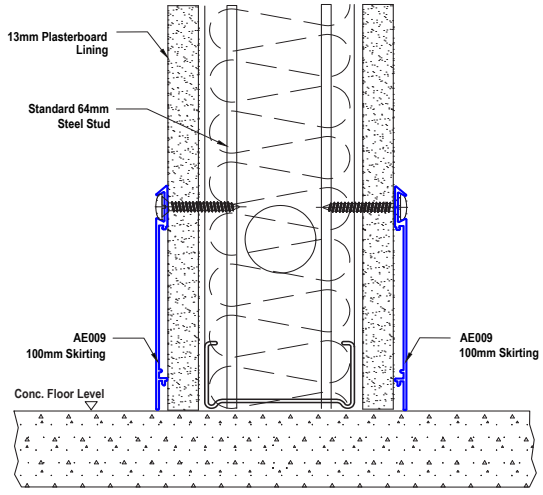
E64 - 04/T
64mm Wall with Triple Plasterboard



E64 - 05
64mm Negative Detail Headtrack Section



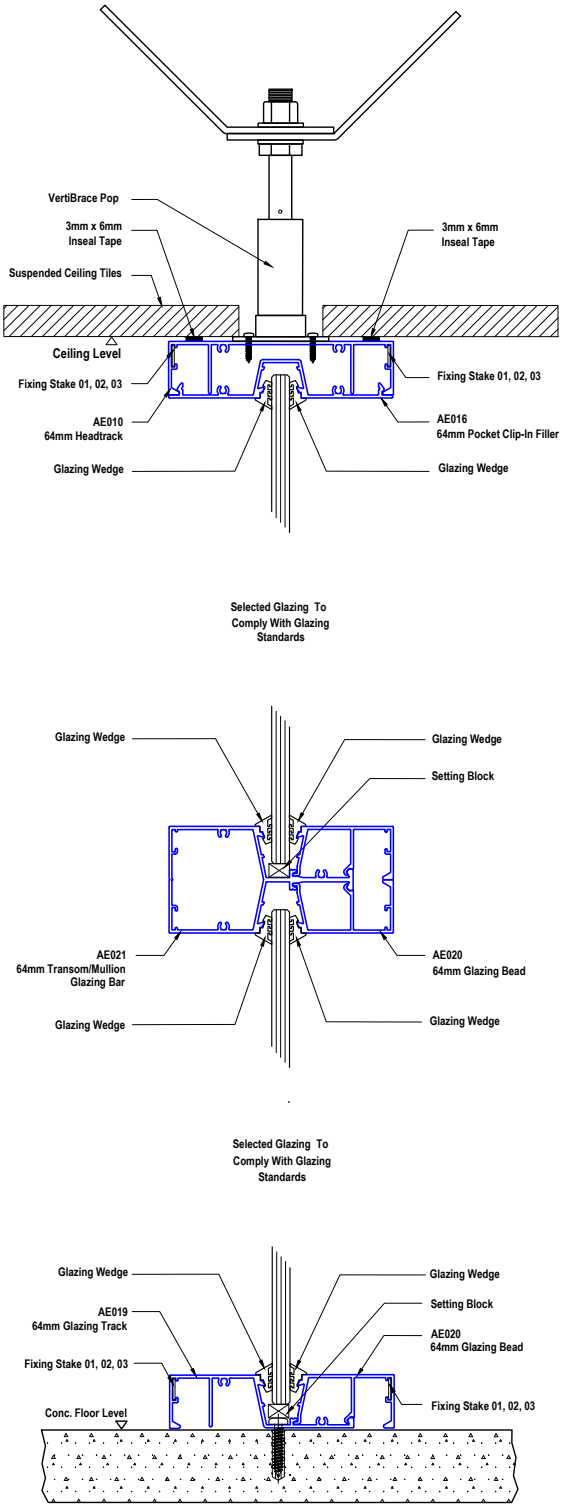
E64 - 04/Q
64mm Wall with Quad Plasterboard



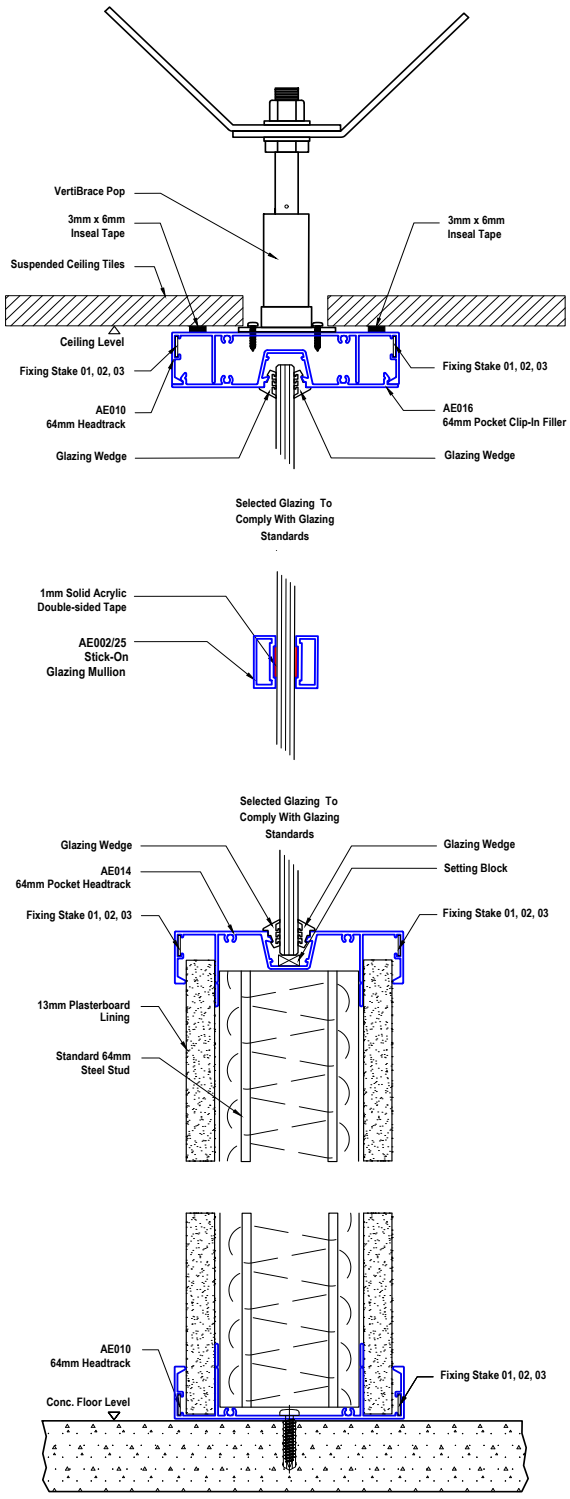
E64 - 06
64mm Wall with 100mm Skirting Section

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



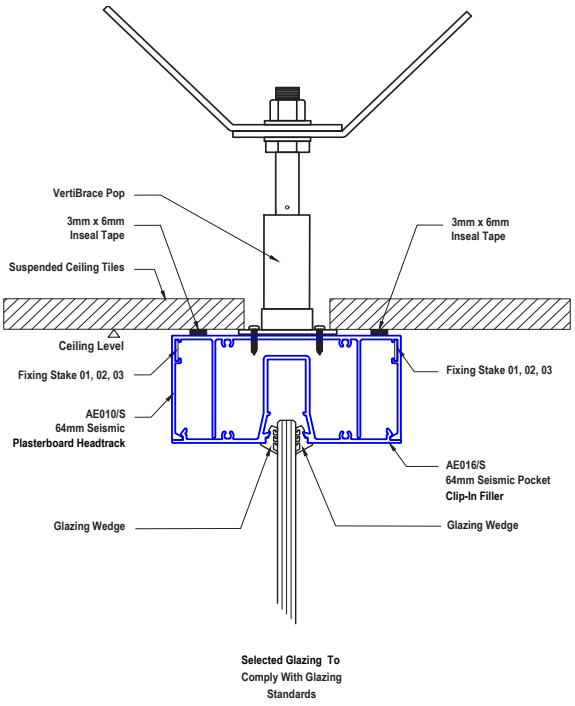
E64 - 07
64mm Transom Glazing Section

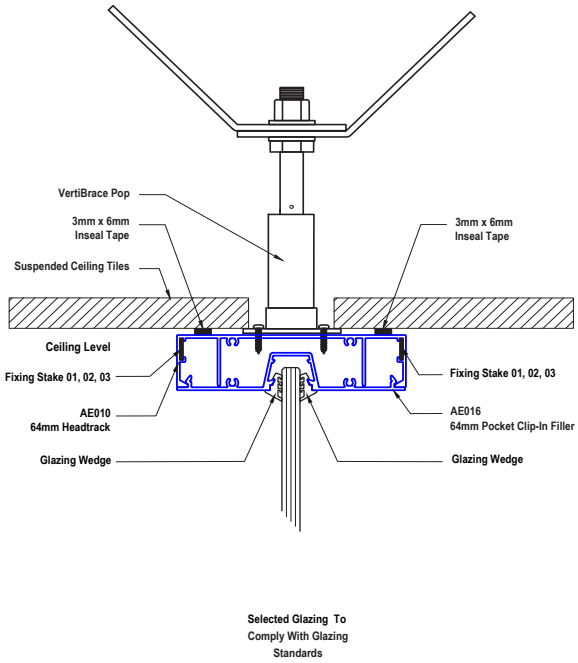


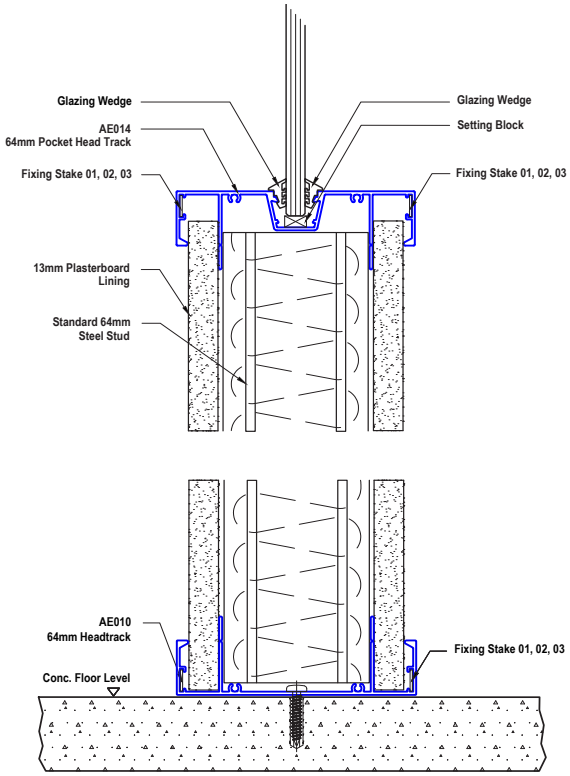
E64 - 08
64mm Glazing and Plasterboard Wall Section

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

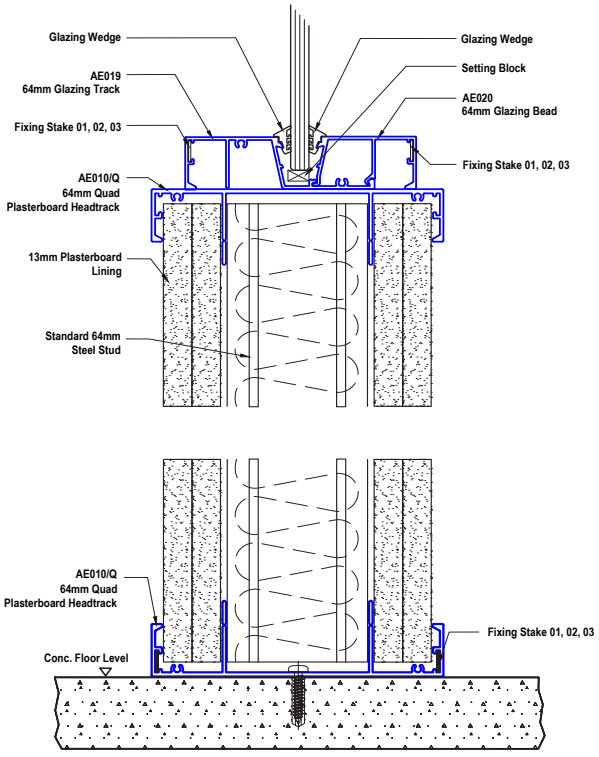






E64 - 08/B

64mm Seismic Pocket Glazing Section

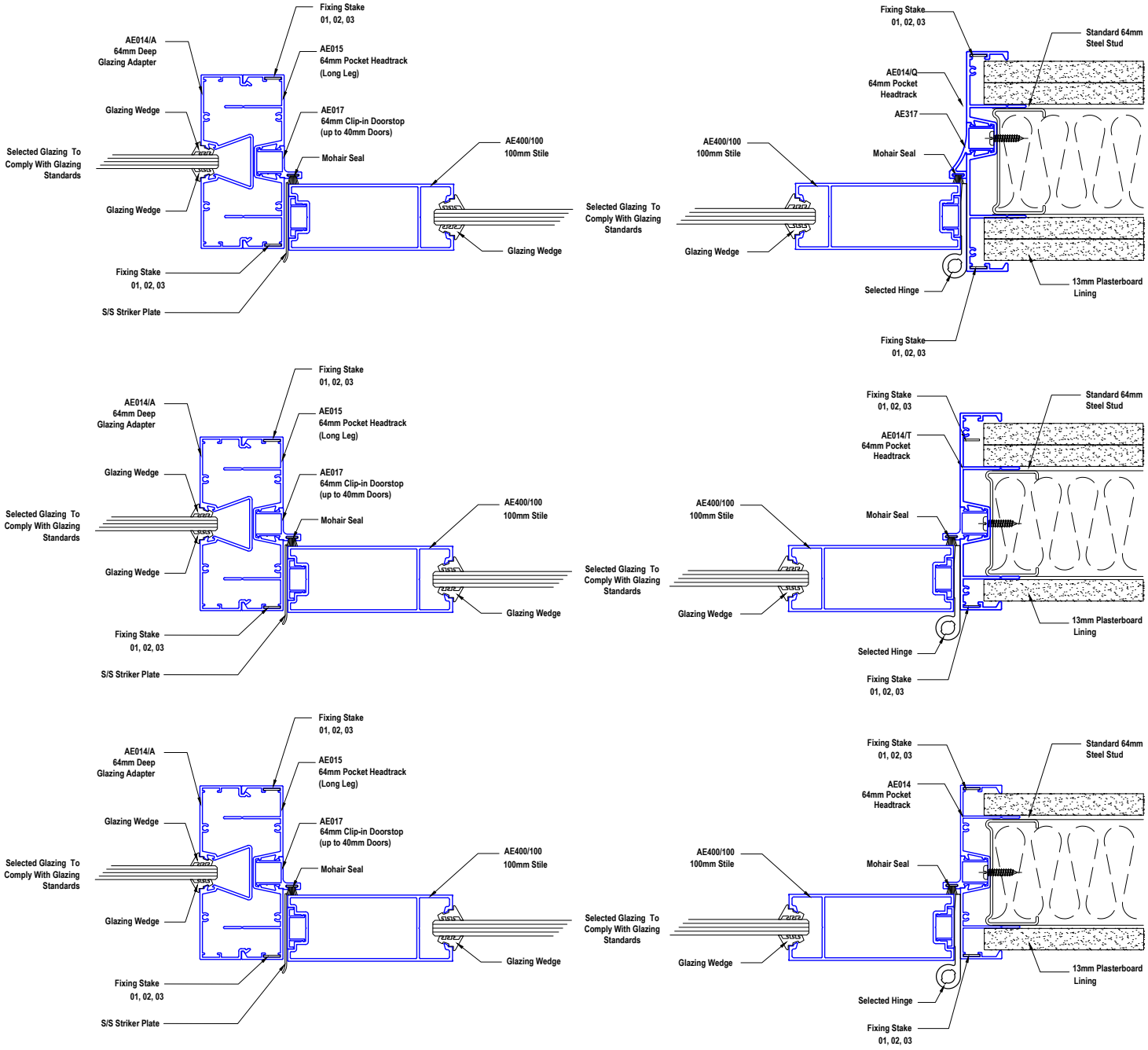


E64 - 08/Q

64mm Partial Height Glazing with Quad Plasterboard Section

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

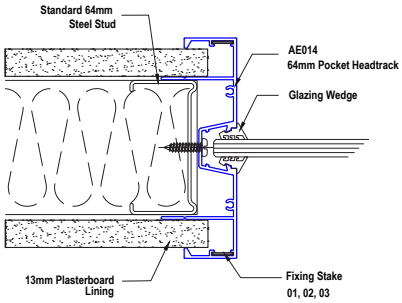


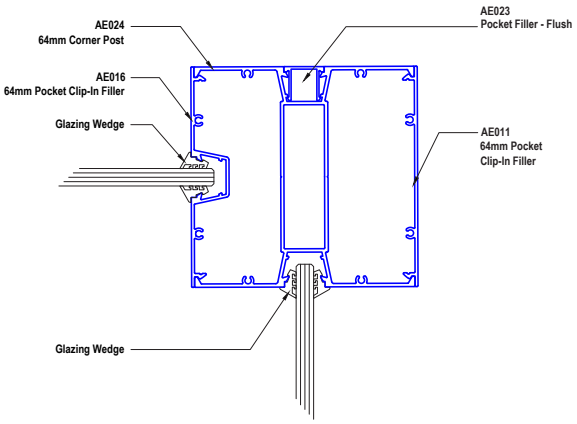
E64 - 09

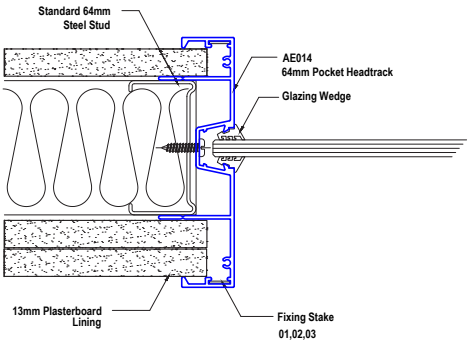
Door with Sidelight

Plan - 40mm Door

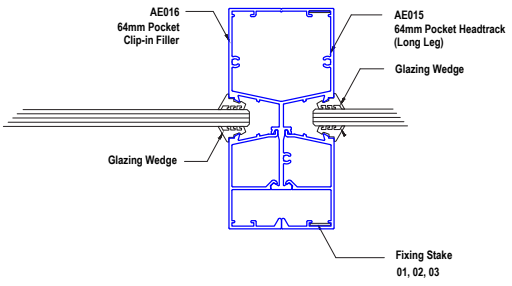
Please Note:
All doors available with 80mm, 100mm and 120mm stiles. See details online.
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

