

**Cascade
Sliding
Systems
Formulating
Character
and
Distinction**

Cascade Sliding Systems

The Cascade Sliding Door Series offer a range of cavities and sliding track systems designed for both the commercial and residential sectors.

Each system has been designed with careful precision, to ensure optimum performance in every application. Consideration has been made to ensure the installation process is simplified, with the finished result complimenting the environment.

Cavities can be made in exceptional turn-around time to suit your particular specifications or requirements.

Take a look inside and discover the 'formulation of character and distinction'.

- 1 Introduction
- 2 Artesian
- 4 Tanaro
- 6 Glacier Frameless
- 8 Campaspe
- 10 Niagara
- 12 Panama
- 14 Atlantic
- 16 Atlantic Bi-Fold
- 18 Atlantic Overtaking
- 20 Amazon
- 22 Miami
- 24 Specifications
- 37 Formulas



Artesian

Formulating character and distinction.

Designed for commercial and architectural applications, the aluminium reveals and pelmets boast a consistent 35mm outline, matching the dimension of the Platinum partitioning suite. Uniquely designed to ensure quick installation and easy adjustment of the roller system with removable pelmets. The premium quality overhead rollers ensure a smooth rolling operation.

The Artesian cavity can also be used for both aluminium

framed glass doors and timber doors. The Artesian paves the way for numerous, innovative applications.

Features of Artesian

- Streamline aluminium reveals
- Suits aluminium and timber doors
- Weight capacity of 180kgs
- Accommodates 38-44mm thick doors
- Closing jamb to allow positive locking ability
- Corner application
- Available in a range of colour finishes





Tanaro

Formulating character and distinction.

A distinct contemporary cavity unit, with a flush-in finish, the Tanaro's clean lines provide an expansive atmosphere. This cavity will enhance the functionality of any office or residence. The aluminum track system boasts a 180kg door capacity. It also includes a set of steel finishing sections which ensure premium results and further add to the durability of the unit.

Available with a range of design options:

Flush head detail is designed to allow the underside of the track to finish flush with the ceiling, providing a smooth continuous flow from room to room. It offers a square set finish around the perimeter of the frame presenting a seamless transition throughout living areas.

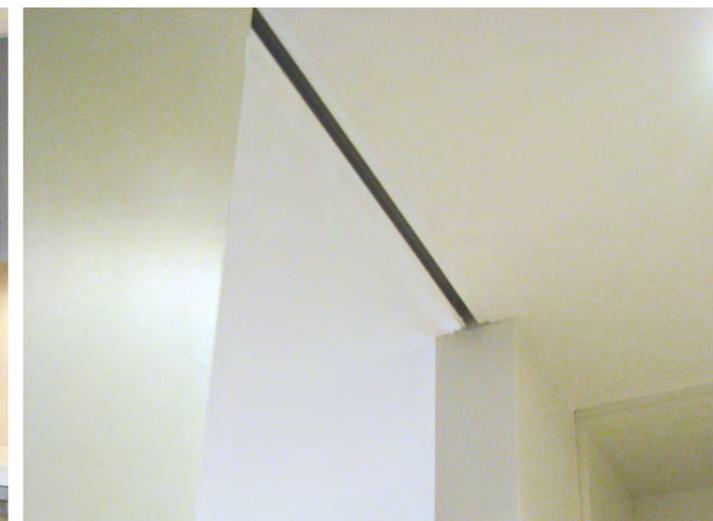
Pelmet head detail conceals stems of roller assembly and provides additional access to rollers.

Telescopic door system increases its ability to have a wider opening using either a double or triple overtaking system.

Acoustic possibilities can be gained through the use of seals and acoustic panels to structure of cavity.

Features of Tanaro

- Manufactured to suit 35, 38 and 44mm doors
- To suit 90 & 92mm studs
- Provides a wide range of design options
- Engineered roller system





Glacier Frameless

Formulating character and distinction.

The Glacier Frameless is a sleek, sophisticated cavity unit, featuring an engineered, twin roller system with a weight capacity of up to 180kg. This cavity creates a spacious feel and is ideal for retaining a sensation of expanse while providing acoustic possibilities.

The flush head detail allows the ceiling to finish flush with the base of the track providing a smooth continuous flow from room to room. Also available with a concealed carrier detail allowing the rail to be hidden inside the head of the cavity effectively allowing the frameless door to project out of a small opening in the wall.

Features of Glacier Frameless

- Manufactured to suit a wide range of glass thicknesses
- Option for acoustic seals
- Flush head design





Campaspe

Formulating character and distinction.

The Campaspe commercial grade cavity door unit can be incorporated into any internal home or office situation. This cavity is ideal for door applications where doors are smaller and more lightweight. The wheel carriage facilitates a smooth slide action as well as incorporating a quick release hanger system which simplifies installation and servicing.

The medium duty track has a load capacity of up to 75kg and allows for doors up to 1500mm wide.

- Features of Campaspe**
- Quick release roller carriages
 - Door thickness 30-40mm
 - Weight capacity of up to 75kg
 - Manufactured to suit 90 or 92mm stud





Niagara

Formulating character and distinction.

The Niagara sliding door system simplifies a complex task. Featuring a removable pelmet, this ensures easy access to rollers. The aluminum comes in a vast array of prefinished colours and a neat fitting end cap.

This heavy duty track system is one of the most reliable and hard wearing systems available. It is being used extensively throughout corporate fit outs because of its ability to accommodate a range of doors. With the roller assembly boasting smooth, ball bearing wheels that can take up to 250kg – you can be assured it will suit all your requirements.

- Features of Niagara**
- Removable pelmet for easy access of Roller Assemblies
 - End Cap for neat finish
 - Capacity of up to 250kg
 - Smooth and reliable
 - Easy to install
 - Comes in prefinished colours
 - Door thickness of 44mm





Panama

Formulating character and distinction.

The unique Panama track provides a retro look for the modern fit out. The exposed stainless rail is popular in residential, commercial and heavy use industrial areas. Not only is it renowned for its distinctive appearance, it supports doors up to 200kg.

- Features of Panama**
- Anti-jump roller design
 - Engineered bearing system
 - Suits timber and aluminium doors
 - 200kg weight capacity





Atlantic

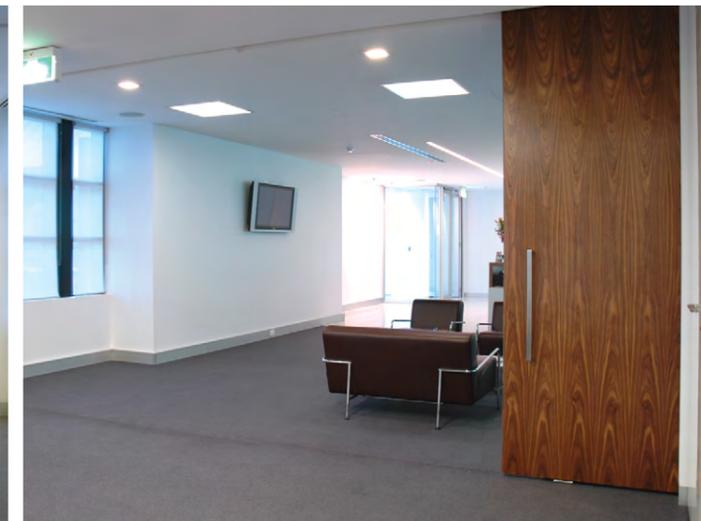
Formulating character and distinction.

This all purpose sliding track system is available in a range of finishes and suits a wide variety of applications. The Atlantic track can be used as a visible feature, concealed in ceiling space or hidden using pelmets of your choice. This system provides endless design opportunities.

An engineered track system and ball bearing rollers ensures a smooth and consistent operation whilst maintaining doors of up to 180kg.

Features of Atlantic

- Smooth action
- Wide range of associated guides, rollers and stops
- Available in a range of finishes
- Suits a wide range of door types and applications





Atlantic Bi-Fold

Formulating character and distinction.

Atlantic Bi-Fold system is designed for both residential and commercial applications. Ideal for large openings creating more usable space to your internal areas.

Features of Atlantic Bi-Fold:

- Simple and easy to use
- Range of locking solutions
- Wide range of sizes and finishes
- Commercial and residential applications
- Inward/Outward opening applications
- Non Morticed Hinges
- Suitable for equal or unequal number of doors

- Suits both timber or Aluminium Doors
- Engineered rollers with high speed precision bearing



Atlantic Overtaking

Formulating Character and Distinction

Overtaking Sliding Systems. Designed and engineered for smooth operation every time. Manufactured to suit your specific requirements, to order please specify;

- Opening size
- Number of doors
- Door type and
- Direction that the doors slide in

The Overtaking system is the perfect solution to open up and maximize your space. Features of the Overtaking Sliding System:

- Commercial and residential applications
- Suitable for both aluminium and timber doors
- Manufactured to suit a huge range of design opportunities. For example, corner units, T-intersection applications

- Engineered Rollers with high speed precision bearing

- Options for the opening finish:**
- Artesian detail - Aluminium split jamb, pelmets and closing jamb
 - Tanaro detail – square set plaster finish
 - Campaspe detail – no architrave supplied





Amazon

Formulating character and distinction.

The Amazon sliding track system is a floor mounted roller system, unique in its field. It features a concealed clip floor track design which overcomes the requirement for unsightly external fixings. Particularly ideal when structural support is not available from the ceiling – the weight is transferred directly to the floor.

Often used in overtaking application – for example four doors, allows a walk through opening of up to 4 times the width of where the doors store in open position.

Features of Amazon

- Overtaking options
- Simple installation
- Neat and shallow head guide
- Unique floor track design



Miami

Formulating character and distinction.

The Miami semi frameless counter window range is increasingly popular in eatery and reception areas. This series is designed to suit a variety of applications providing security and making openings more serviceable. Options for acoustic and weather seals are also available.

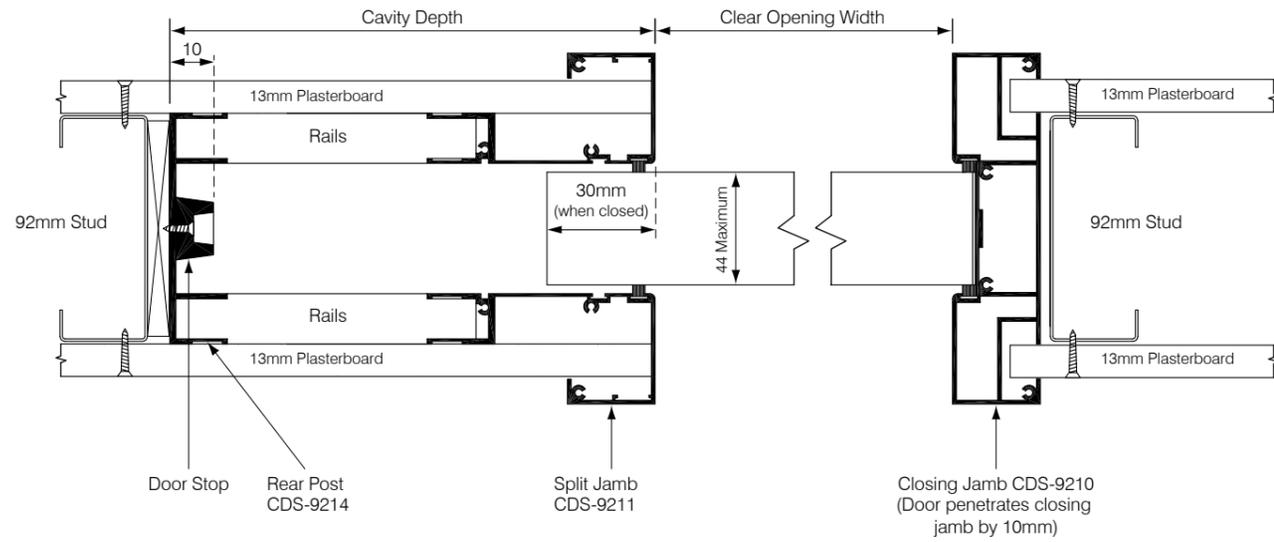
Features of Miami

- Lockable
- Smooth operation
- User friendly
- Available in a wide range of finishes



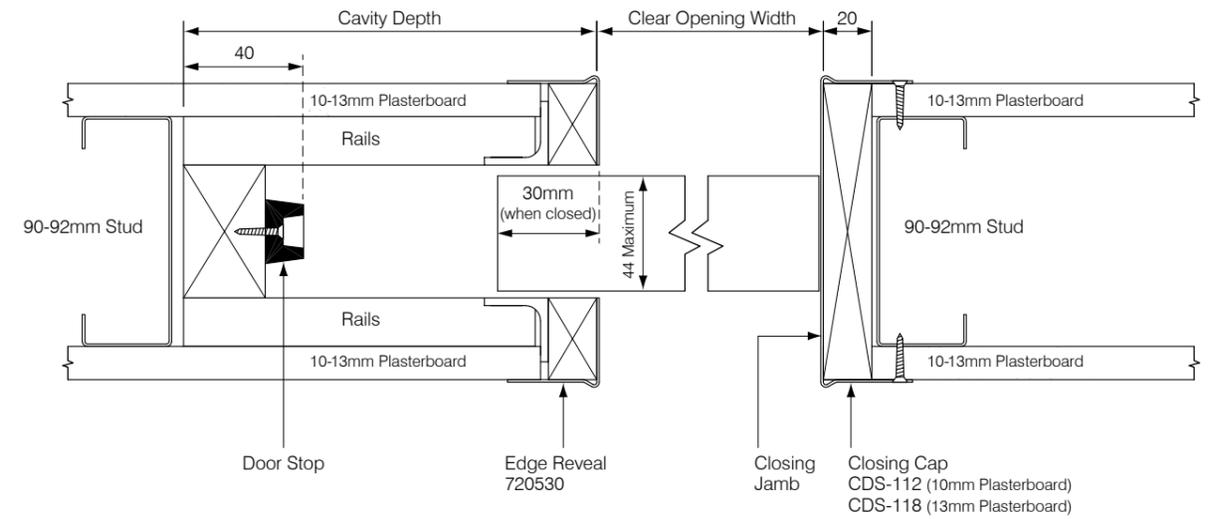
Artesian Specifications

To suit 92mm Studs / 13mm Plasterboard
Plan View

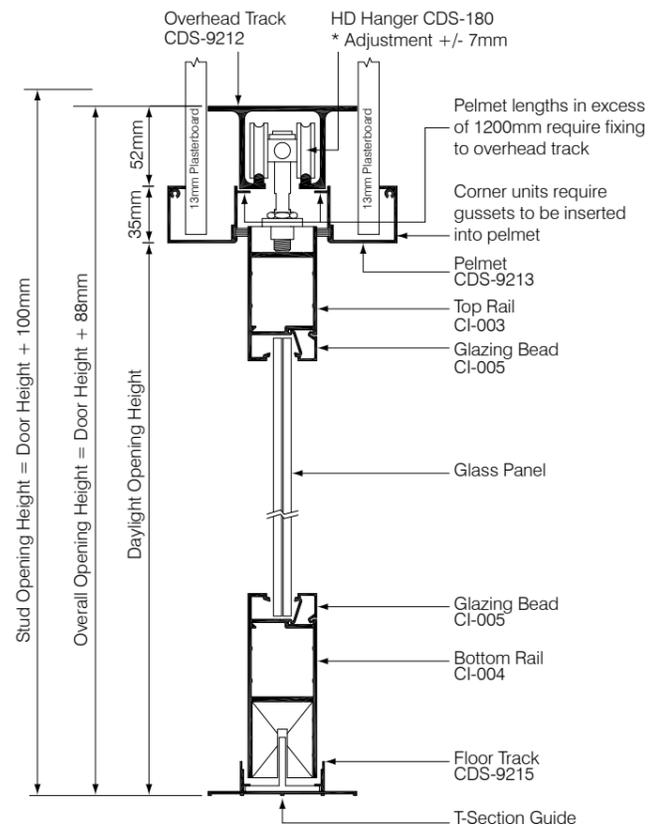


Tanaro Specifications

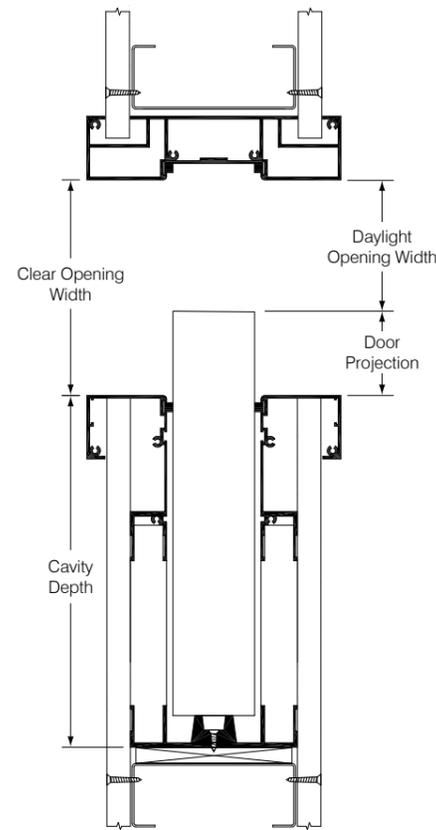
To suit 90-92mm studs / 10-13mm Plasterboard
Plan View