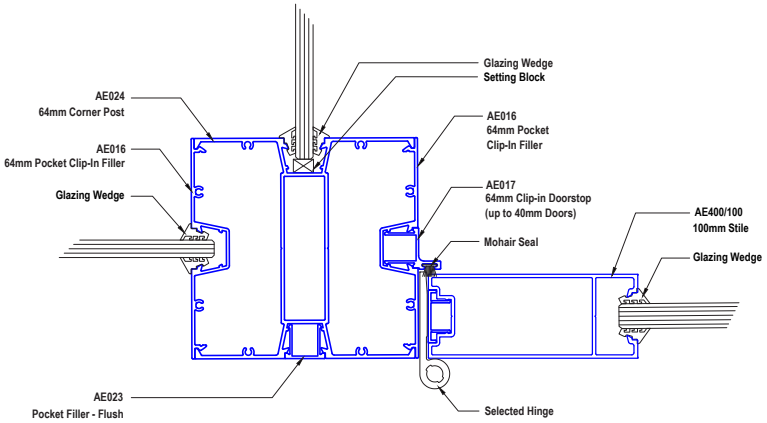






Selected Glazing To
Comply With Glazing
Standards

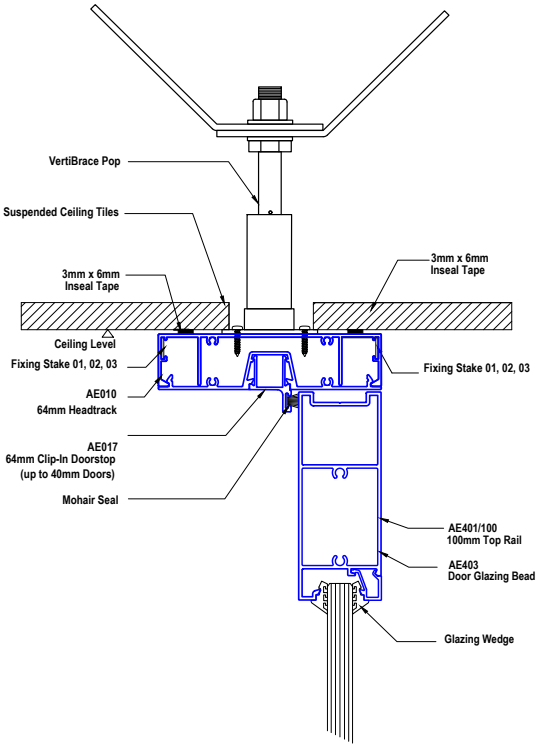




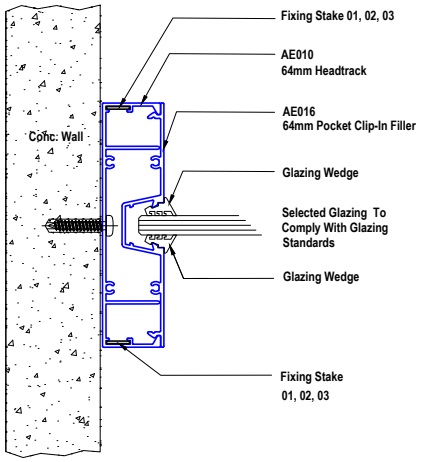
E64 - 10

64mm Post and Mullion Glazing Plan

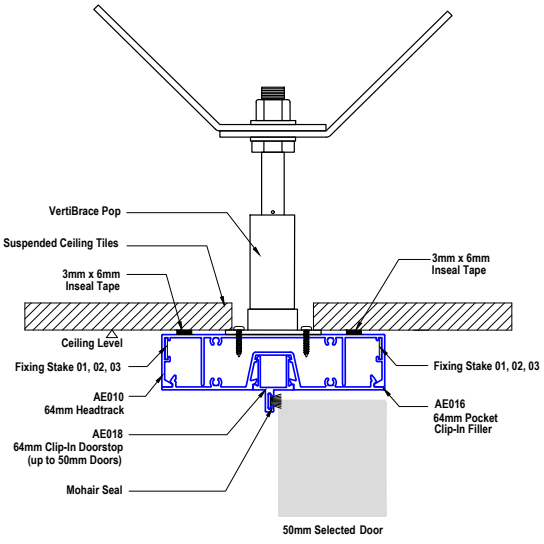
Please Note:
All doors available with 80mm, 100mm and 120mm stiles. See details online.
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



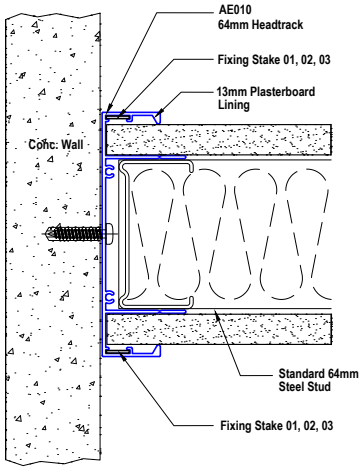
E64 - 11
64mm Door Head
Section - 40mm Door



E64 - 12
64mm Glazing
Termination Plan

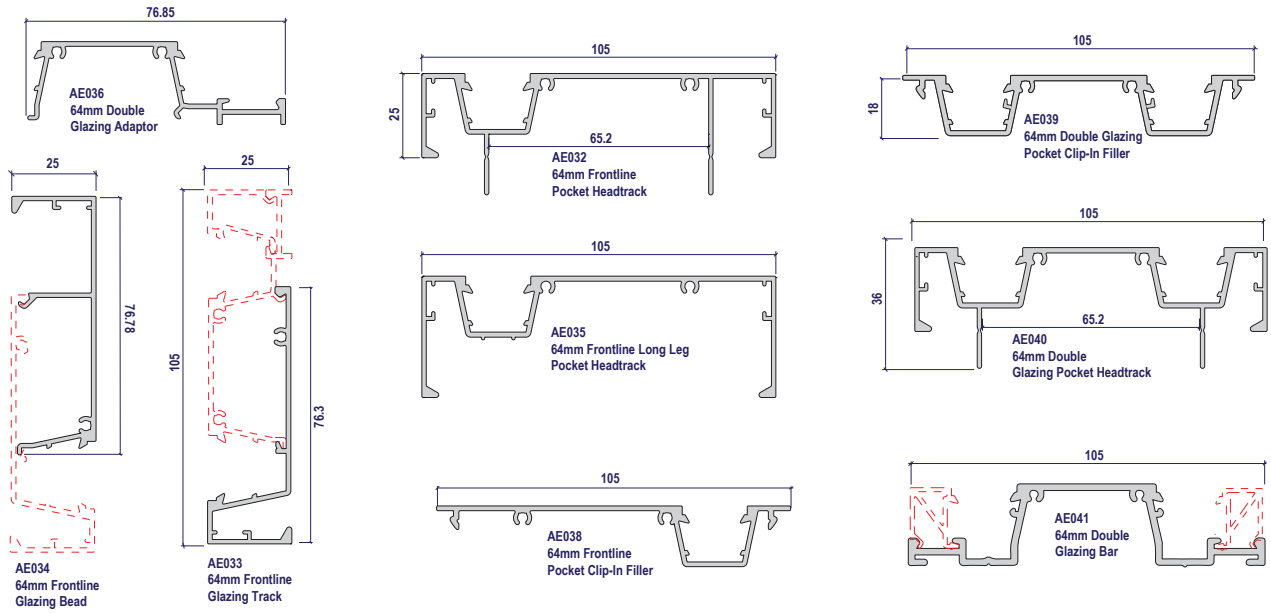


E64 - 11
64mm Door Head
Section - 50mm Door



E64 - 12
Wall Termination Plan

Please Note:
All doors available with 80mm, 100mm and 120mm stiles. See details online.
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



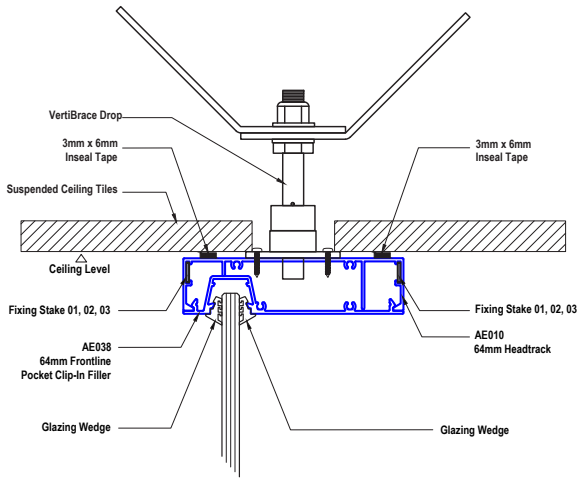
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

TESTED DOUBLE GLAZED ACOUSTIC PARTITIONS

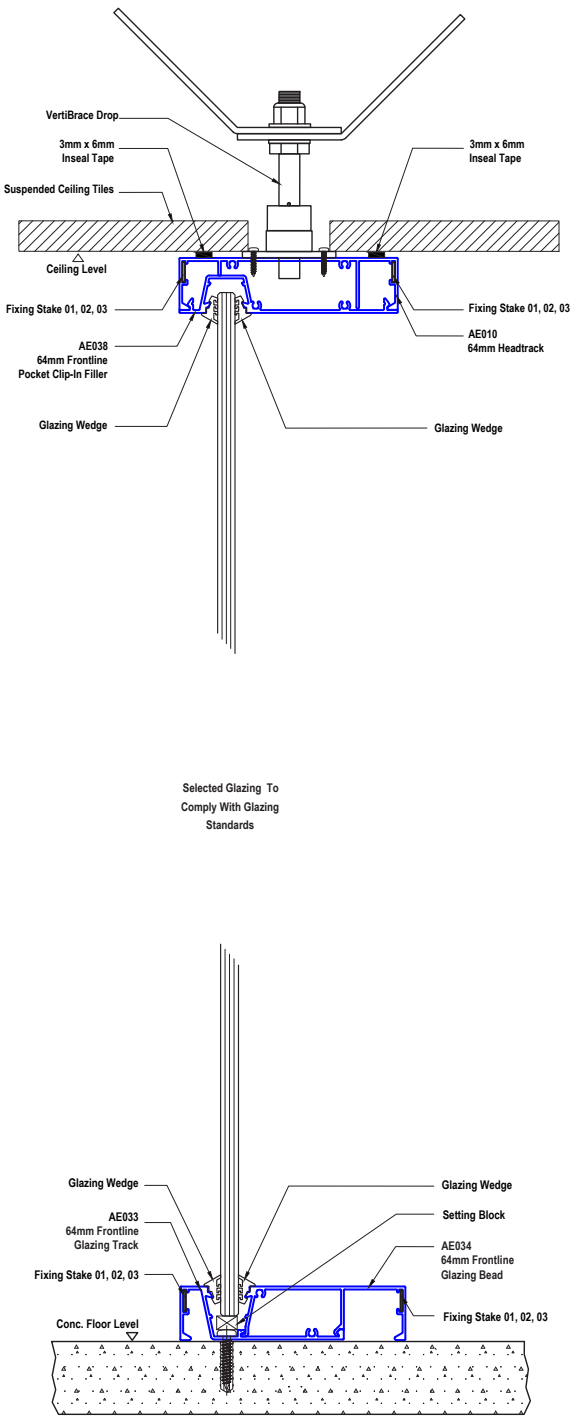
GLASS DESCRIPTION	RESULT
10mm Toughened, 50mm air space, 10mm Toughened	42 STC
10mm Toughened, 50mm air space, 10.38mm PVB Laminate	43 STC
10mm Toughened, 50mm air space, 10.76mm PVBA Laminate	47 STC
10mm Toughened, 50mm air space, 11.52mm Antibandit	44 STC
10.76mm PVBA Laminate, 50mm air space, 10.38mm PVB Laminate	47 STC
10.38mm PVB Laminate. 50mm air space, 11.52mm Antibandit	46 STC
10.76mm PVB Laminate. 50mm air space, 11.52mm Antibandit	48 STC

Finishing options:
Eclipse Aluminium Suite is available anodised or powdercoated.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



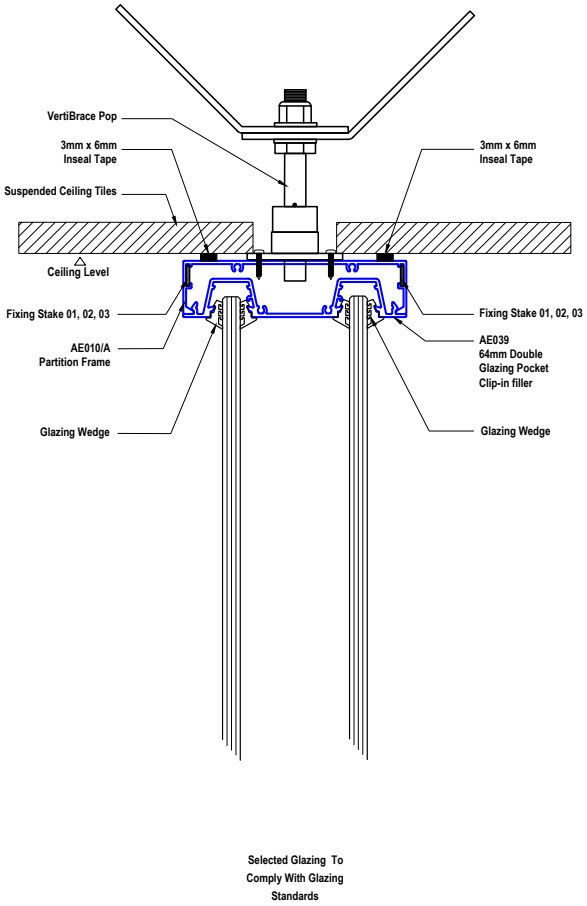
F64 - 03
64mm Frontline Half Height Glazing Section

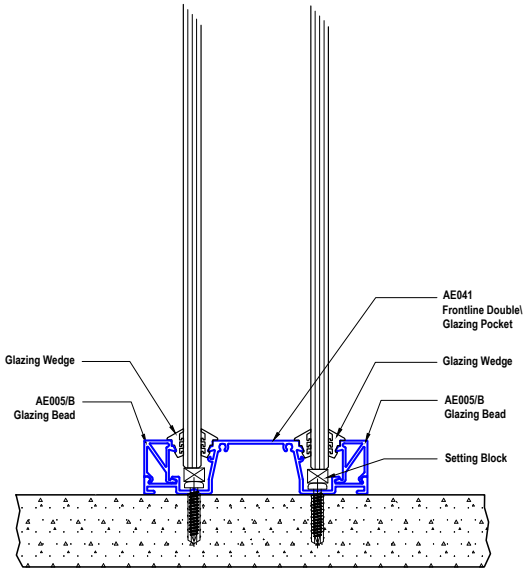


F64 - 04
64mm Full Height Glazing Section

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

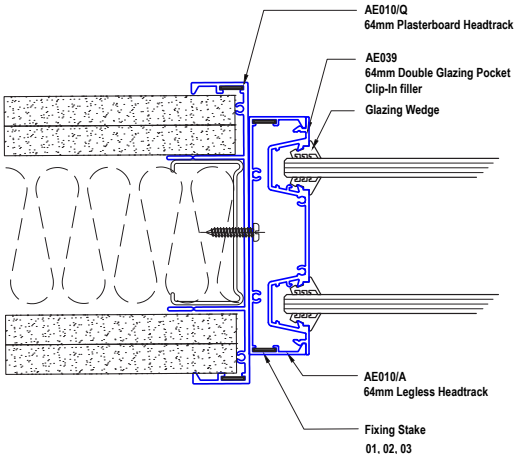


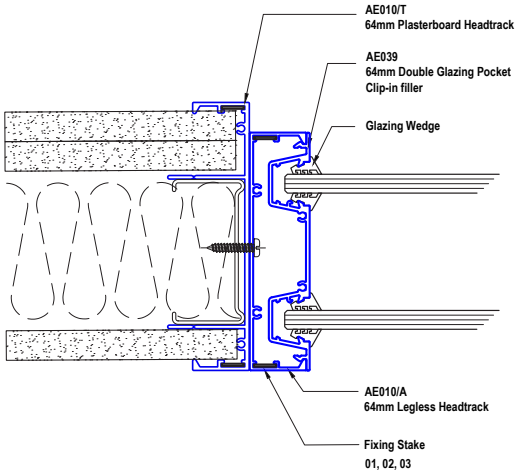


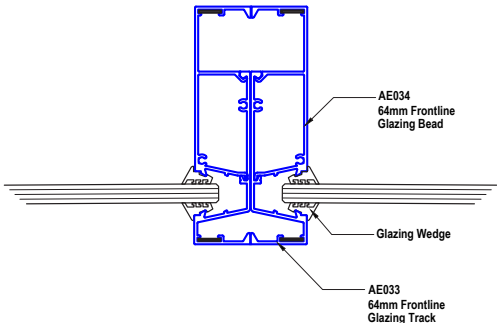
F64 - 05
Double Glazing Section

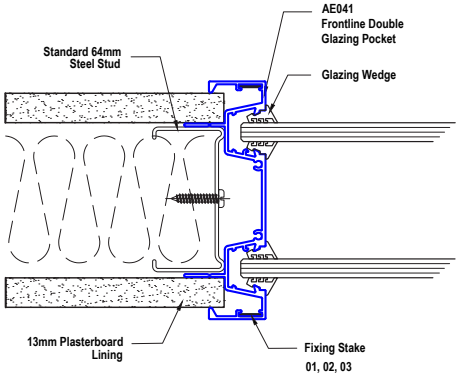
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

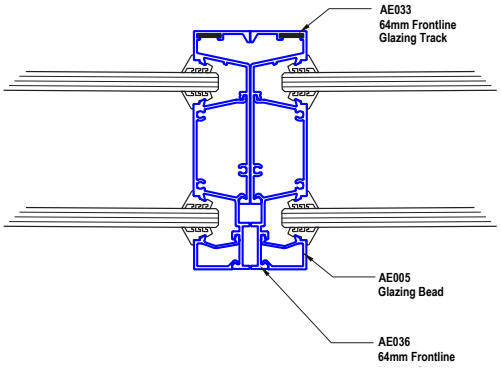
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

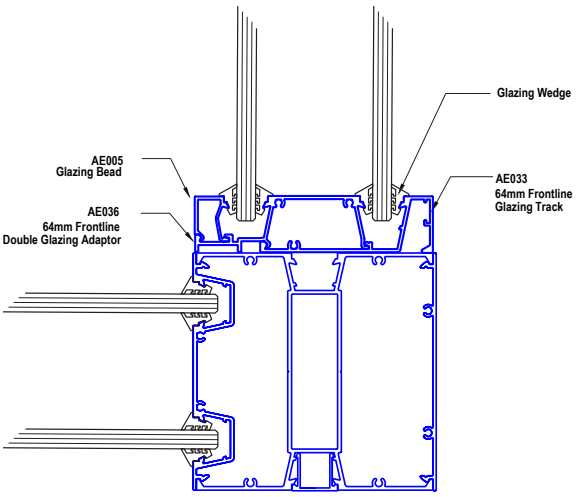


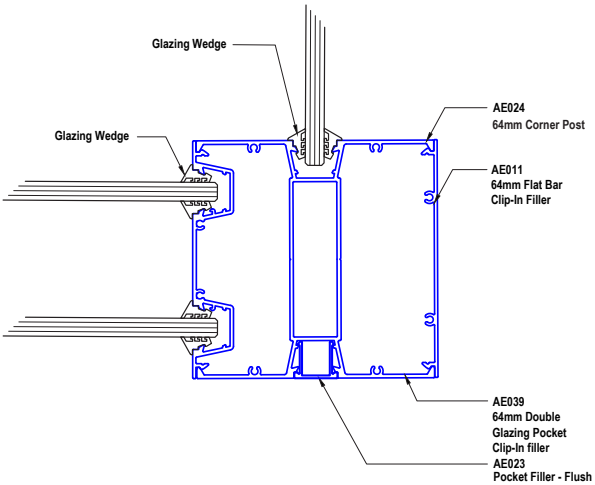












F64 - 06
Frontline and Double Glazing Plans

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

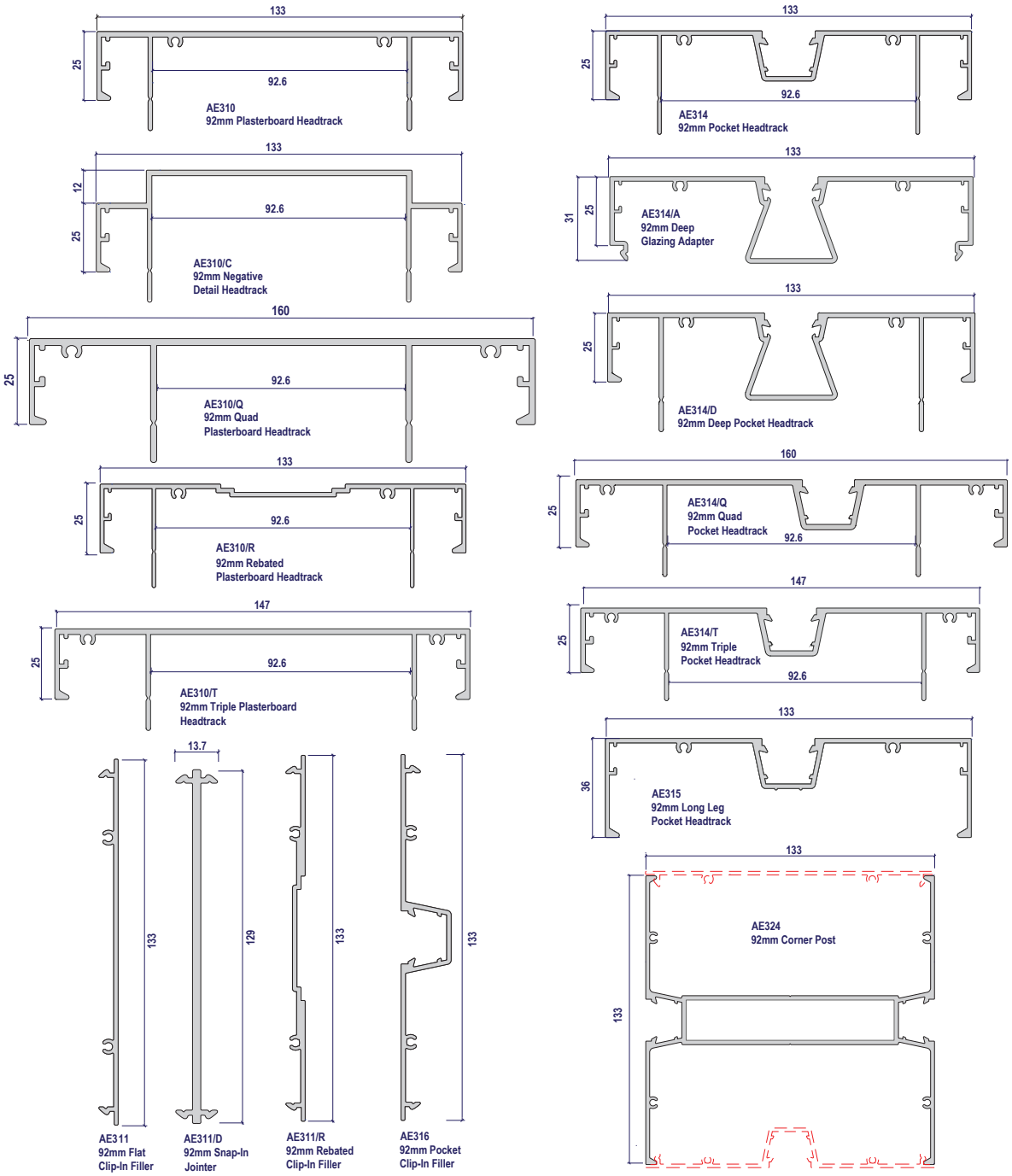
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