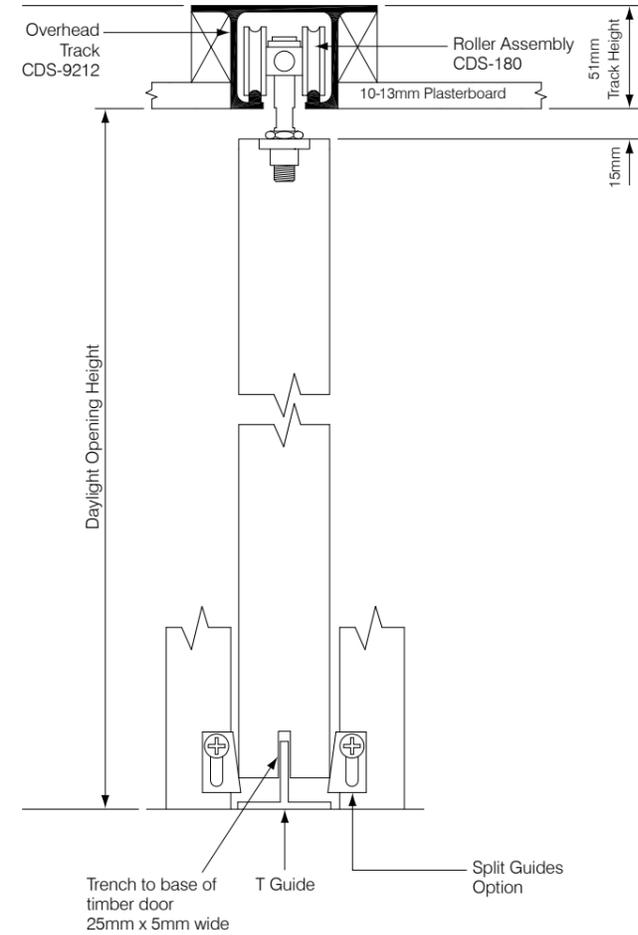
Elevation
See Formula Notes - Page 37



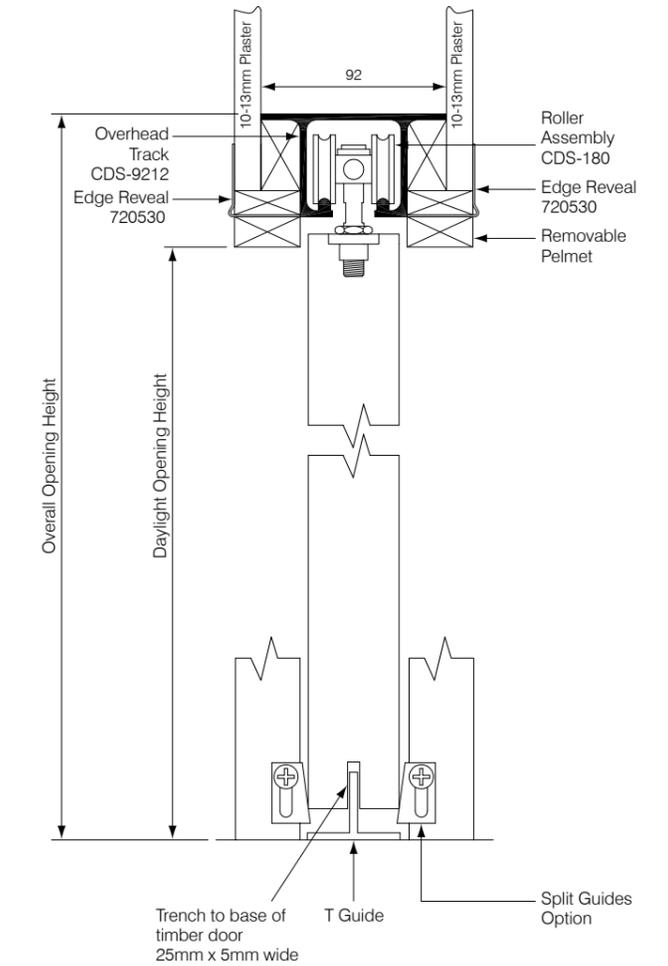
Door Projection Plan View
See Formula Notes - Page 37



Flush Head Detail
See Formula Notes - Page 37

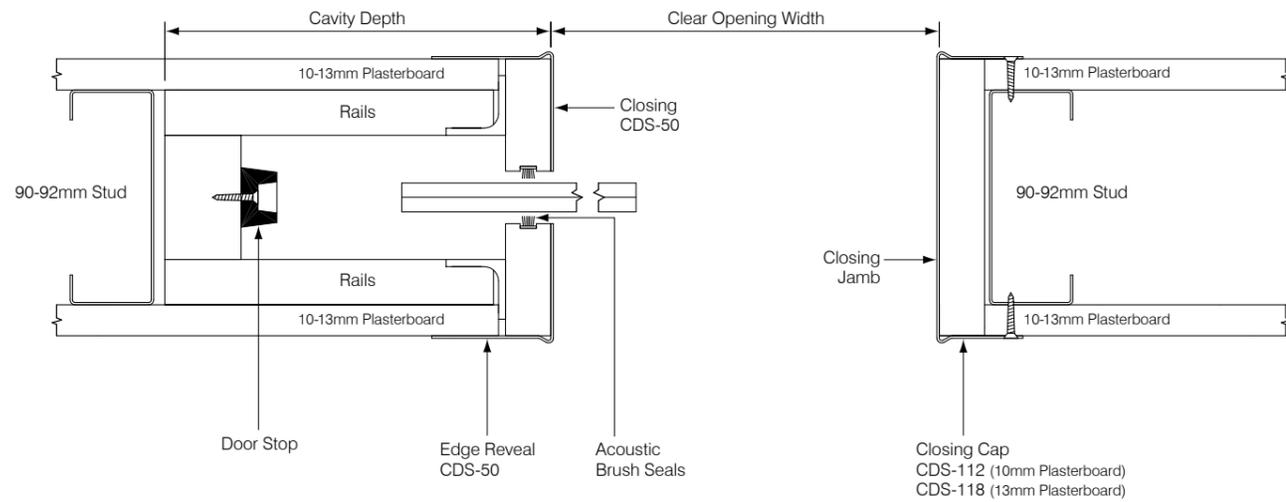


Pelmet Elevation
See Formula Notes - Page 37



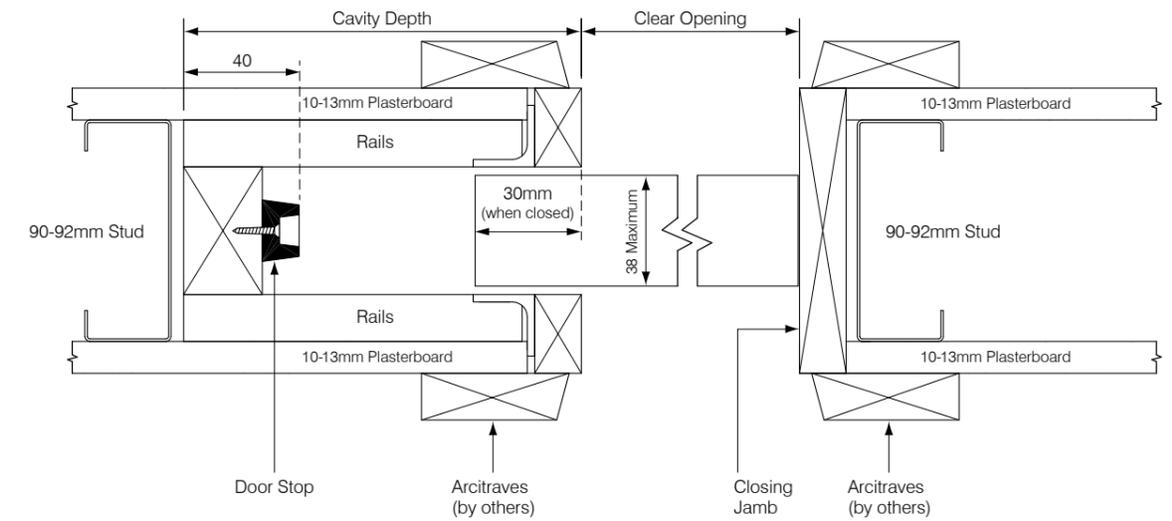
Glacier Frameless Specifications

To suit 90-92mm studs / 10-13mm Plasterboard
Plan View
 See Formula Notes - Page 37

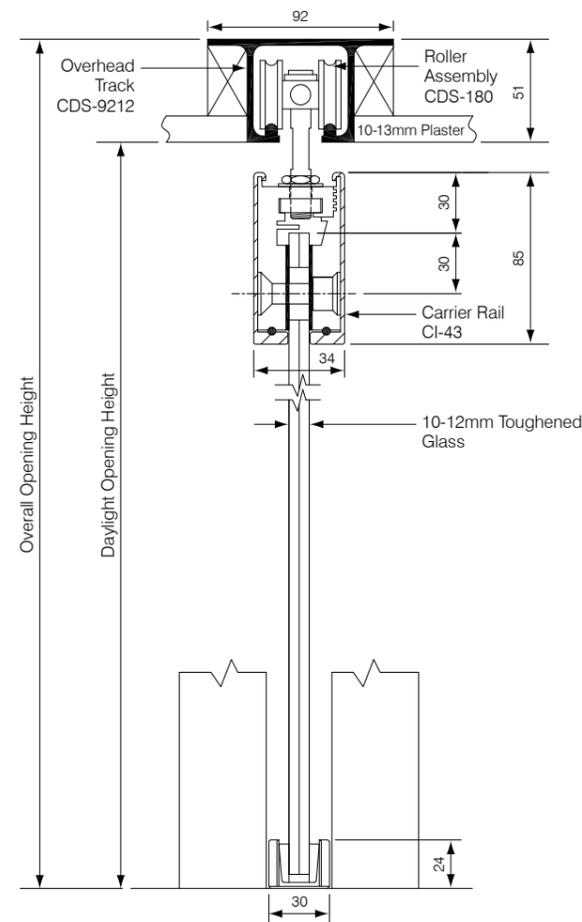


Campaspe Specifications

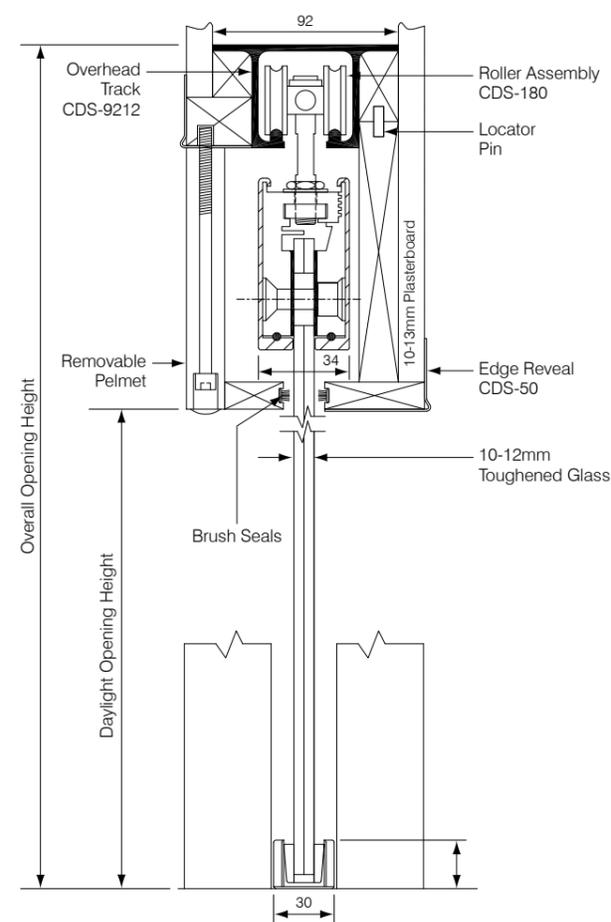
To suit 90-92mm studs / 10-13mm Plasterboard
Plan View



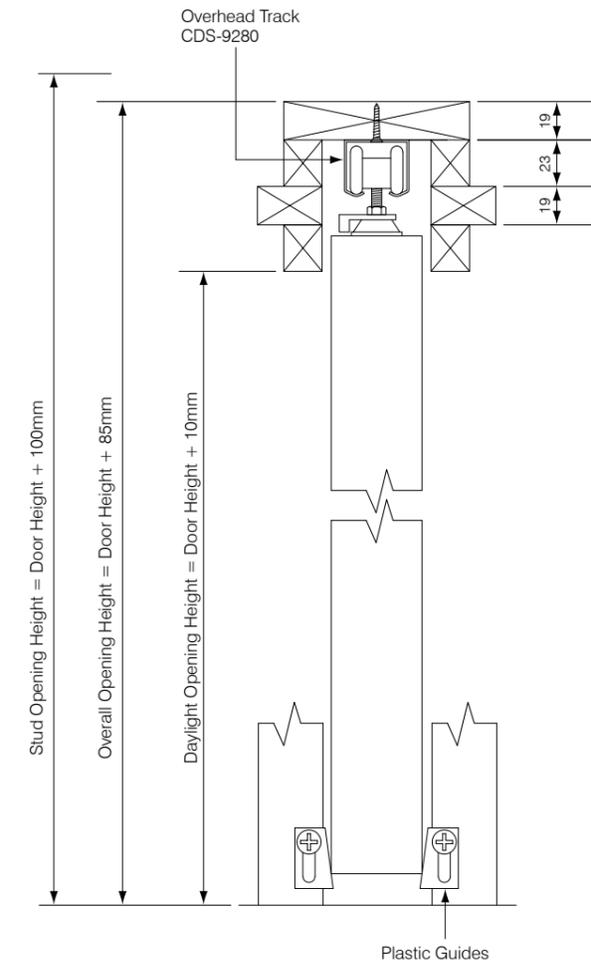
Flush Head Detail
 See Formula Notes - Page 37