Eclipse 92mm Aluminium Suite

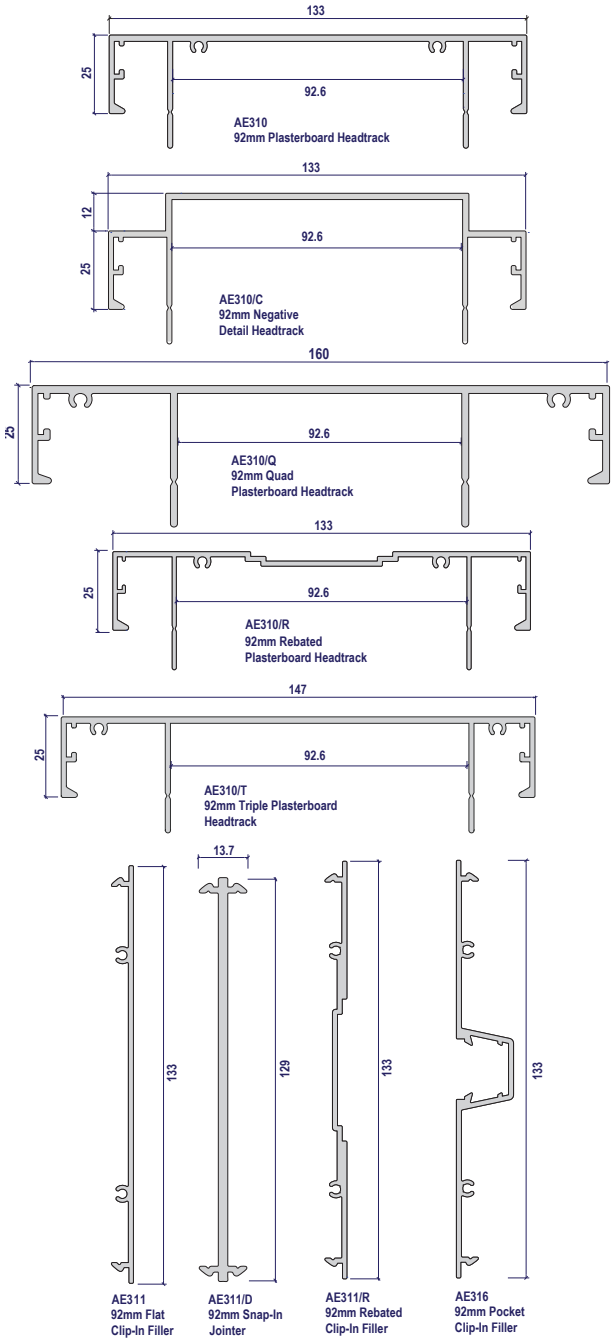
ECLIPSE 92MM

- Robust and sturdy appearance, a sense of solidity in the larger sections
- Clean lines
- Allows for superior STC performance
- Ideal for expansive interior spaces
- Allows for raking mullions
- Suitable for heavy and larger aluminium sliding doors

Finishing options:
Eclipse Aluminium Suite is available anodised or powdercoated, including MetWood timber finishes. Can accept glass up to 12.38mm.



NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



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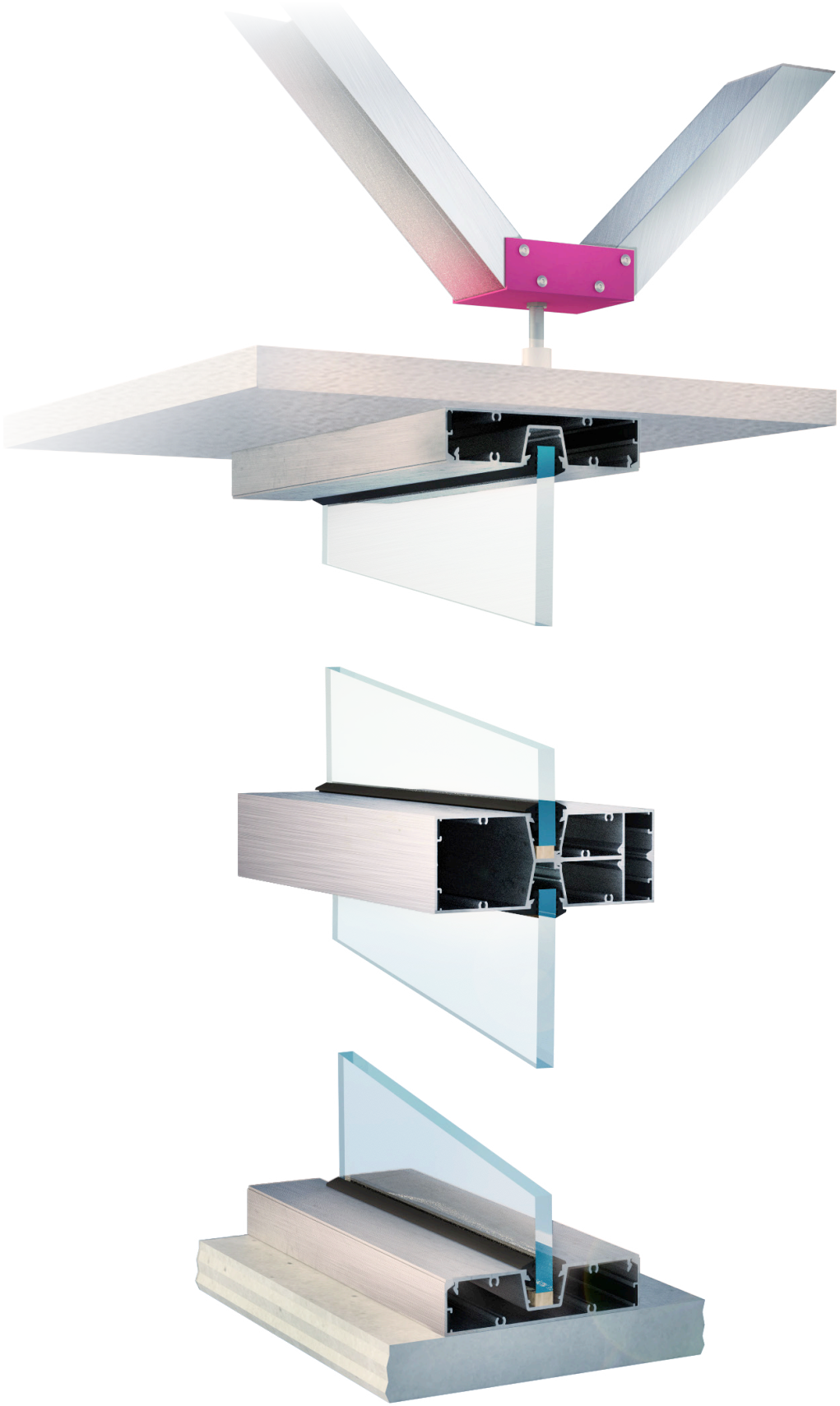

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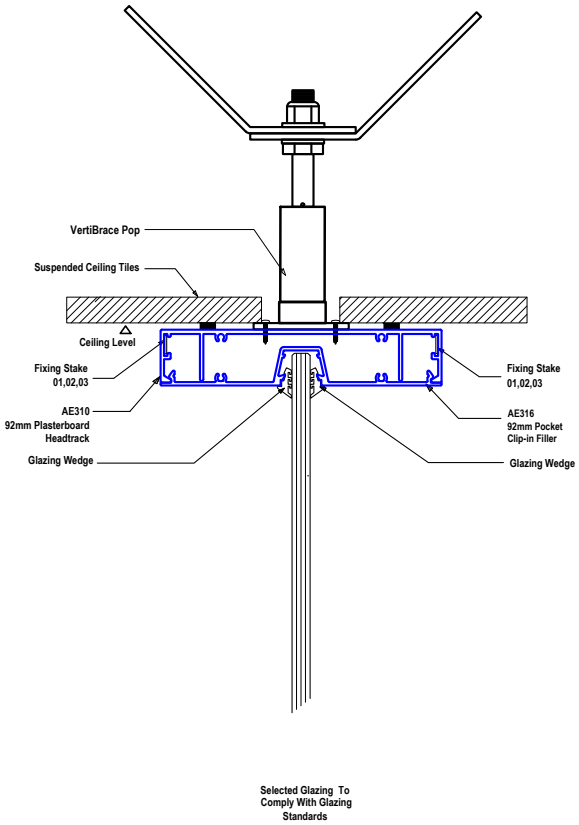
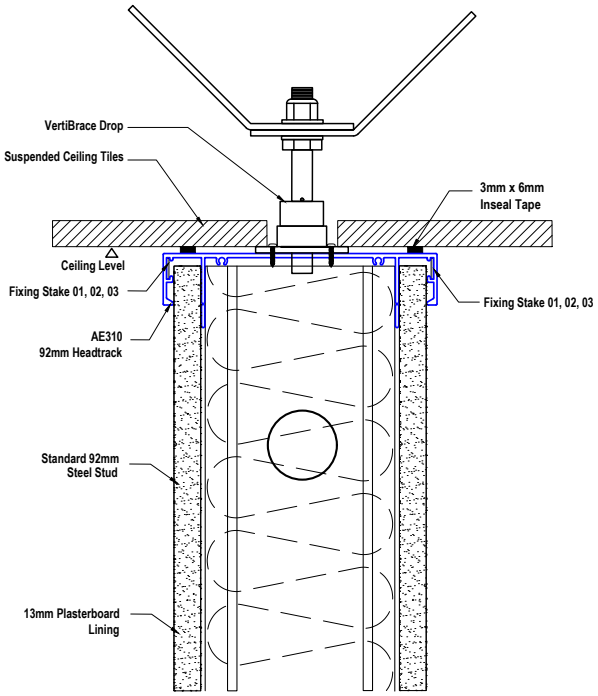
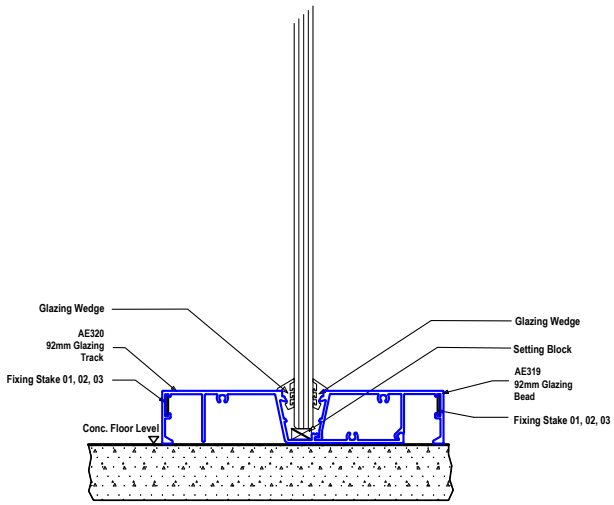
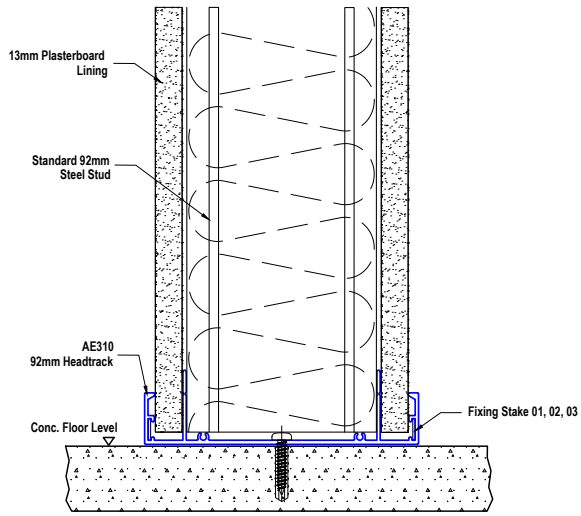




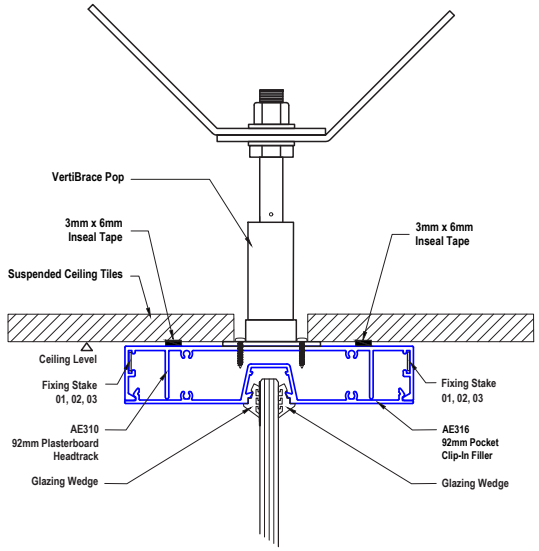


E92 - 03
92mm Glazing Section

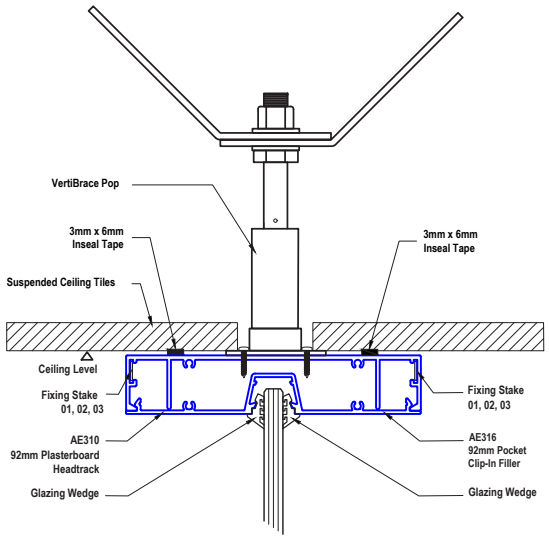


E92 - 04
92mm Standard Wall Section

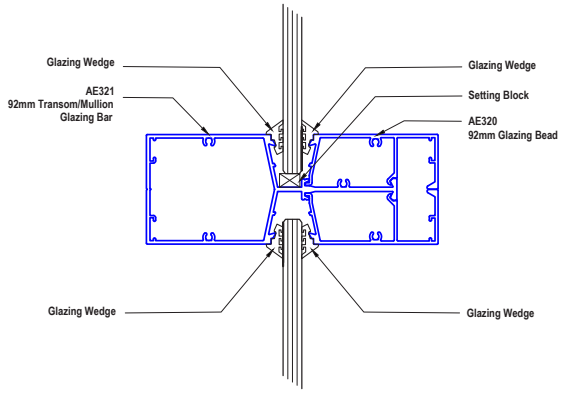
Please Note: Additional wall details available online.
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



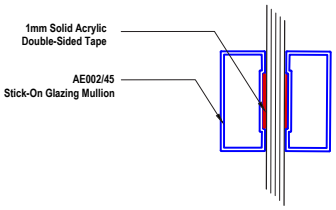
Selected Glazing To Comply With Glazing Standards



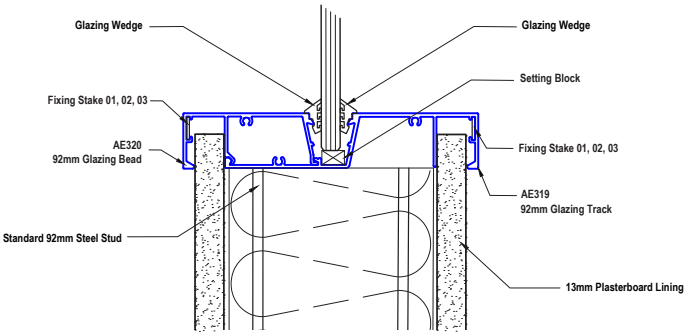
Selected Glazing To Comply With Glazing Standards

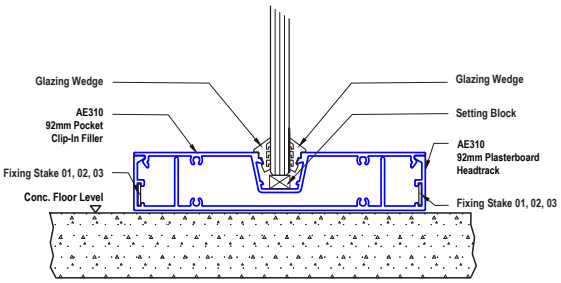


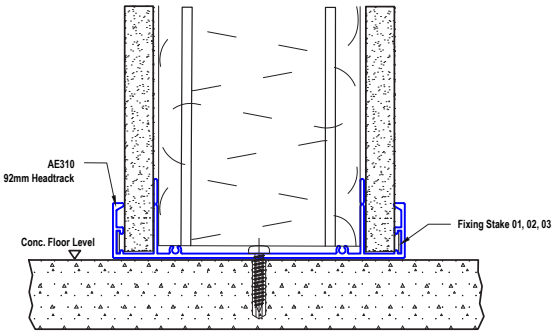
Selected Glazing To Comply With Glazing Standards