Pelmet Detail
 See Formula Notes - Page 37

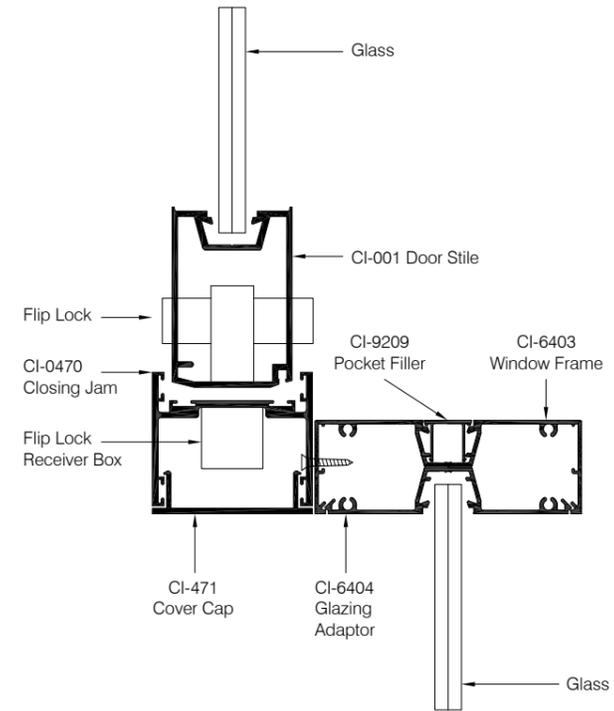


Cavity Unit
 See Formula Notes - Page 37

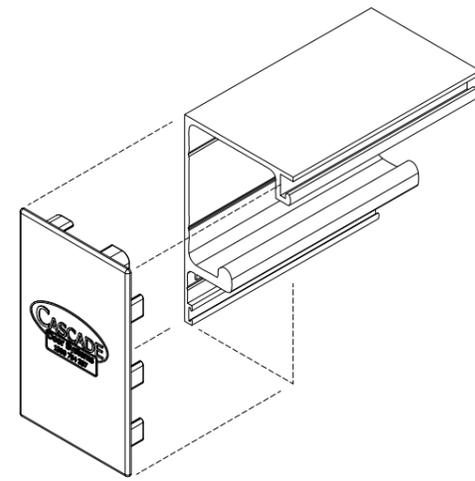


Niagara Specifications

Closing Jamb Plan View

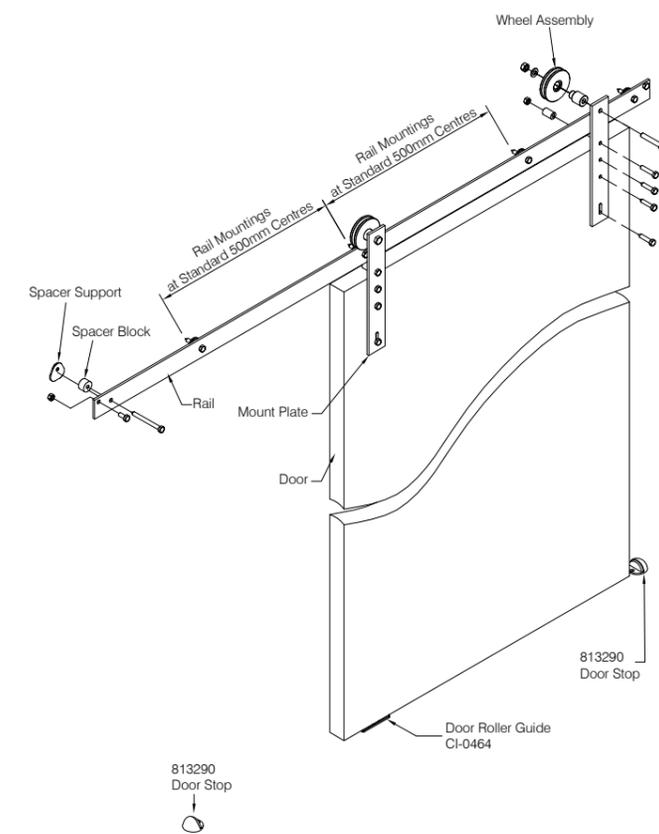


CI-0466 End Cap Detail

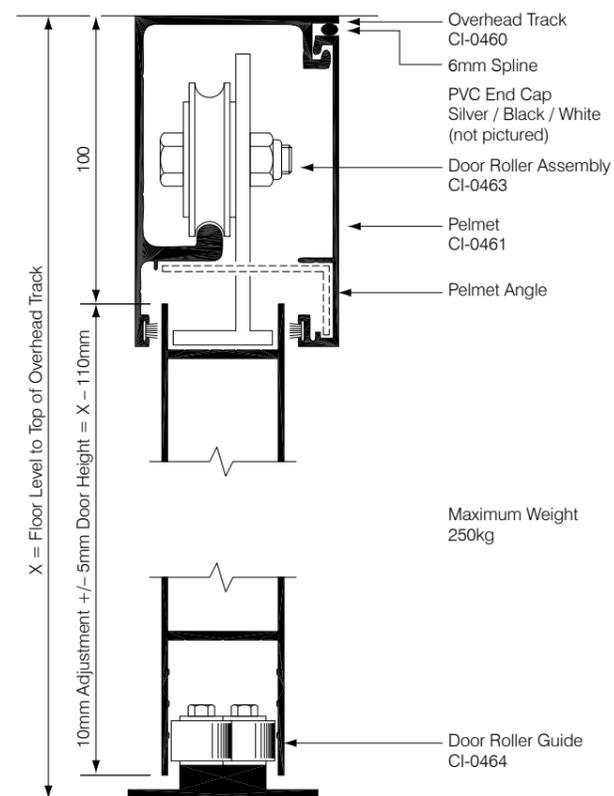


Panama Specifications

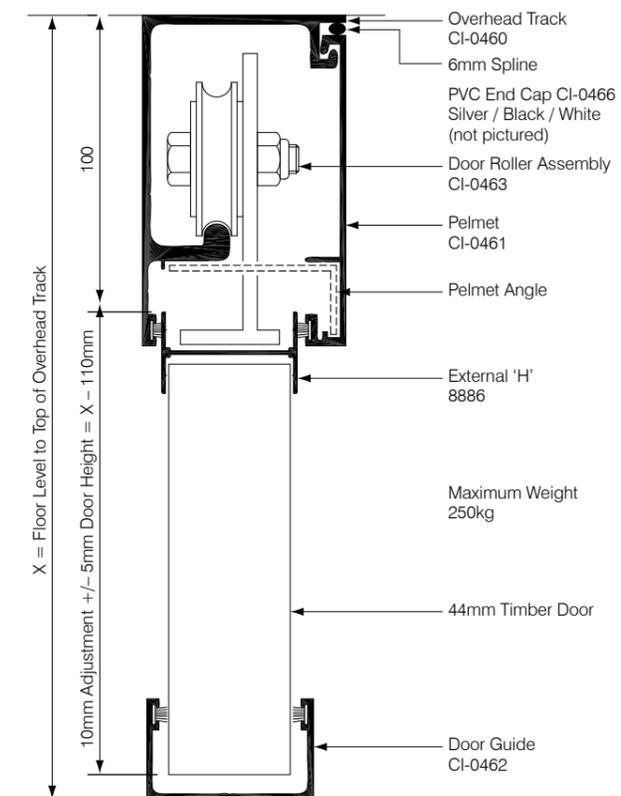
Sliding Door System



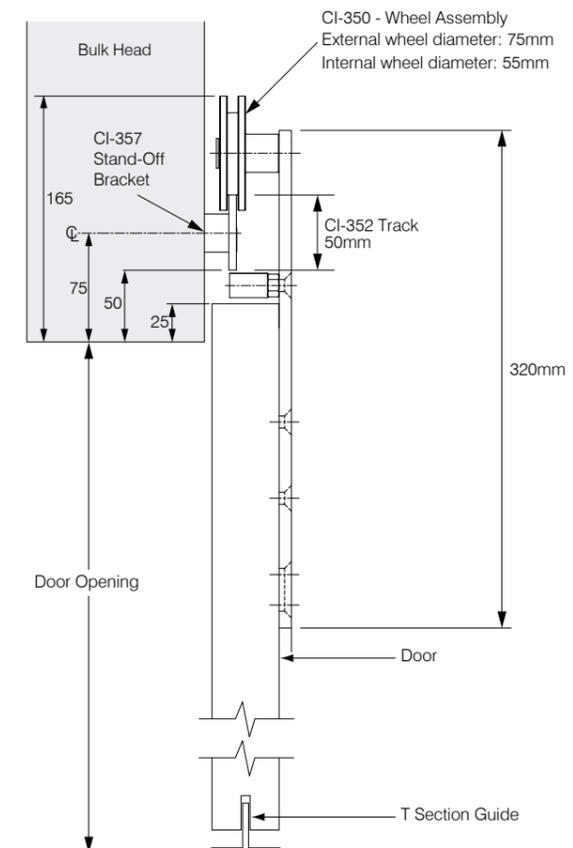
Aluminium Door



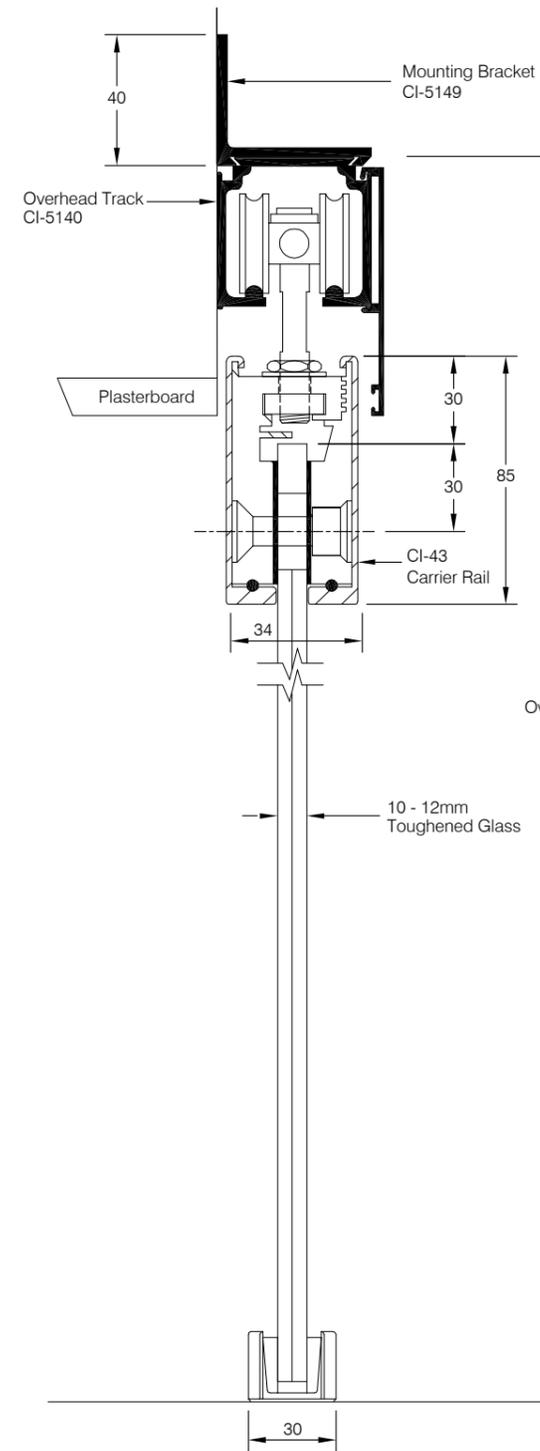
Timber Door



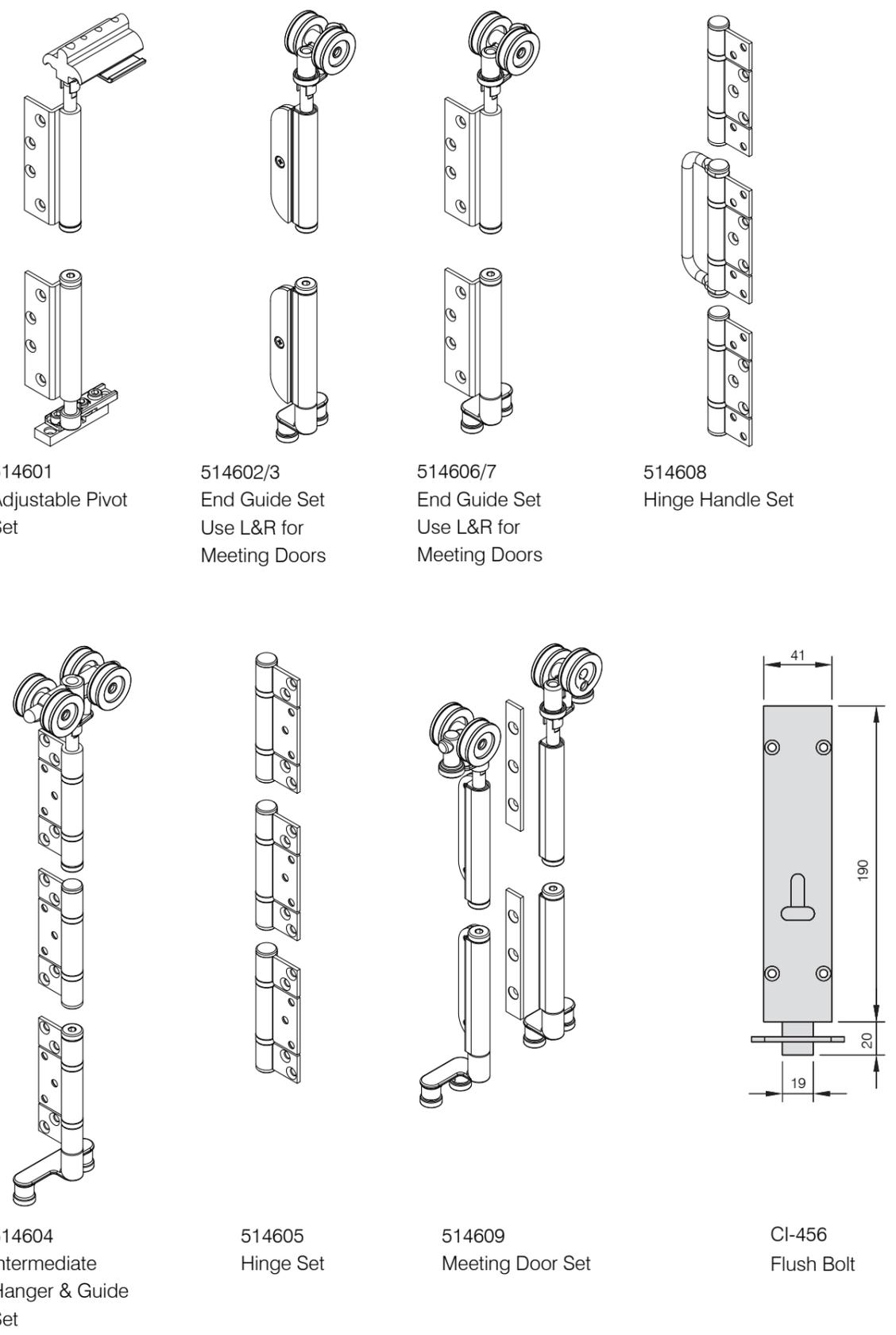
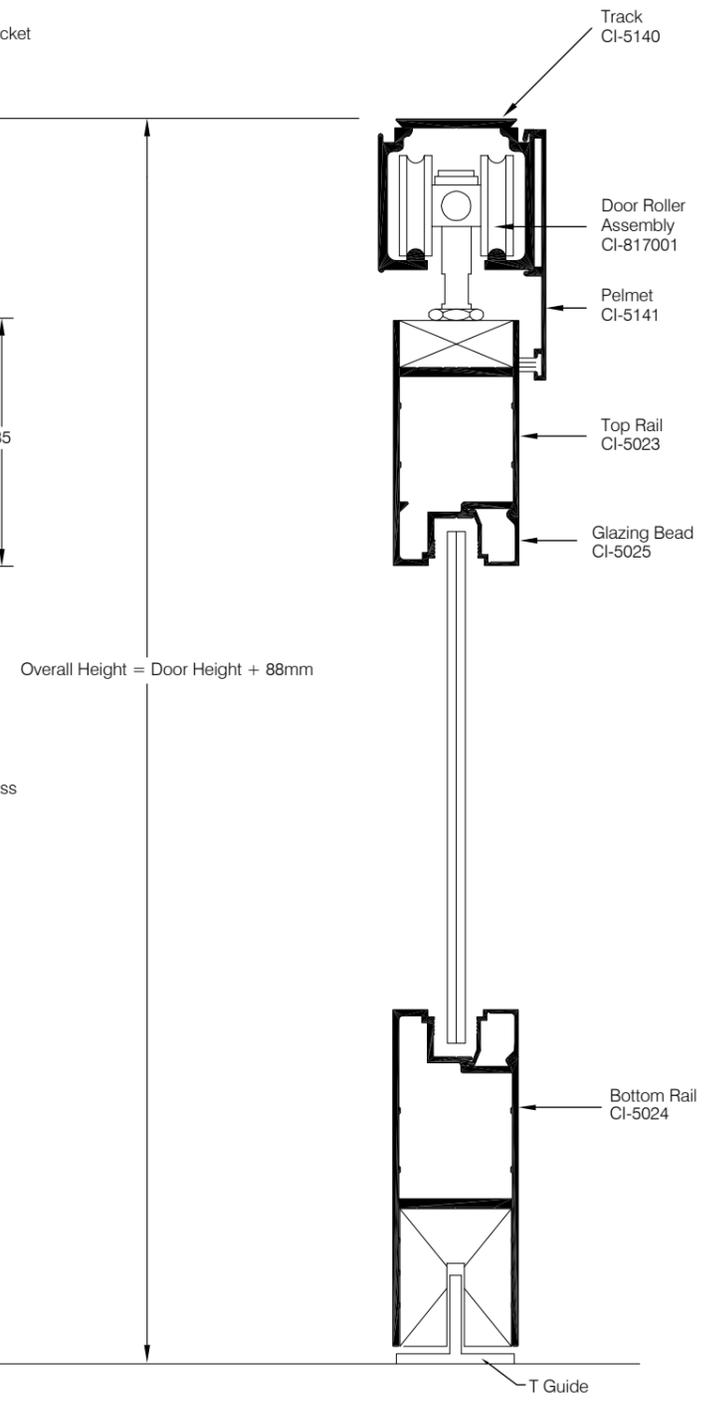
Elevation Detail



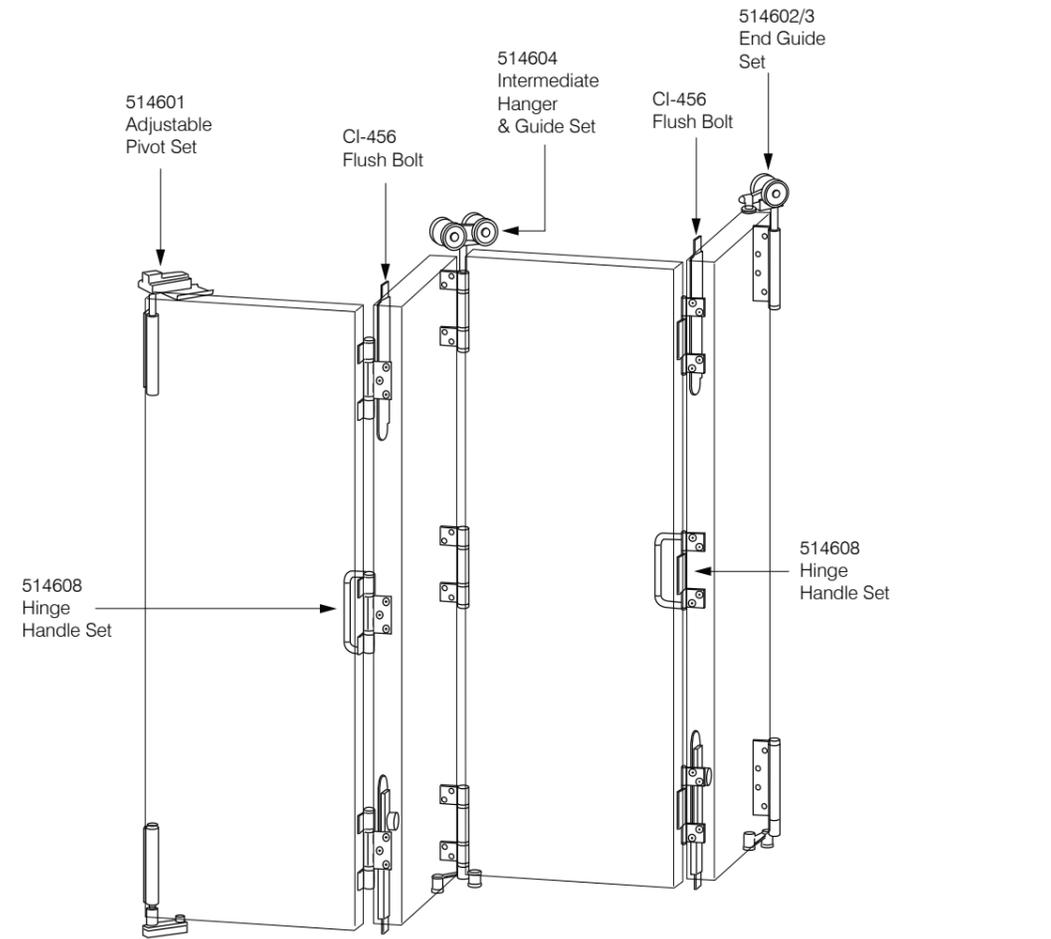
Atlantic Sliding Track with Frameless Glass Door



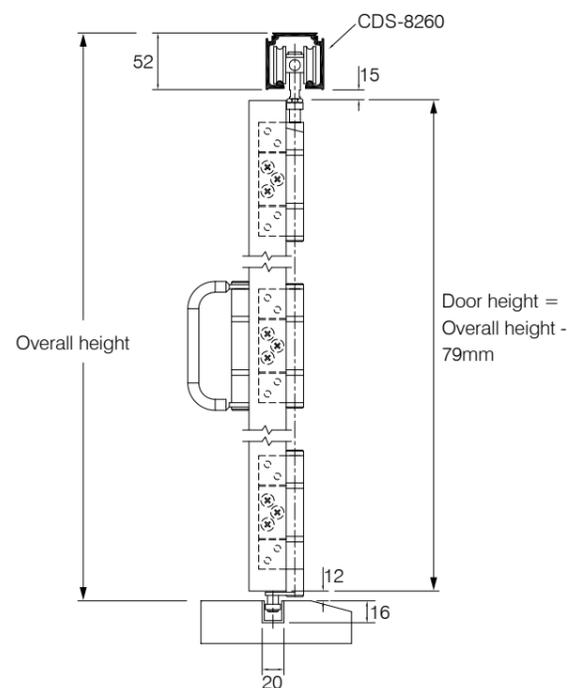
Atlantic Sliding Track with Aluminium Door