Selected Glazing To Comply With Glazing Standards







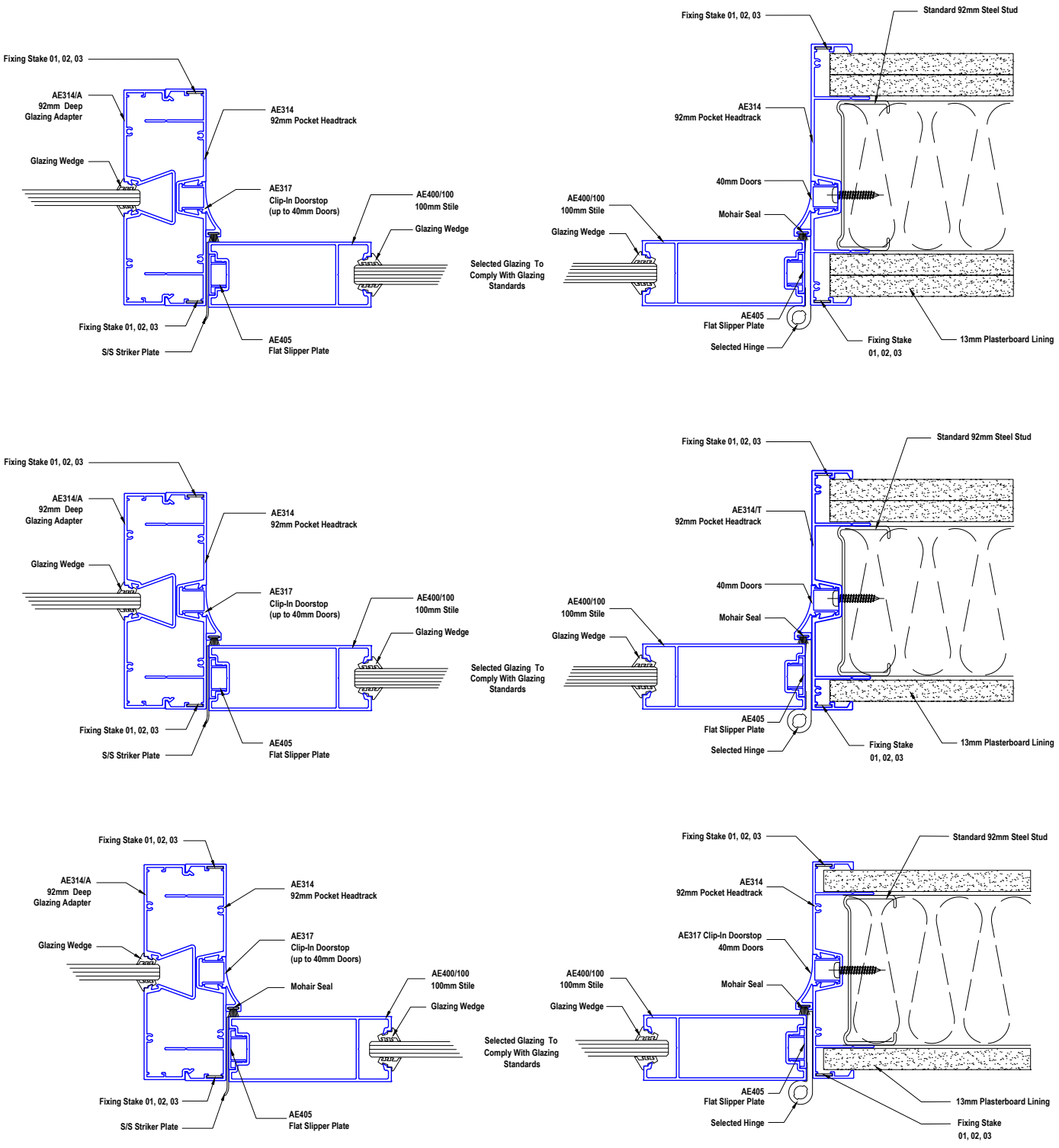
E92 - 07
92mm Glazing with Transom Section

E92 - 08
92mm Glazing and Plasterboard Wall Section

Please Note: Additional wall details available online.

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

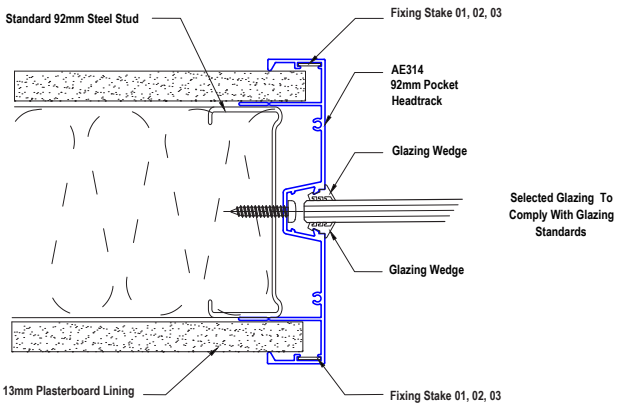


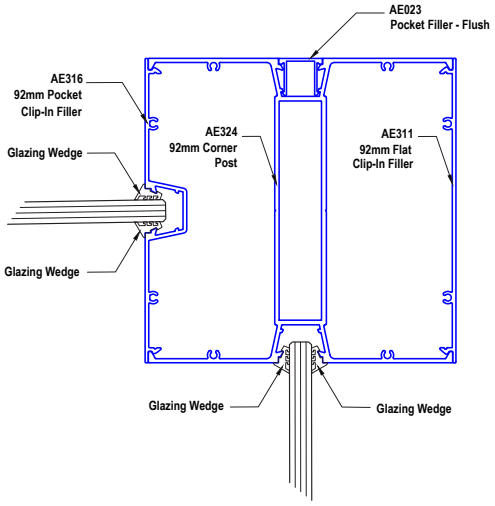
E92 - 09

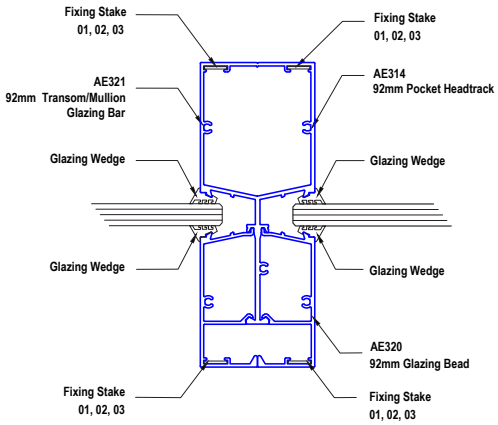
Door with
Sidelight (40mm)

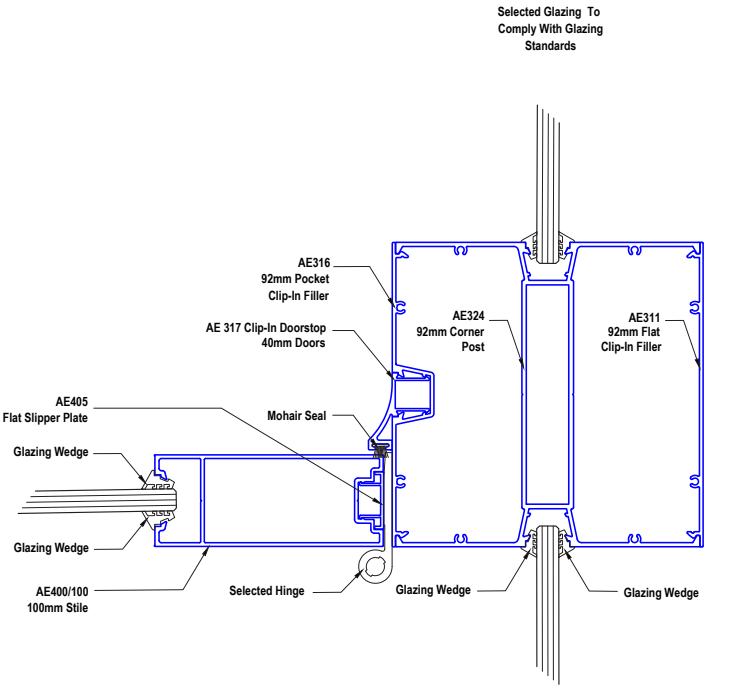
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ







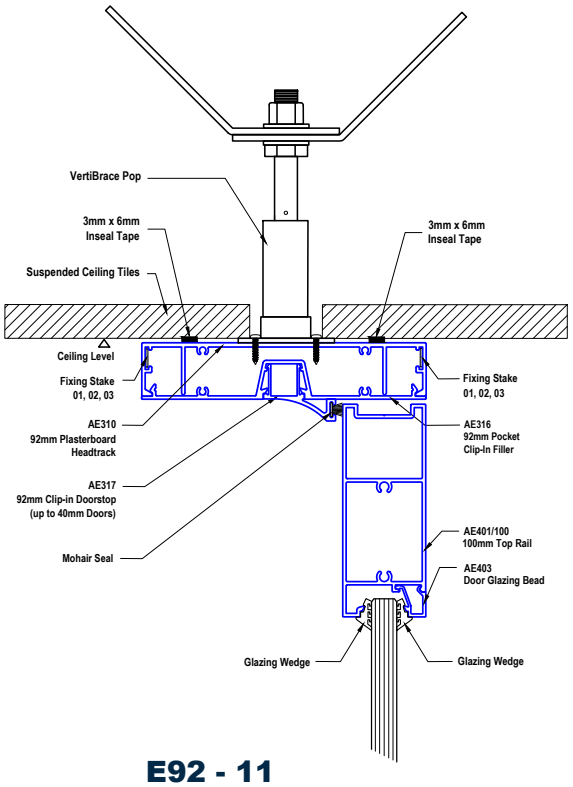


E92 - 10

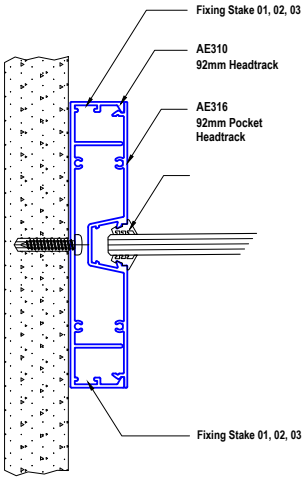
92mm Post and Mullion Glazing Plan

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

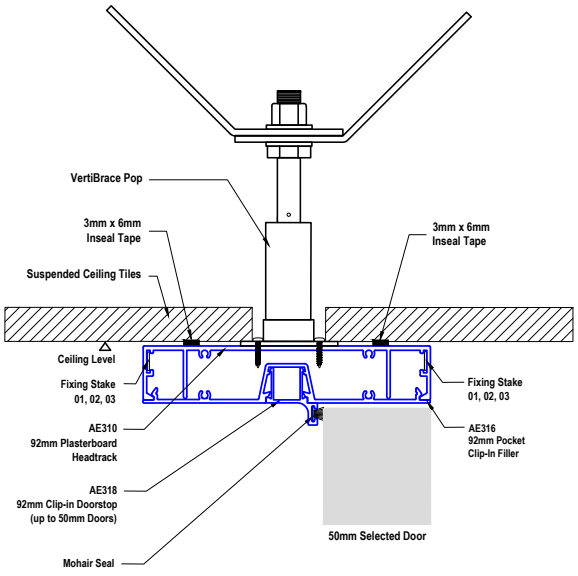
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



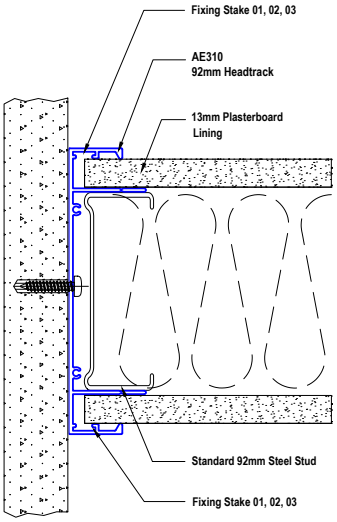
E92 - 11
92mm Door Head
Section - 40mm Door



E92 - 12
92mm Termination
Plan

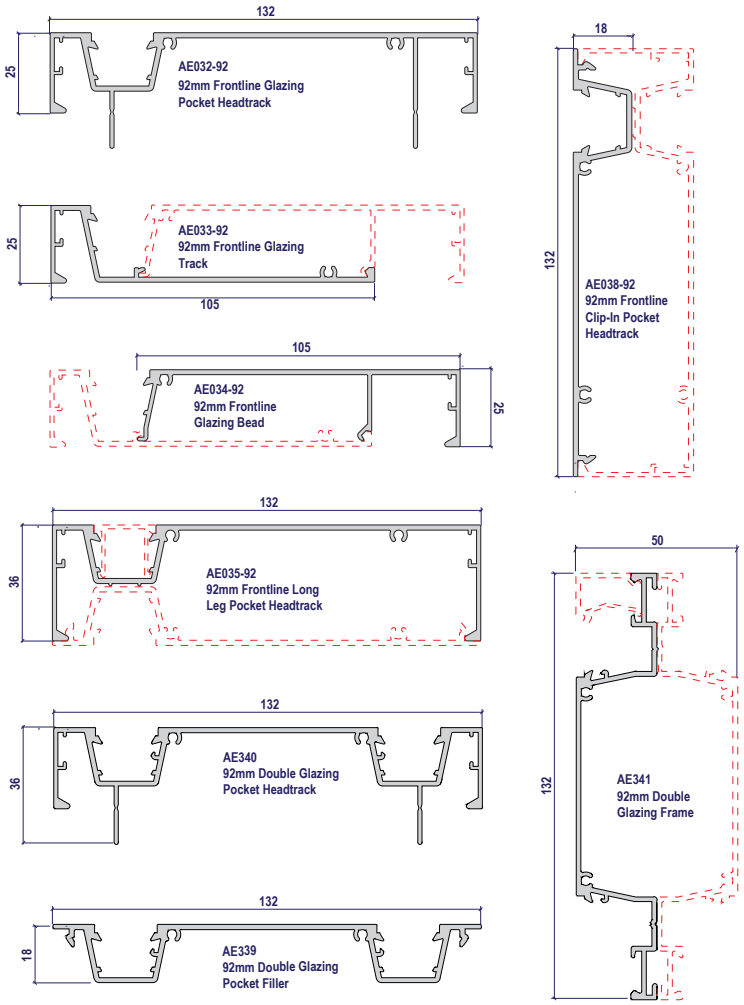


E92 - 11
92mm Door Head
Section - 50mm Door

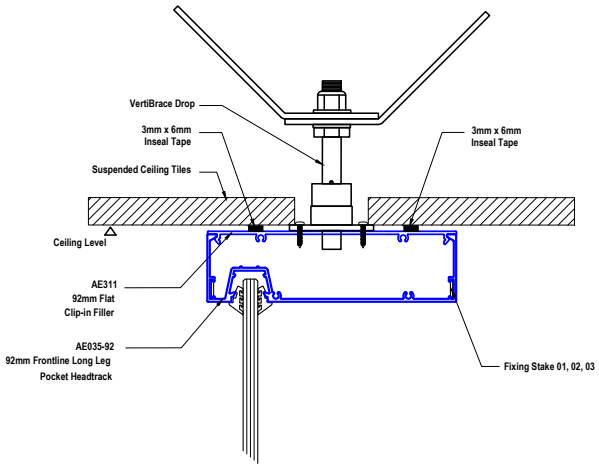


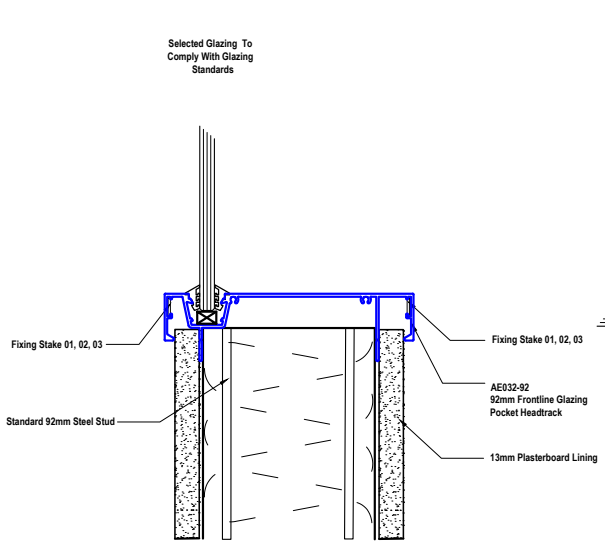
E92 - 12
92mm Termination
Plan

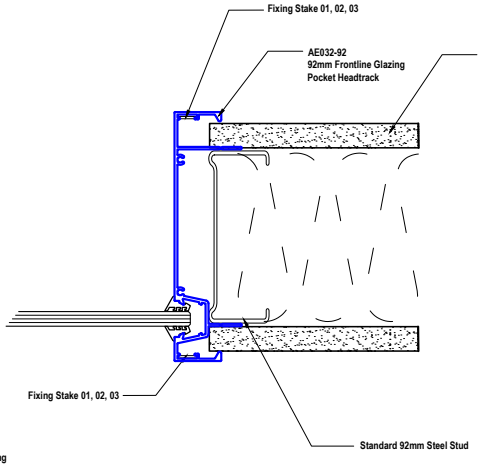
Please Note: Doors can be - Solid Core, Hollow Core, Aluminium or Timber dependant on design needs. Aluminium only available in 40mm.
Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

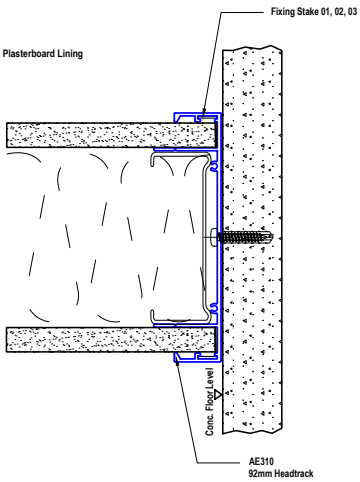


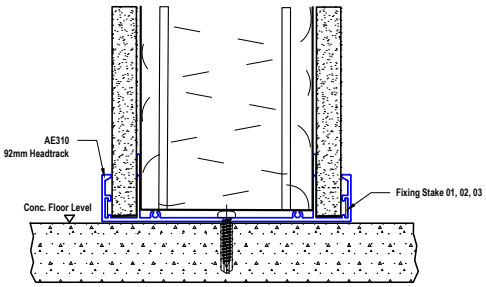
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ