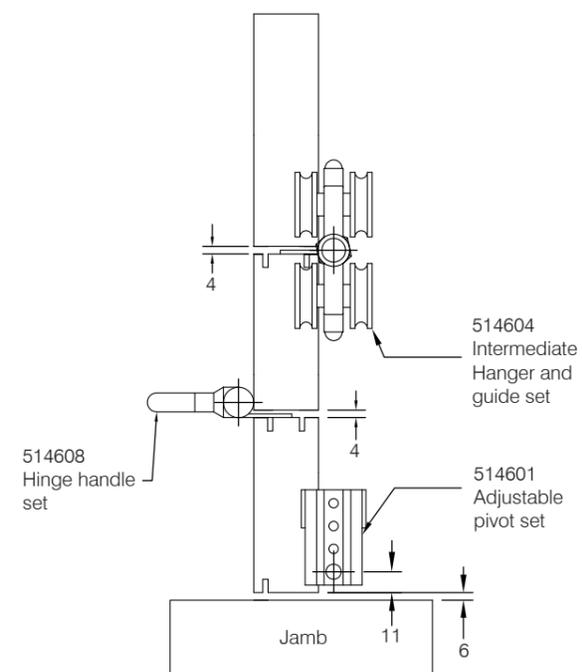
Atlantic Bi-Fold Specifications



Side Elevation



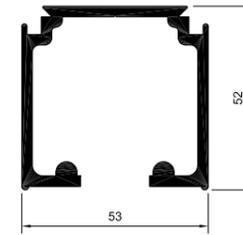
Plan View



Atlantic Overtaking Specifications

Section Drawings

Overhead Track
CI-5140



Clip On Pelmet
CI-5141



Door Roller
CI-817001



Track Stop
CI-817002



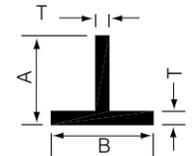
Overtaking Floor Guide
CI-817108



Interlock Adaptor
CI-5091



T-Section
25 x 25 x 3.0mm
CI-5725



Left Catch Bracket
CI-801182



Right Catch Bracket
CI-801183

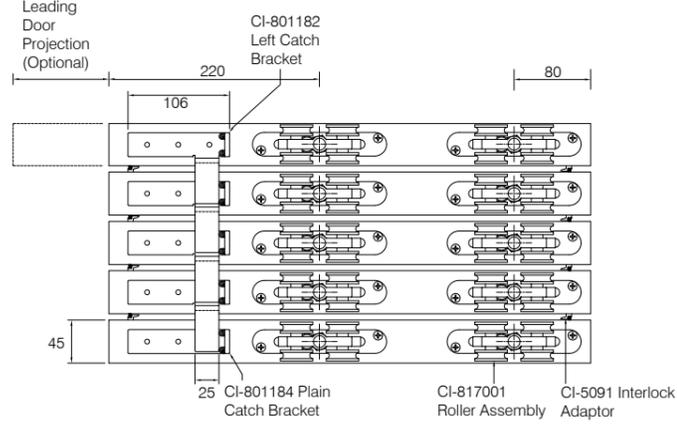


Plain Catch Bracket
CI-801184

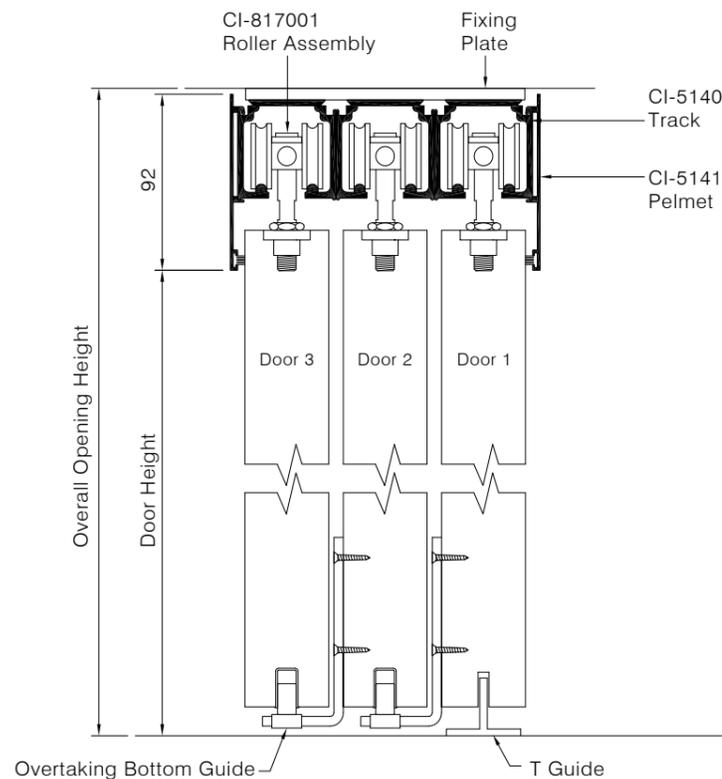


Atlantic Overtaking Specifications

Plan View

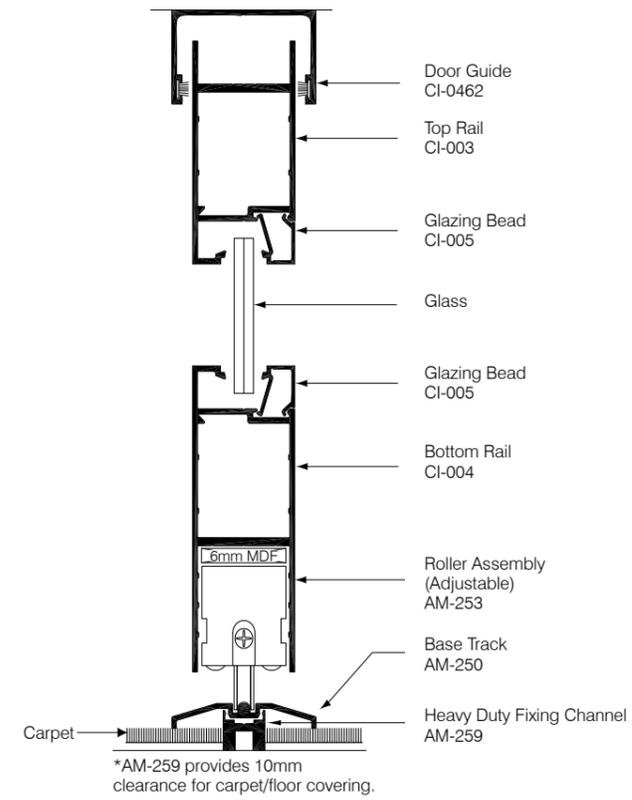


Elevation View

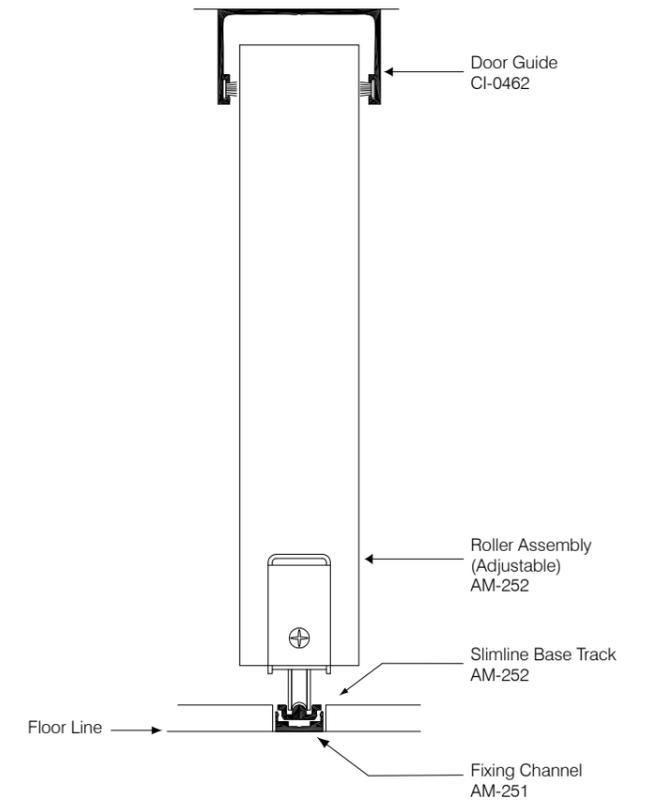


Amazon Specifications

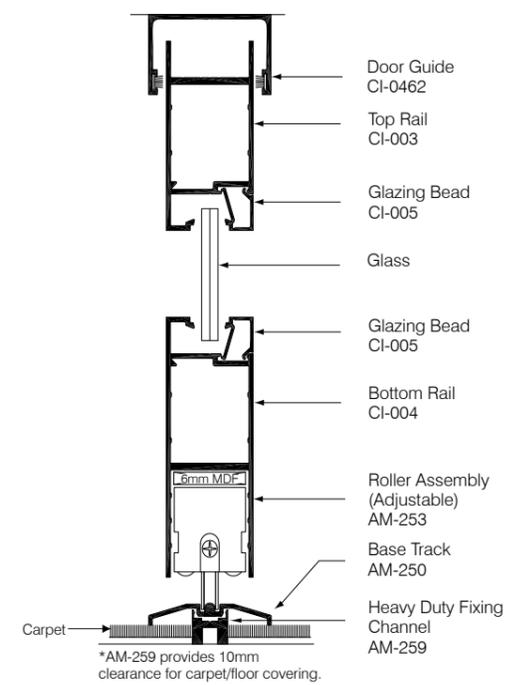
Direct Fix to Floor Detail with AM-259 Fixing Channel