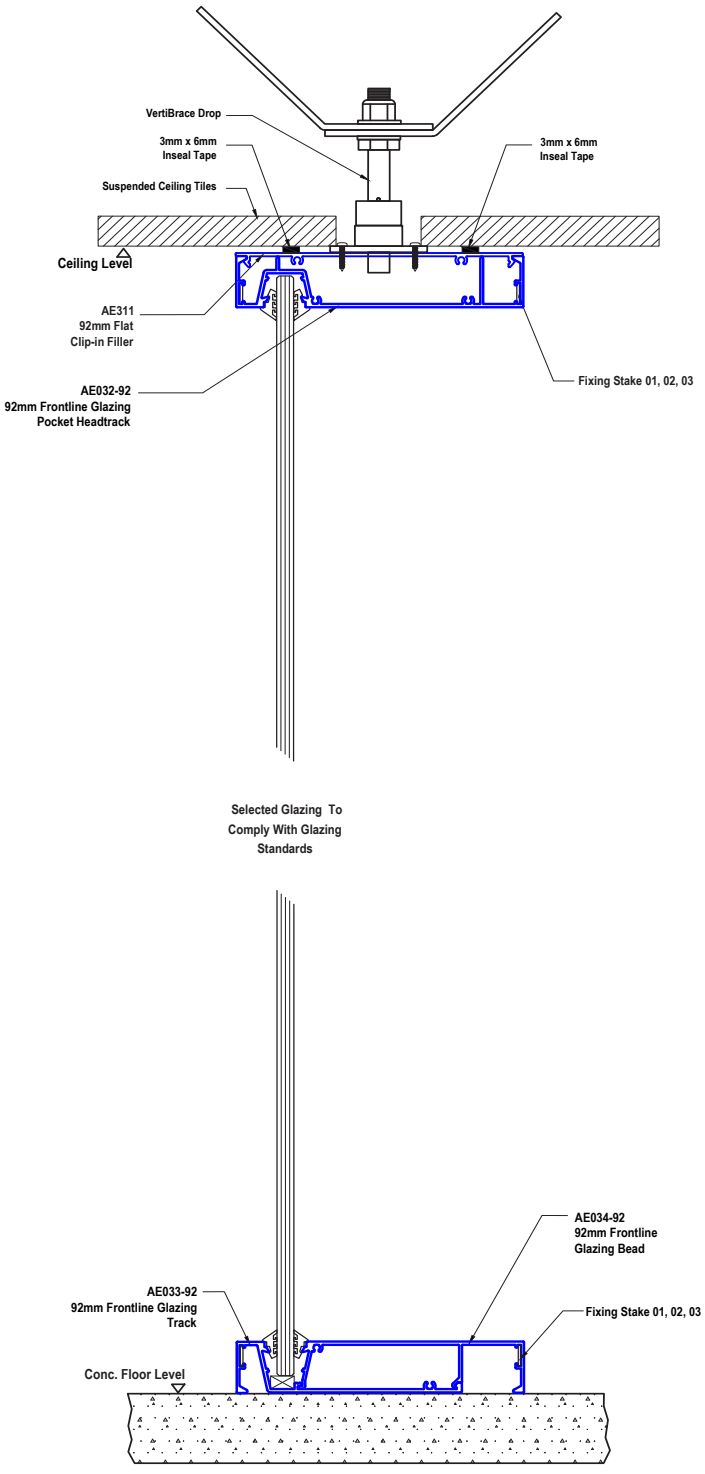


F92 - 03

92mm Frontline Glazing and Plasterboard Wall Section

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

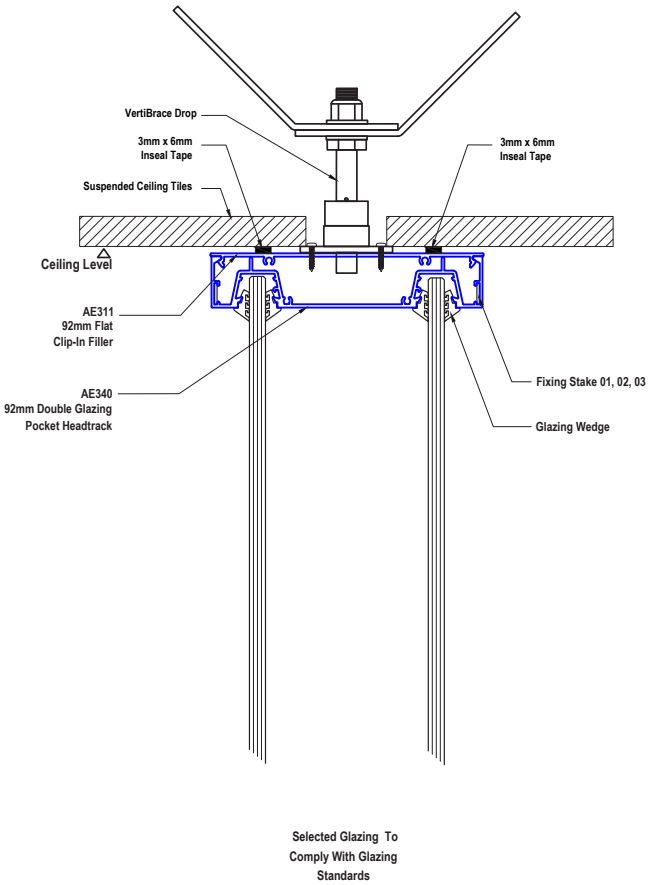


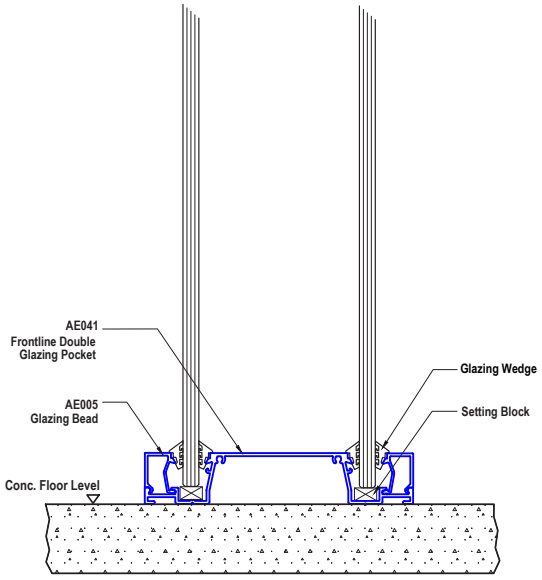
F92 - 04

92mm Frontline Glazing

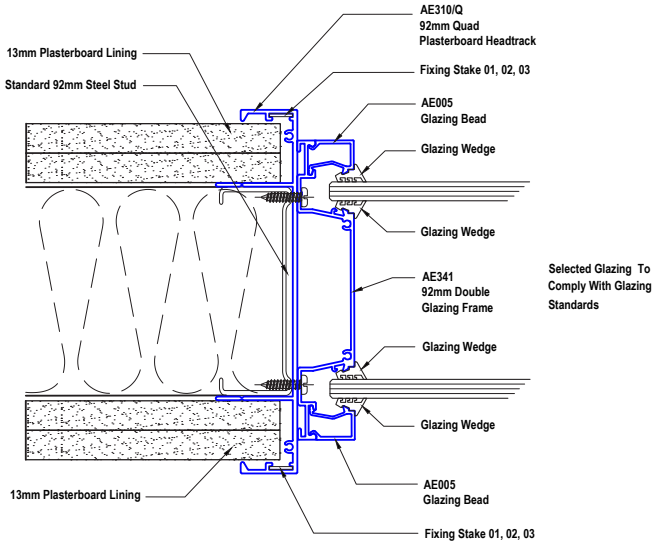
Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

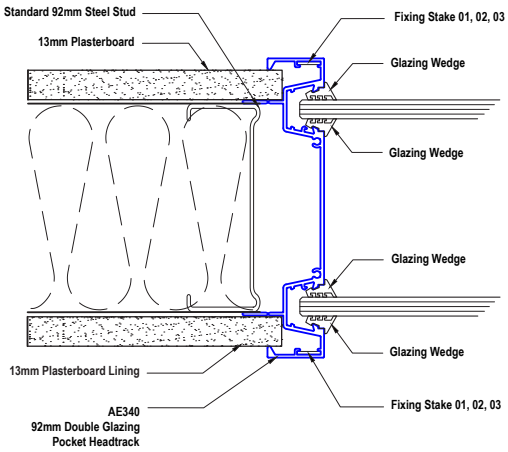
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

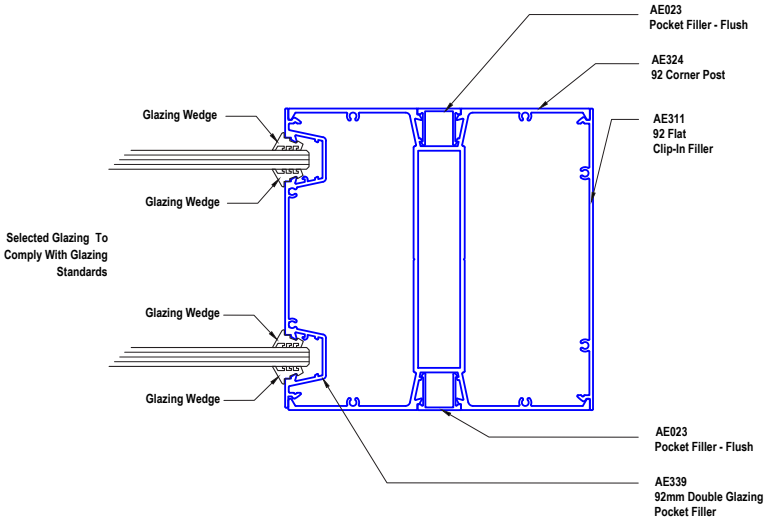




F92 - 05
92mm Double Glazing





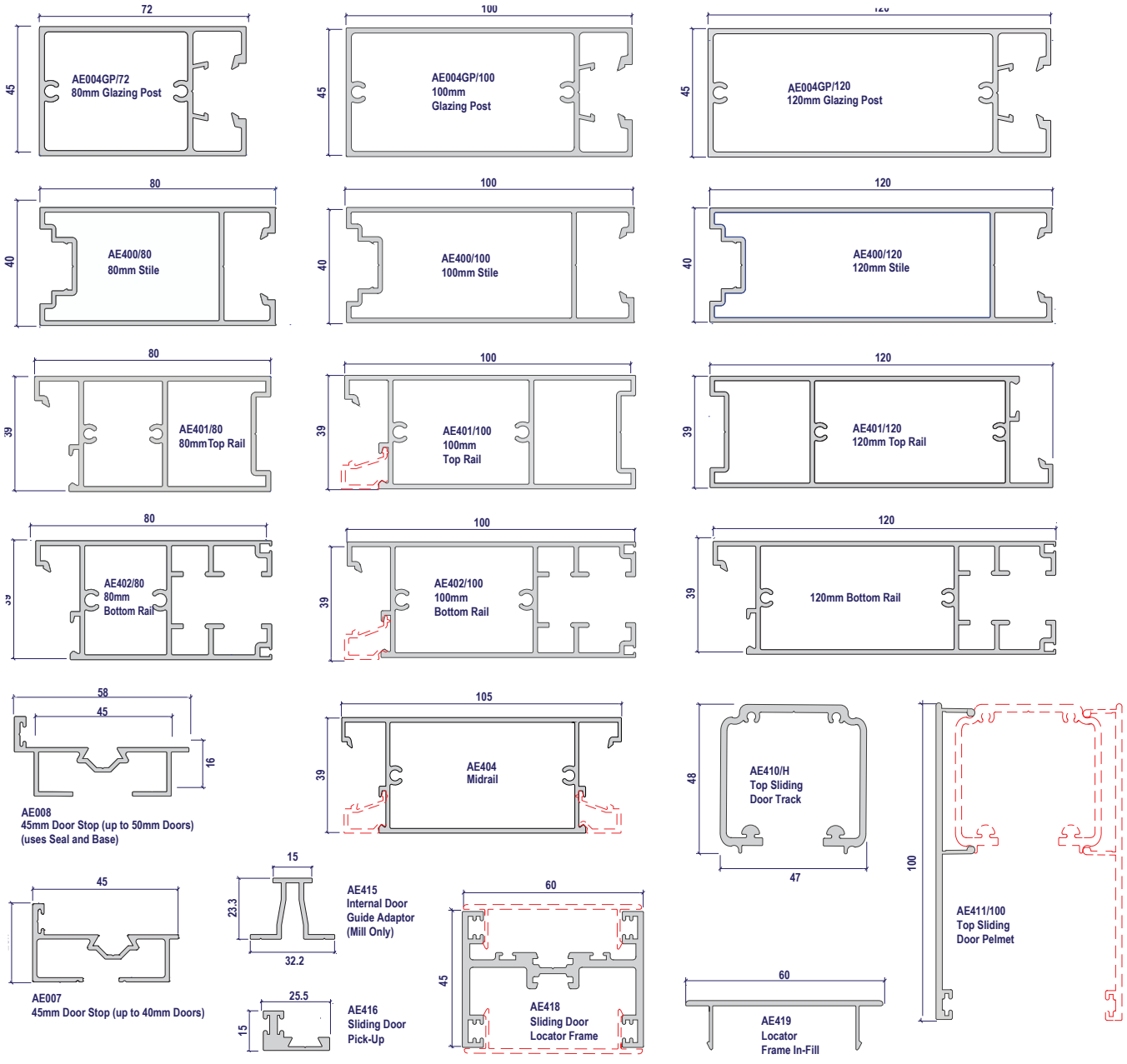


F92 - 06
92mm Double Glazing/ Corner Post Plan

Fixing Stake 1: Straight horizontal and vertical connection. Fixing Stake 2: Vertical joint connection. Fixing Stake 3: Horizontal or Butt Joint connection.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

Eclipse Aluminium Door Suite



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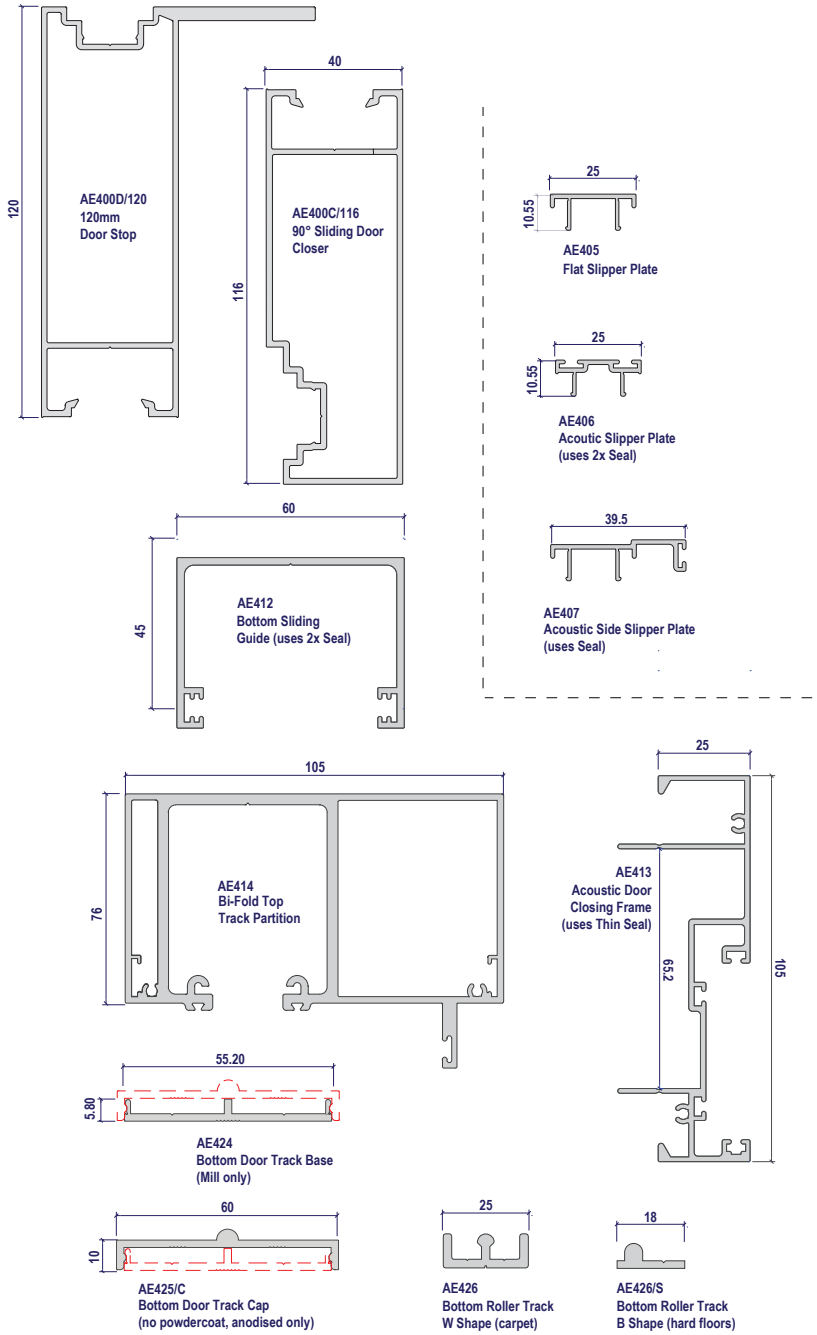

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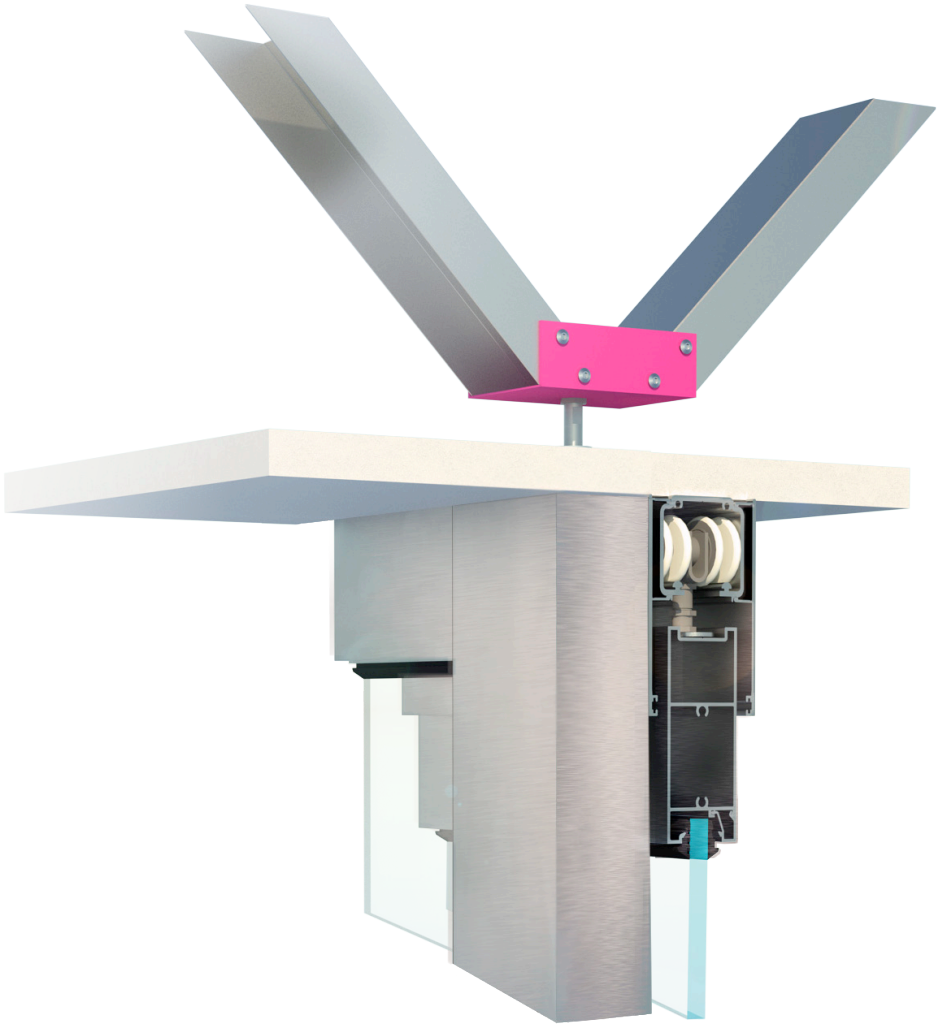

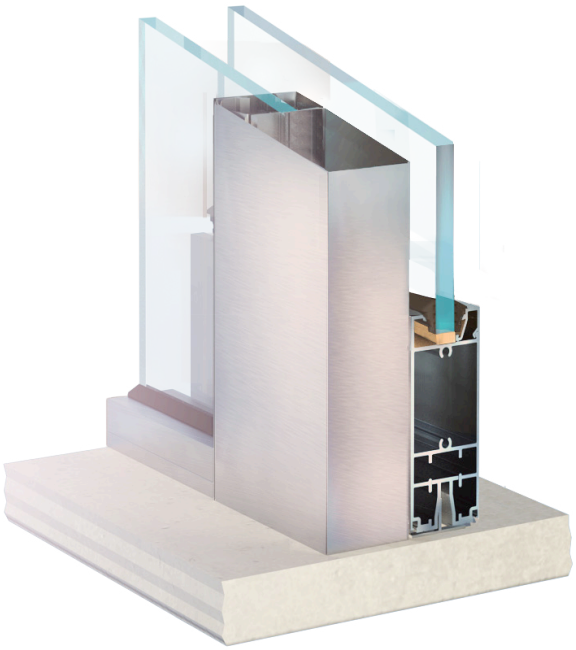

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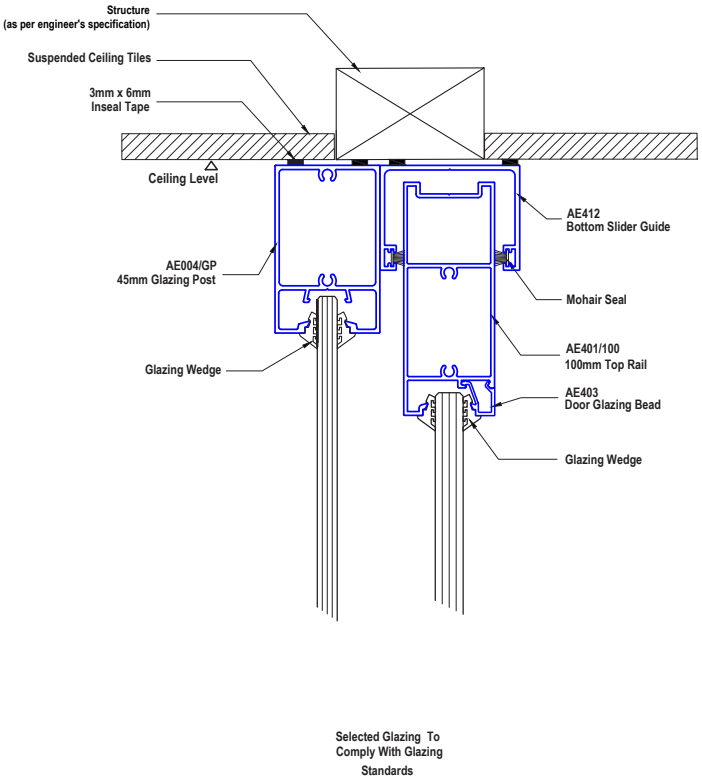
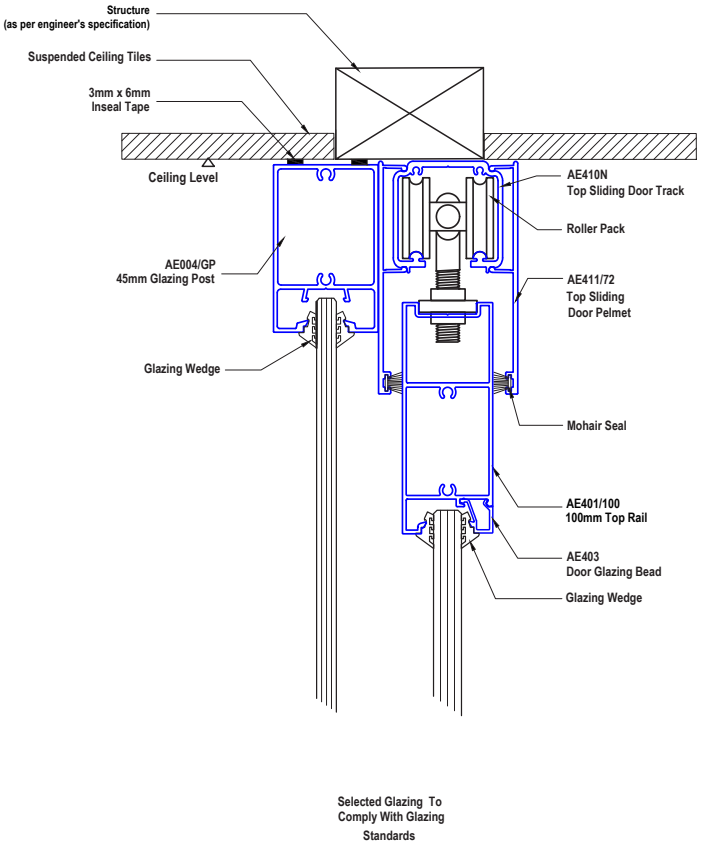
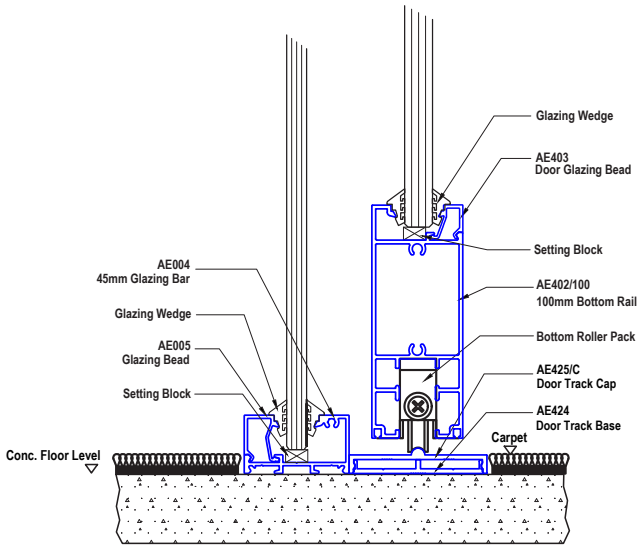
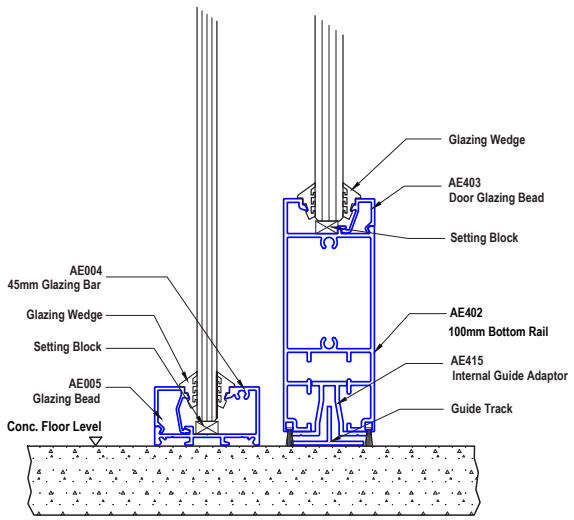






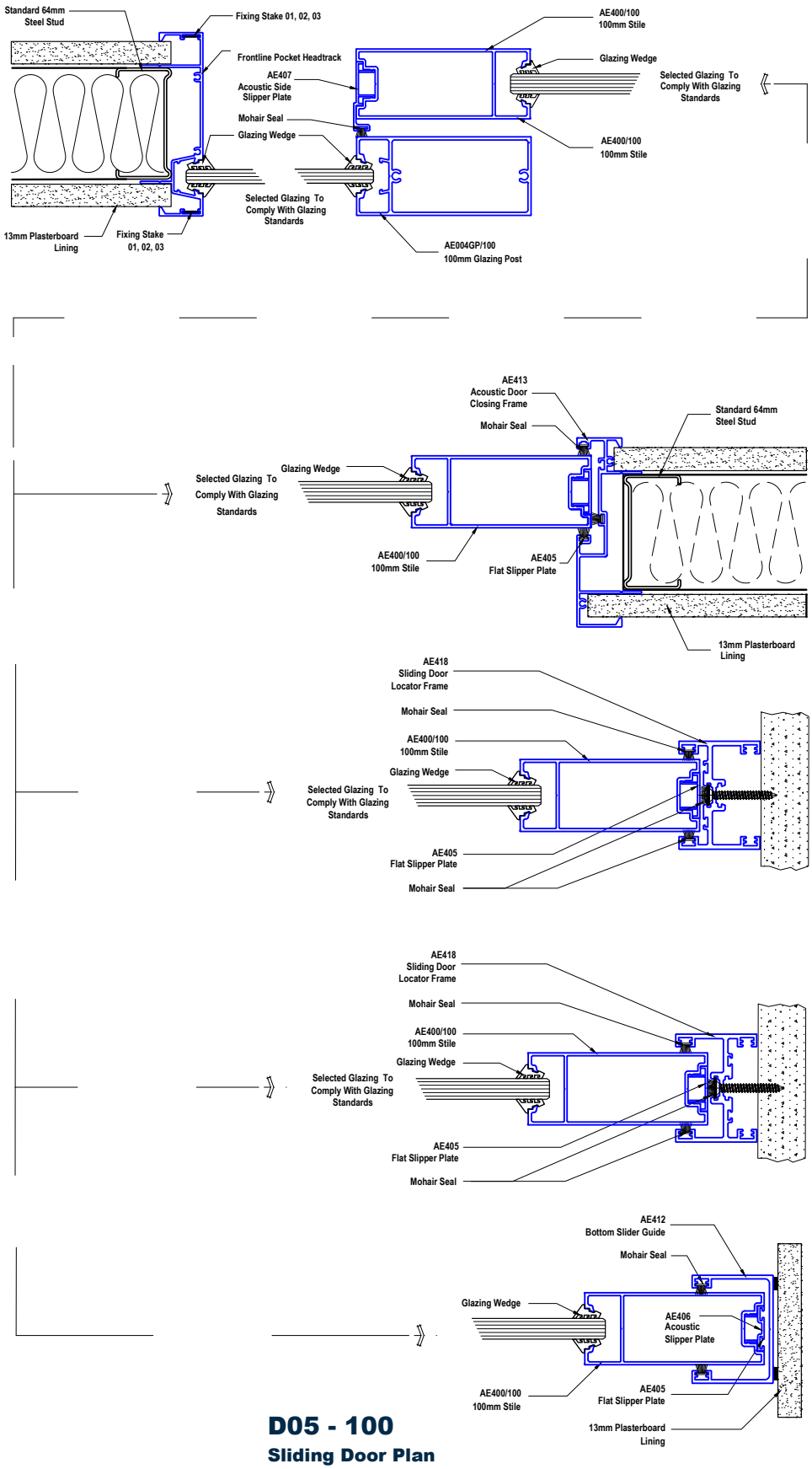
D03 - 100
Bottom Rolled Sliding
Door Section



D04 - 100
Top Hung Sliding
Door Section

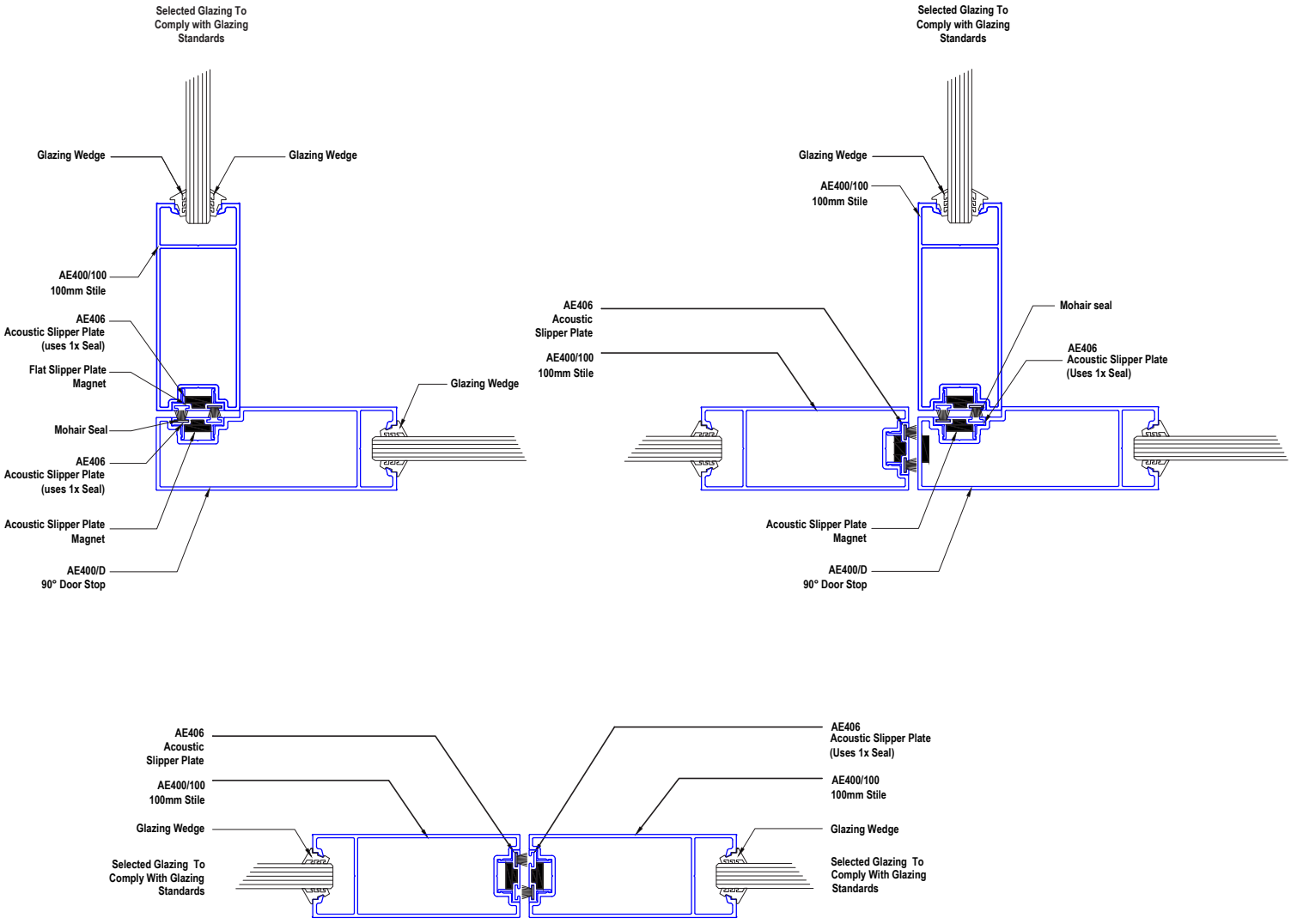
Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



D05 - 100
Sliding Door Plan

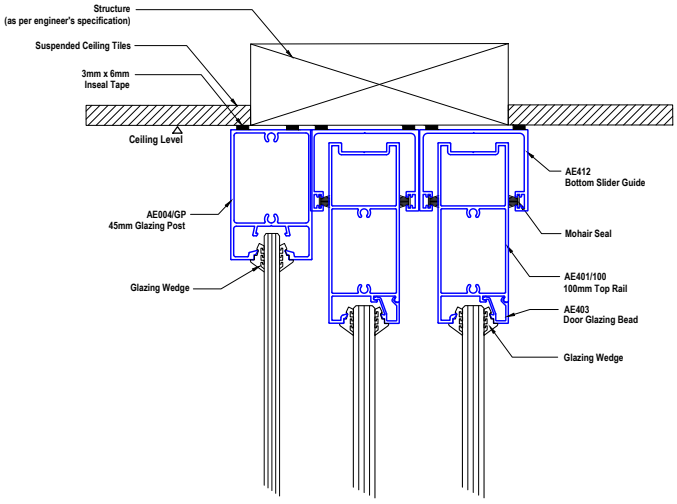
Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

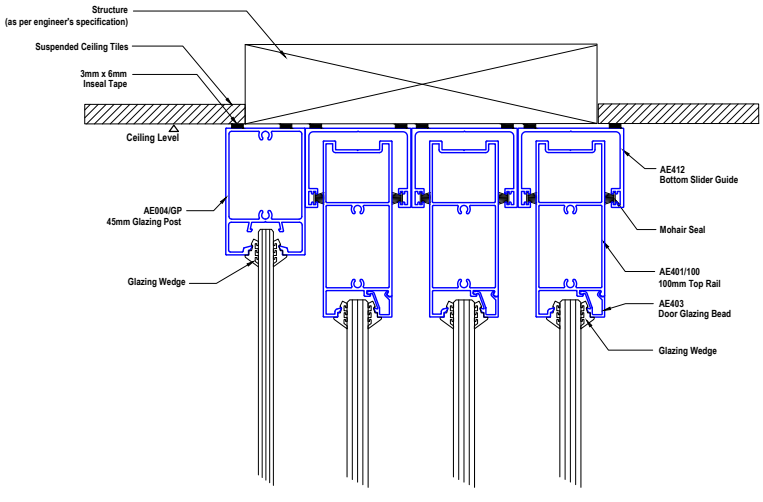


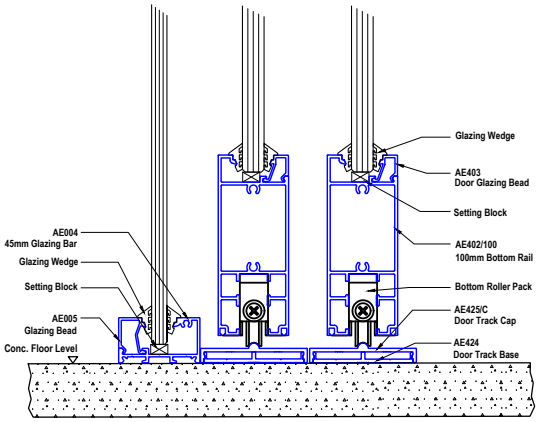
D05 - 100
Sliding Door Plan

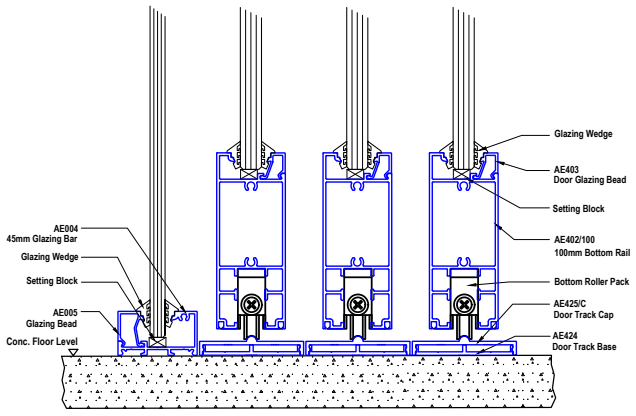
Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ









D06 - 100

Double Bottom Rolled Door Section

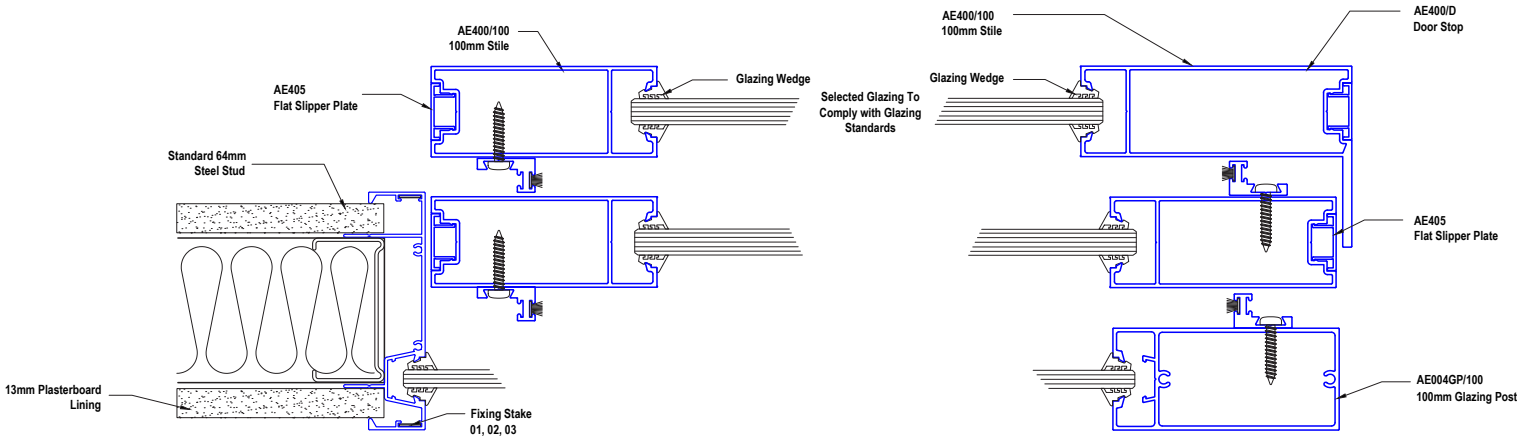
D06(T) - 100

Triple Bottom Rolled Door Section

Quad also available.

Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.