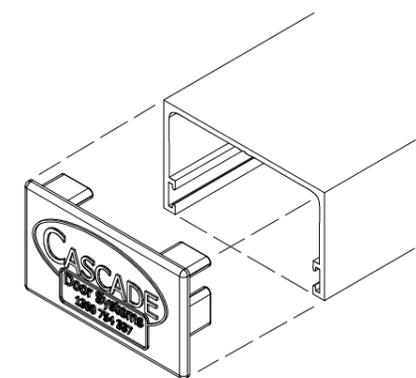
Recessed into Floor Using AM-260 Slimline Base Track



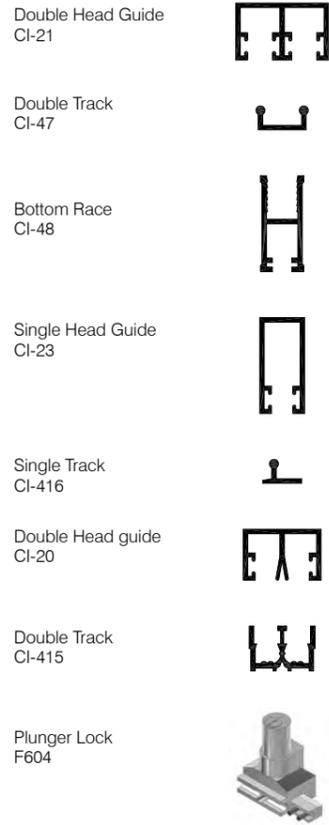
Direct Fix to Floor Detail with AM-251 Fixing Channel



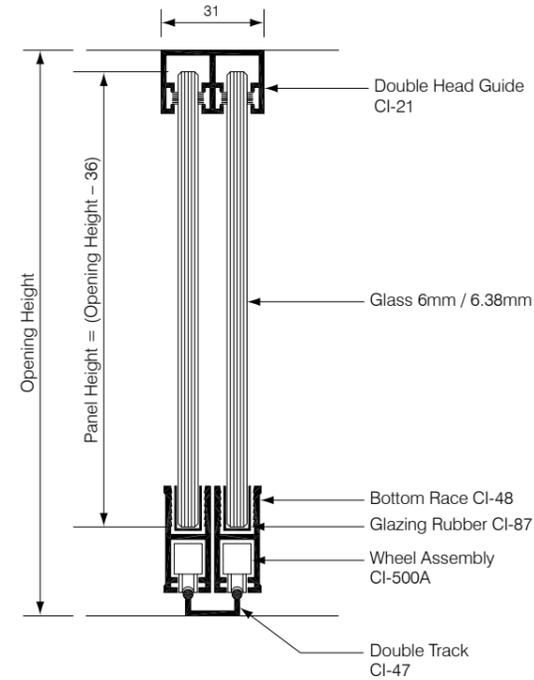
AM-254 End Cap Detail



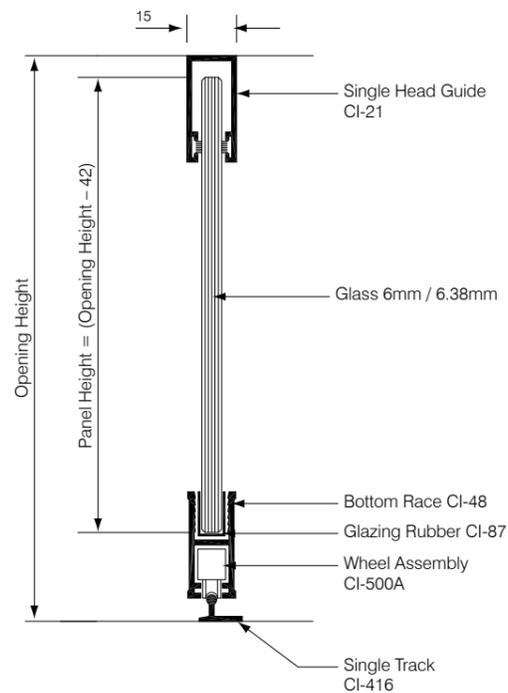
Counter Windows Sections



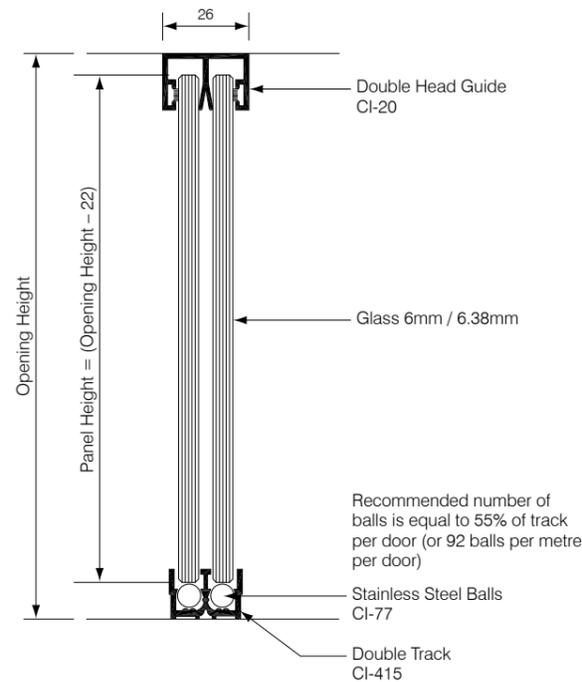
Miami 220 – Twin Roller



Miami 180 – Single Roller



Miami 120 – Ball Bearing



Artesian

Cavity Unit (Page 26)

Height

Door Height: Daylight Opening Height
 Door Height: Overall Opening Height – 88mm

Width

Based on 100mm Door Projection
 Door Width: (Stud Opening + 85mm) ÷ 2
 Door Width: Clear Opening Width + 40mm
 Door Width: Cavity Depth + 90mm

Campaspe

Cavity Unit (Page 29)

Height

Door Height: Daylight Opening Height – 10mm
 Door Height: Overall Opening Height – 85mm

Width

Based on 100mm Door Projection
 Door Width: (Stud Opening Width + 60) ÷ 2
 Door Width: Cavity Depth – 60mm
Based on 40mm Door Projection
 Door Width: Stud Opening Width ÷ 2
 Door Width: Cavity Depth

Tanaro

Cavity Unit (Page 27)

Height (Flush Head Detail)

Door Height: Daylight Opening Height – 30mm
 Door Height: Overall Opening Height – 81mm

Height (Pelmet Detail)

Door Height: Daylight Opening Height – 10mm
 Door Height: Overall Opening Height – 81mm

Width (Flush Head & Pelmet Detail)

Based on 0mm (Nil) Door Projection
 Door Width: (Stud Opening Width – 40) ÷ 2
 Door Width: Cavity Depth + 20mm

Glacier Frameless

Cavity Unit (Page 28)

Note: Frameless Doors include Carrier Rail

Height (Flush Head Detail)

Door Height: Overall Opening Height – 81mm
 Door Height: Daylight Opening Height – 30mm

Height (Pelmet Detail)

Door Height: Overall Opening Height – 81mm
 Door Height: Daylight Opening Height + 85mm

Width (Flush Head & Pelmet Detail)

Based on 100mm Door Projection
 Door Width: Clear Opening Width + 30mm
 Door Width: (Stud Opening Width + 60mm) ÷ 2

Criterion Industries (VIC)

15 Corporate Place
Broadmeadows VIC 3047

Telephone 03 9355 0700
Facsimile 03 9355 0777

sales@criterionindustries.com.au
www.criterionindustries.com.au

Criterion Industries (NSW)

95 Victoria Street
Smithfield NSW 2164

Telephone 02 9355 0700
Facsimile 02 9355 0777

sales.nsw@criterionindustries.com.au
www.criterionindustries.com.au

Criterion Industries (WA)

58 Tacoma Circuit
Canning Vale WA 6106

Telephone 08 9355 0700
Facsimile 08 9355 0702

sales.wa@criterionindustries.com.au
www.criterionindustries.com.au