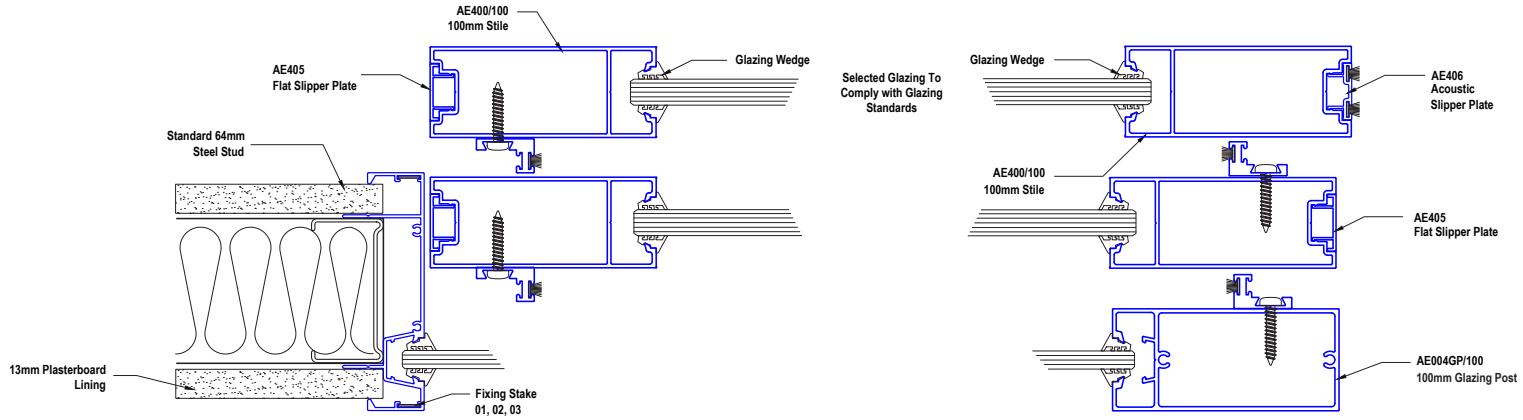
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ



D07 - 100 A

Double Sliding Door Plans

See .DWG detail for closed door drawing.



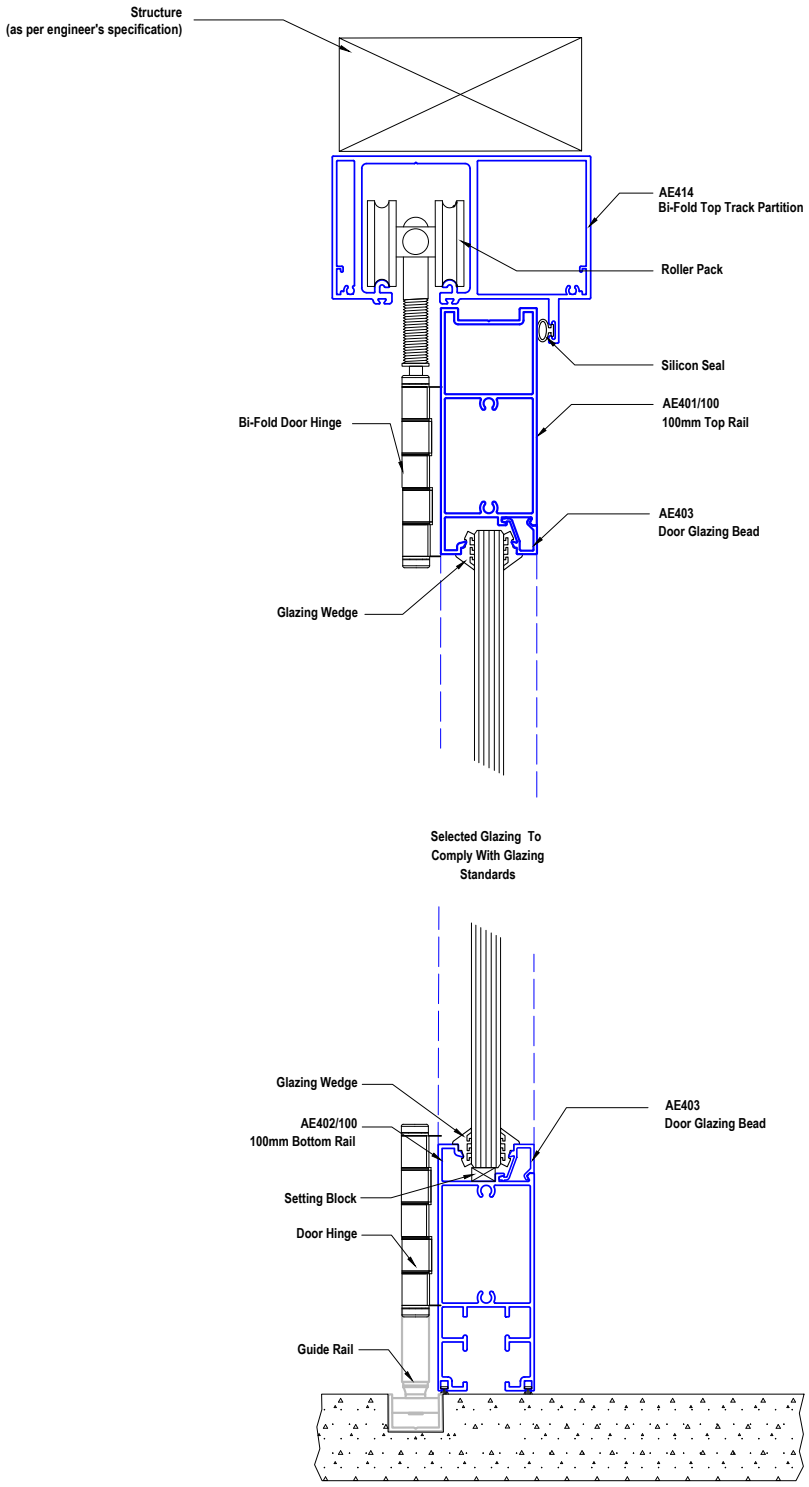
D07 - 100 B

Double Sliding Door Plans

See .DWG detail for closed door drawing.

Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.

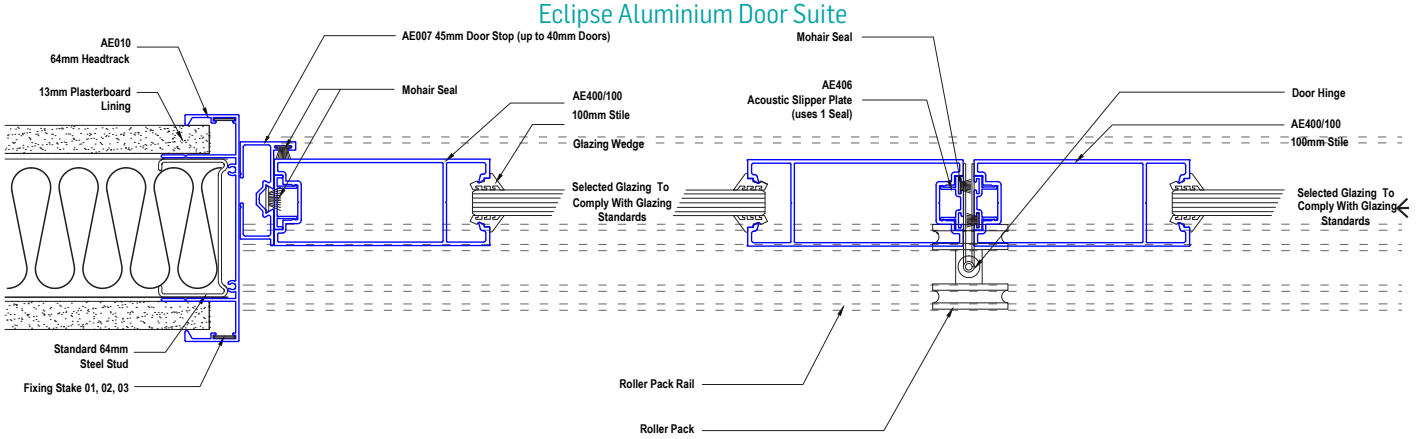
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ

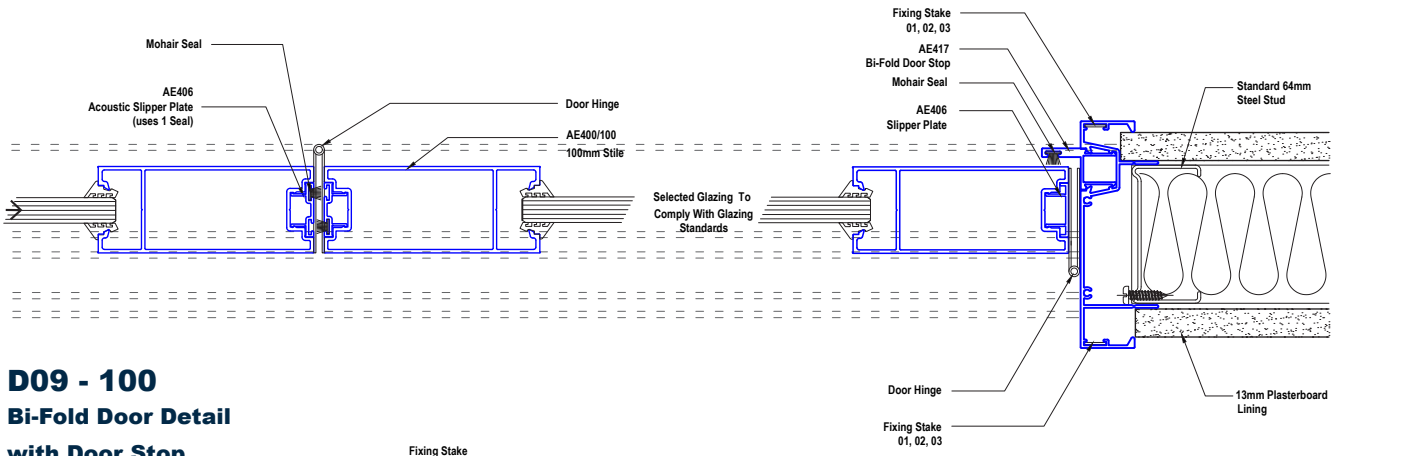


D08 - 100
Bi-Fold Door Section

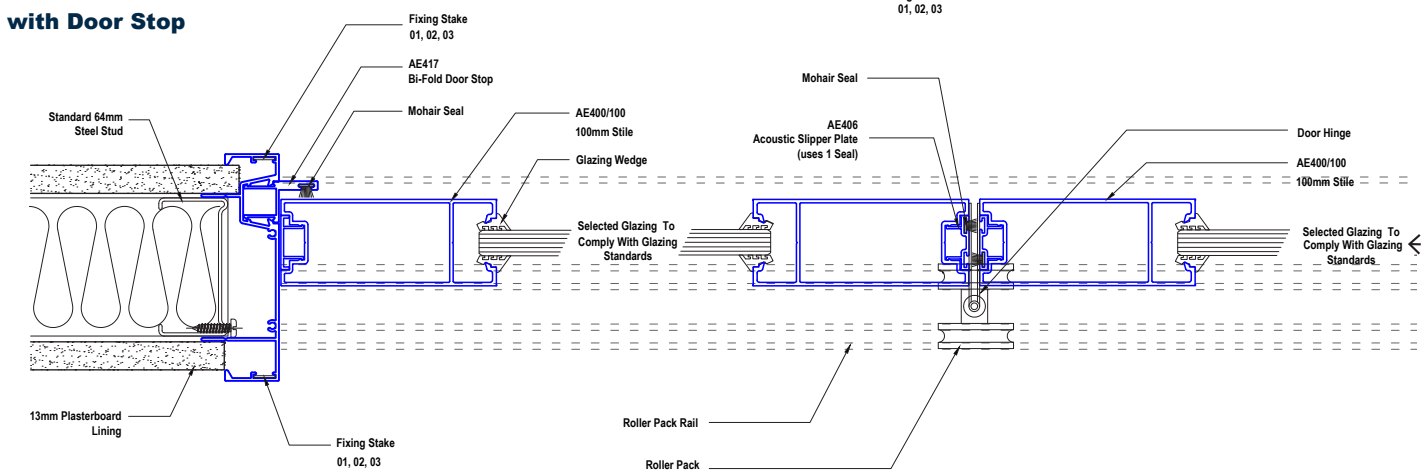
Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.

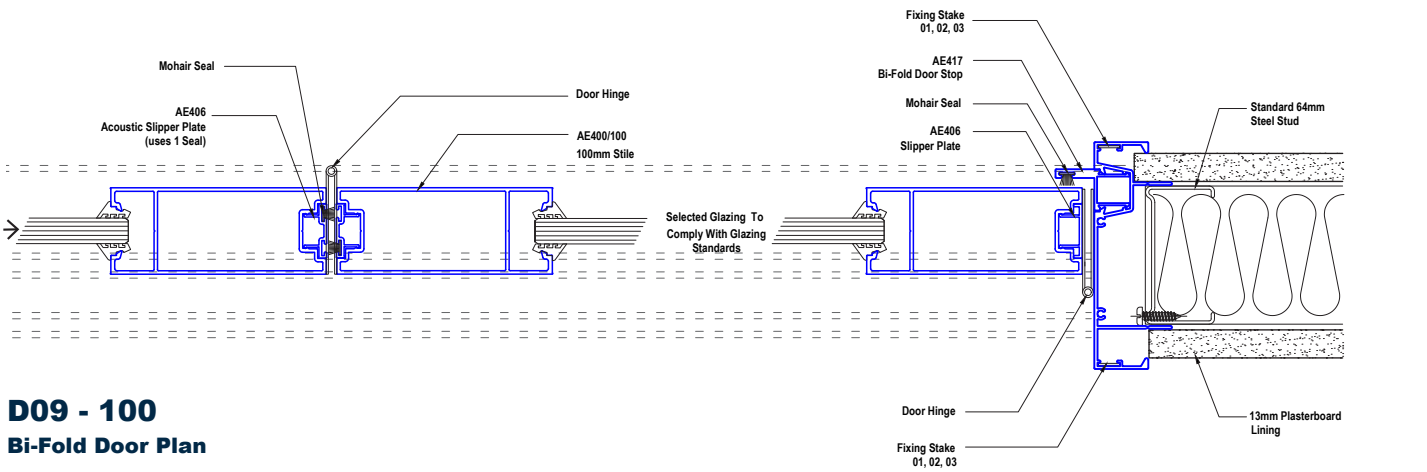
NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ





D09 - 100
Bi-Fold Door Detail with Door Stop

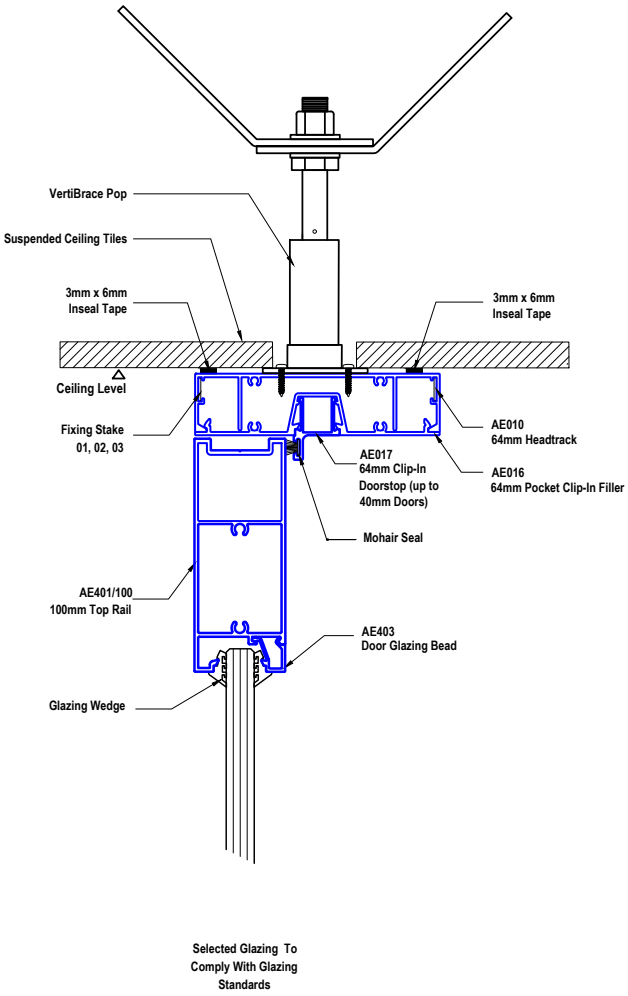


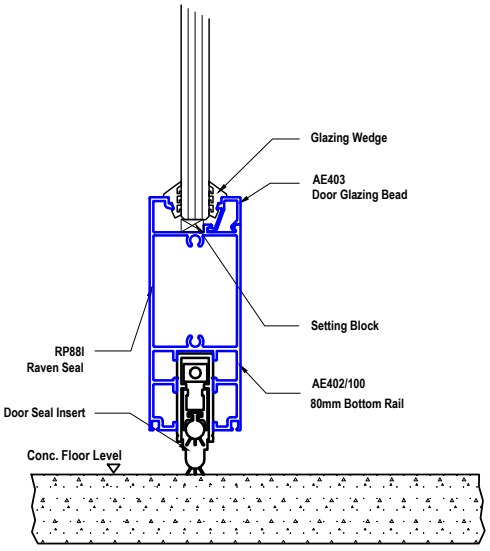


D09 - 100
Bi-Fold Door Plan

Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.

NOT TO SCALE. REFER DIMENSIONED PROFILES OR DOWNLOAD THE .DWG FILES FROM WWW.TRIS.CO.NZ





D10 - 100

Single Hinged Door Section

(See also: 64mm, 92mm Suite)

Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.

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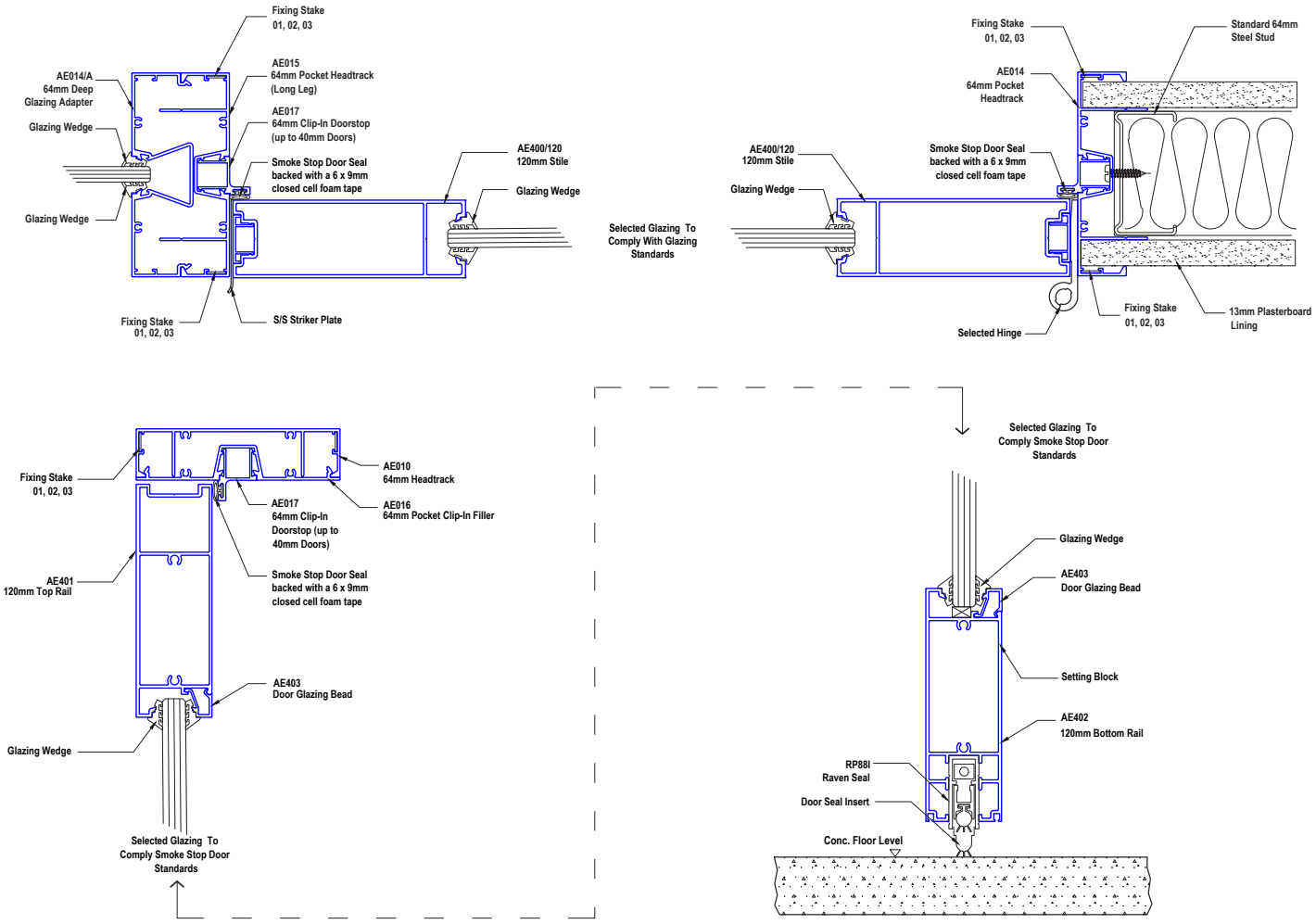

D11 - 120
Smoke Stop Door

Smoke Stop Door - Hardware Table

Door stile and rails	Eclipse 120 mm door suite
Door frame	Eclipse 45 mm
Door latch	Windsor, Astron, Futura
Glass	10.76mm laminated glass
Dropdown seal	Raven RP8 SI
Perimeter seal	Schlegel QL 69800
Perimeter seal	Inseal 3109 6 x 9mm closed cell foam tape
Door closer	Lockwood 724SIL
Door size	0.890 x 2.255 m
Door perimeter clearance	Stiles, 3mm head rail 5mm, bottom rail 10mm

Tested in accordance with AS/NZS 1530.7:1998.
Please note: Tested system is for 120mm door only.

Please Note: All doors available with 80mm, 100mm and 120mm stiles. See details online.
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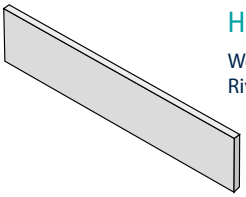
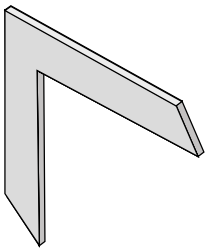
Eclipse Aluminium Accessories



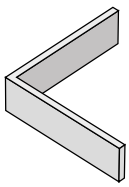
Headtrack Straight Stake 01

Works in all standard headsections.
Rivets are used to secure it.



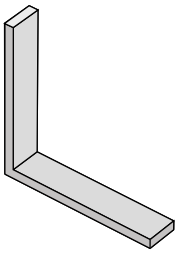
Headtrack Vertical Stake 02

Used in headsections and when creating a mitre that turns up or down.



Headtrack Horizontal Stake 03

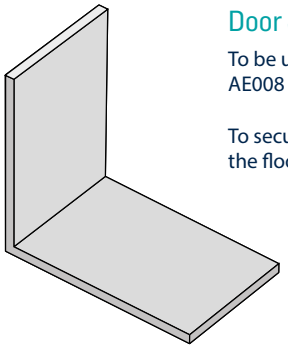
Used within aluminium suite headtracks.



Glazing Stake 04

Used to hold the junction of the butt joint. 2 rivets should be used in each leg to stop twist.

Note: This impedes on the glass cover, but there are no other options.



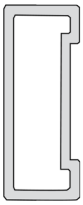
Door Jamb Stake 05

To be used with AE007/ 45mm Suite AE008 Door Jamb.

To secure any other large box like section to the floor.

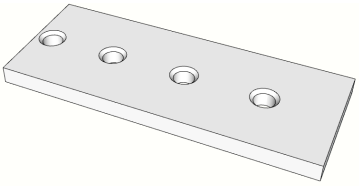
Required Fixings

- Wafer 10-16 x 16 Flat Philips S/Drill Zinc
- 8G X 20 CSK #2 Square S/S Self tapping

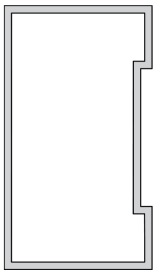


Stick-On Glazing Mullion

AE002/D



Universal Fixing Pack (for doors)



Stick-On Glazing Mullion

AE002

Mohair Seals

AASBB : Base (black) 12mm: Wider seal required for AE007 & 008.

AASSB : Seal (black) 8mm: Required for the AE007 & 008 and the clip-in AE017/018/317/318.

AASTB : Thin profile 4.5mm: Used in the bottom of the door rails, both 80mm and 120mm (AE402/80 & AE402).

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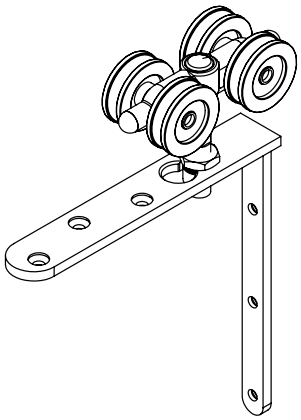
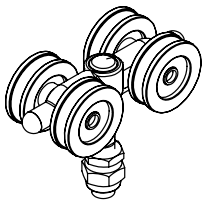


No. 52GN
HANGER



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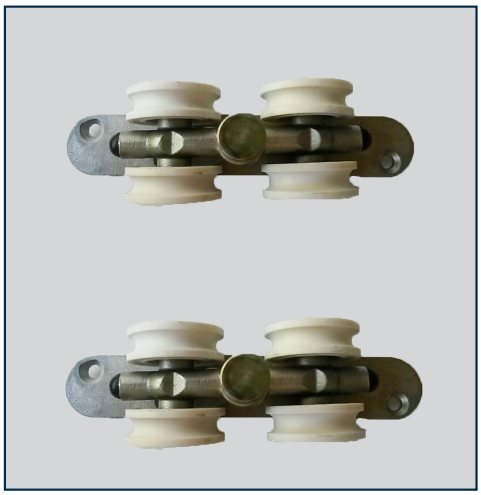

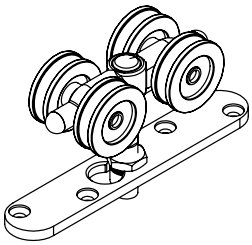

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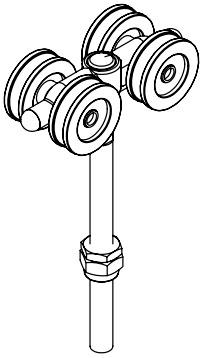

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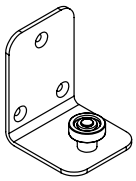
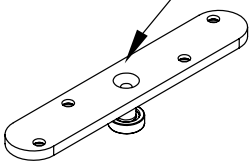


No. 102W/94SS
GUIDE



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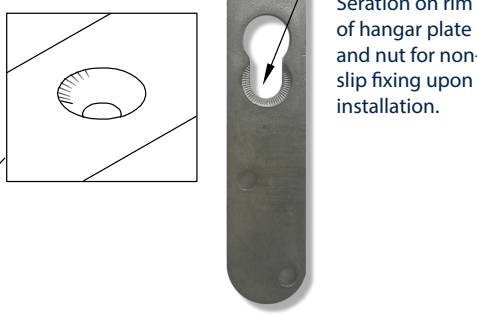

Parts Shown in Function

AE410N - Top Sliding Door Track
AE401 - 120mm Top Rail
57GN - Brio Roller

Panel Specification

Track System:	**Single Run 180**
For Individual Panels:	
Max Panel Height	3000mm
Max Panel Weight	180kg
Min Panel Thickness	35mm

BRIO
Code 57GN
Decription Hanger 180k - TOP EDGE FIX

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Aluminium Door Requirements

BOTTOM HUNG	PROFILE	80MM	100MM	120MM	PIECES	NOTES
	Top Rail	401/80	401/100	401/120	1	
	Glazing Bead	403	403	403	2	
	Slider Guide	412	412	412	1	
	Stile	400/80	400/100	400/120	2	
	Acoustic Side Slipper	407	407	407	1	
	Acoustic Slipper	406	406	406	1	
	Bottom Rail	402/80	402/100	402/120	1	
	Bottom Rollers				2	Two wheels per leaf
	Glaze Stake				4	
	Fixing Chanels				4	One in each corner
	Floor Roller Track				1	Does not get powdercoated
	Door Pick-Up	416	416	416	1 per door	More than one slider requires a pick-up per each leaf. You cannot have more than two sliders on a top hung door system as the guide adapters will become trip hazards
TOP HUNG	**PROFILE**	**80MM**	**100MM**	**120MM**	**PIECES**	**NOTES**
	Top Rail	401/80	401/100	401/120	1	
	Bottom Rail	402/80	402/100	402/120	1	This is to fit internal floor guide
	Glazing Bead	403	403	403	2	Doors need two glazing beads
	Top Slider Track	410	410	410	1	Does not get powdercoated
	Stile	400/80	400/100	400/120	2	
	Acoustic Side Slipper	407	407	407	1	
	Acoustic Slipper	406	406	406	1	
	Top Pelmet	411	411	411	2	
	Top Rollers				2	Two wheels per leaf
	Glaze Stake				4	One in each corner
	Fixing Chanels				4	One in each corner
	Internal Guide	415	415	415		Does not get powdercoated
	Door Pick-Up	416	416	416	1 per door	More than one slider requires a pick-up per each leaf. You cannot have more than two sliders on a top hung door system as the guide adapters will become trip hazards
STANDARD CLOSER (LEAF)	**COMPONENT**	**80MM**	**100MM**	**120MM**	**PIECES**	**NOTES**
	Top Rail	401/80	401/100	401/120	2	One up top and one down bottom
	Glazing Bead	403	403	403	2	
	Stile	400/80	400/100	400/120	2	
	Flat Slipper	405	405	405	1	
	Glaze Stake				4	One in each corner
	Fixing Chanels				4	One in each corner
	Hinges				4	Top two close together
FRAMING		**45MM**	**64MM**	**92MM**	**PIECES**	**NOTES**
	Pocket Headtrack	007 or 008	014	314	3	This is very subjective and will differ from site to site
	Posts	AE003 AE004/GP/72				Use posts depending on your profile type i.e. 64mm or 92mm
	Clip-In Door Stop	N/A	017 or 018	317 or 318	3	

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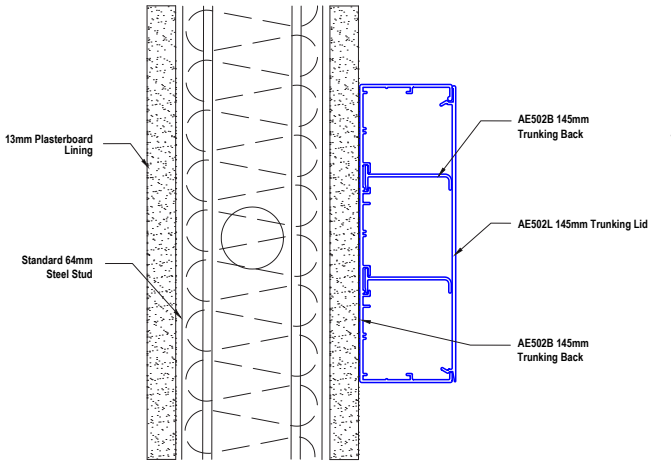
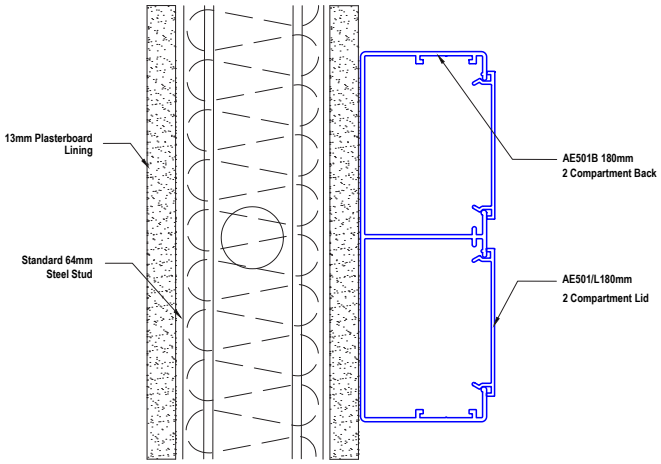
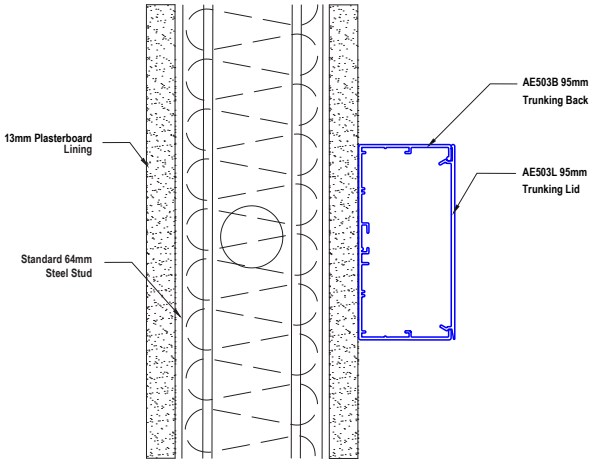
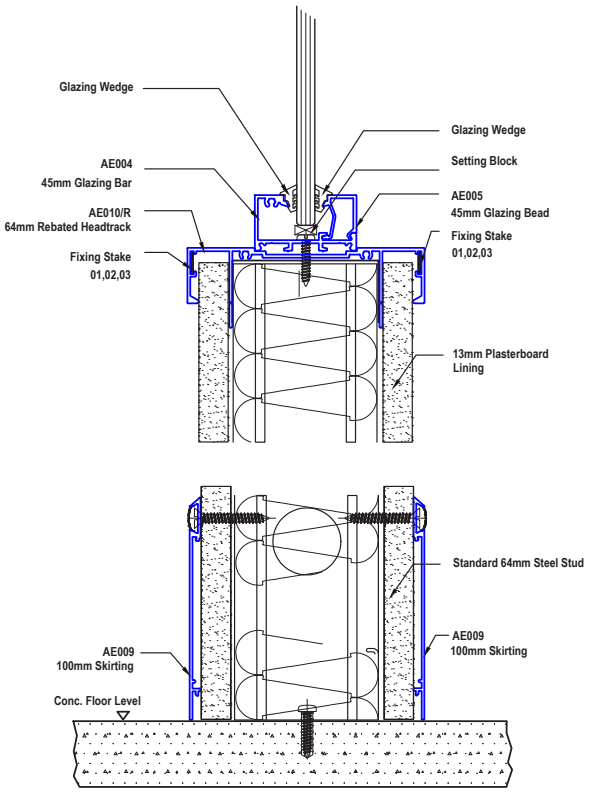






EA - 03
Trunking



EA - 04
Skirting

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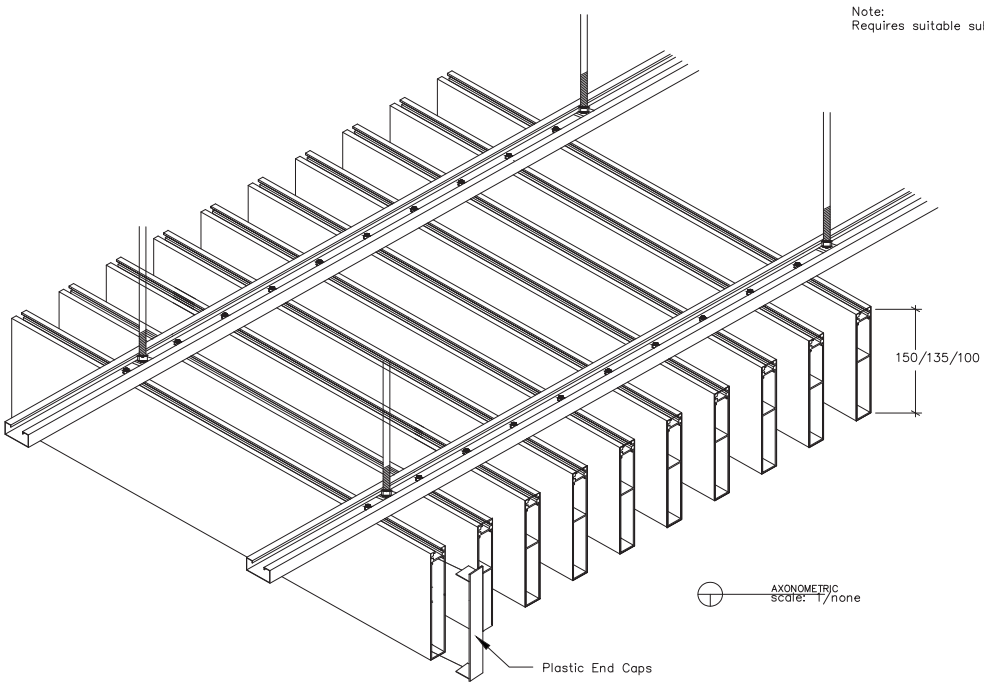
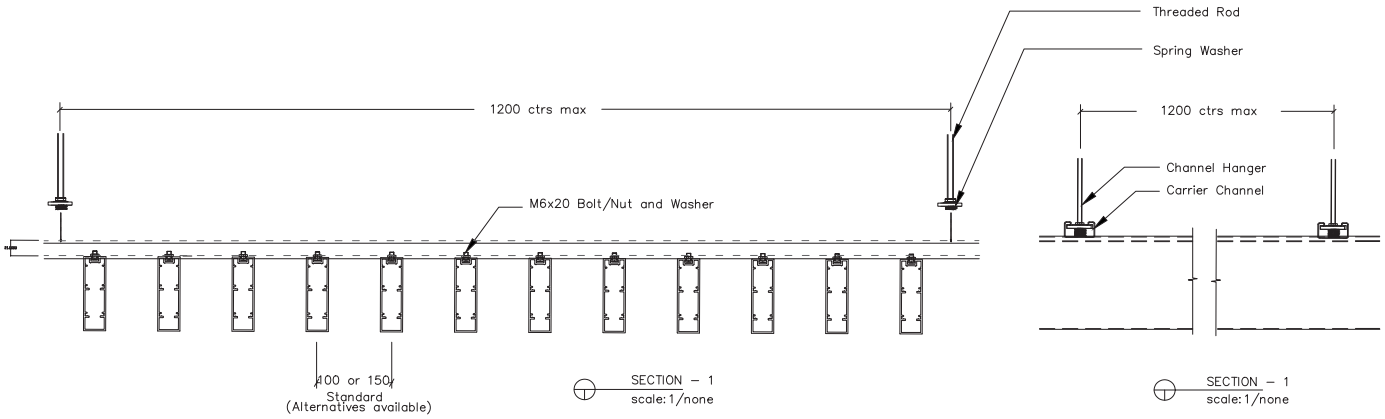
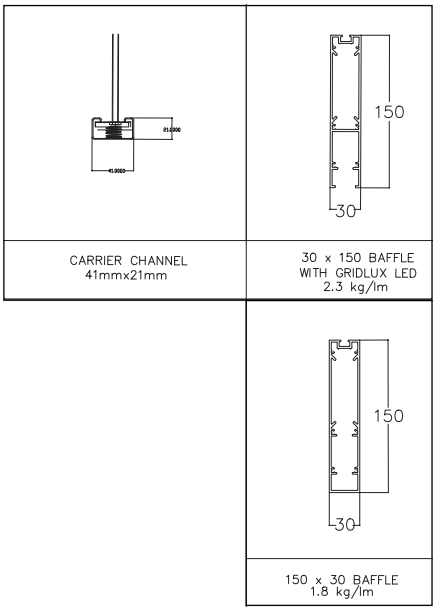
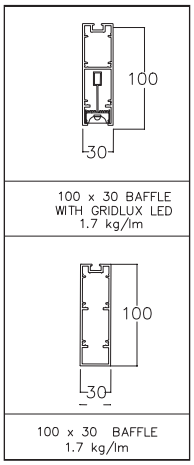
Eclipse Aluminium Baffle

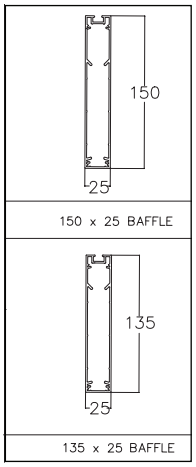
Eclipse Aluminium Baffle











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/t/ 04 499 5915

Auckland
19 - 21 Fairfax Ave,
Penrose, Auckland 1061
PO Box 112360,
Penrose, Auckland 1642
/t/ 09 571 0395

Christchurch
69 Disraeli St, Addington
Christchurch 8023
PO Box 7197
Christchurch 8240
/t/ 03 366 2507

www.tris.co.nz

info@tris.co.nz

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