

Cascade® Sliding Systems Formulating Character and Distinction

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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'.

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Artesian

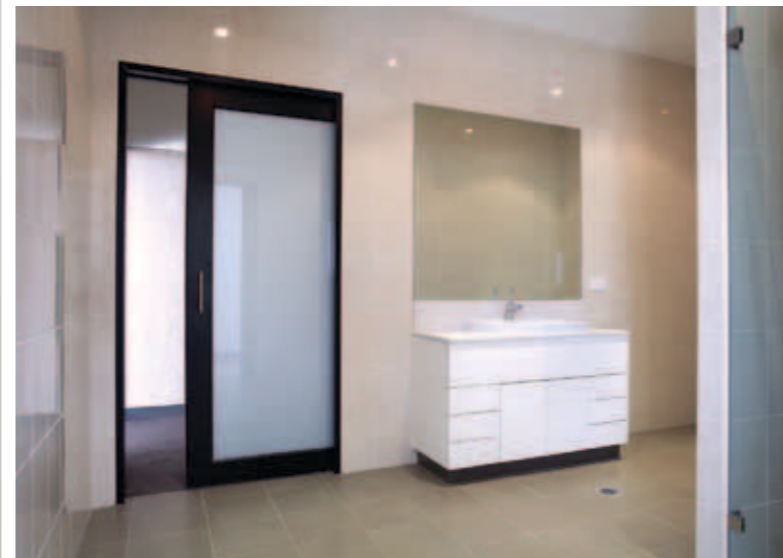
Formulating character and distinction.

The aluminium framed cavity unit is designed for commercial and architectural applications. Aluminium reveals and pelmets create a consistent 35mm outline, matching the dimension of the Platinum partitioning suite. Its unique design ensures the cavity is quick to install, and pelmets facilitate adjustments to the overhead rollers, either during the installation process or subsequently. The heavy duty overhead rollers ensure a smooth rolling operation.

One of the cavities' outstanding options is its ability to be used in a corner design. This allows two sides of a room to be opened up without interference as the two doors simply disappear into adjacent walls. The Artesian paves the way for numerous, innovative applications.

Features of Artesian

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





Tanaro®

Formulating character and distinction.

The Tanaro is a distinct cavity unit, with its flush-in finish providing an expansive atmosphere. This cavity will enhance the functionality of any office or residence. The aluminum track system boasts a 180 kg 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.

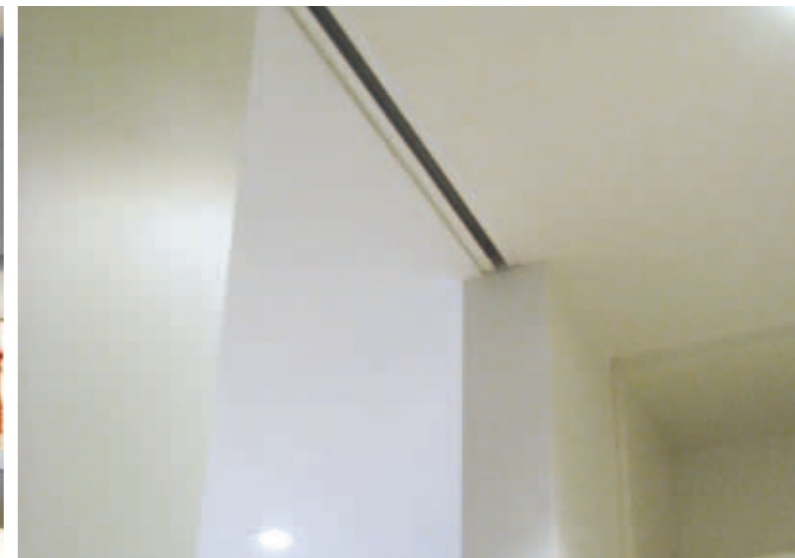
Pelmet head detail conceals stems of roller assembly and provides additional access to rollers.

Telescopic door system increases its ability to have a wide 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 90mm stud;
- Provides a wide range of design options; and
- Engineered roller system.





Glacier Frameless

Formulating character and distinction.

The Glacier Frameless is a sleek, sophisticated looking cavity.

It features an engineered, twin roller 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 the reduced sound options of a standard door.

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 is a concealed carrier detail which allows the rail to be secreted inside the head of the cavity effectively allowing the frameless door to protrude 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; and
- Flush head design.





Oxbow®

Formulating character and distinction.

The Oxbow Cavity Unit is the monster of cavities. Suited to a stud thickness of up to 120mm, the Oxbow is manufactured to suit heavy use areas. The Oxbow Unit is an ideal option for wide doors in School and University areas.

The split jambs are heavily reinforced for added strength and the rails are supported with extra bracing. The continuous guide ensures the door slides smoothly throughout the opening and closing process.

- Features of Oxbow**
- Heavy duty construction;
 - Weight capacity 200kg;
 - To suit 120mm stud; and
 - Option of acoustic seals.



Campaspe®

Formulating character and distinction.

The Campaspe 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; and
- Manufactured to suit 76, 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;
- Comes in prefinished colours; and
- 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 350kg.

Features of Panama

- Anti- jump roller design;
- Engineered bearing system;
- Suits timber and aluminum doors; and
- 350kg 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 an endless amount of design opportunities.

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

Features of Atlantic

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





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; and
- 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.

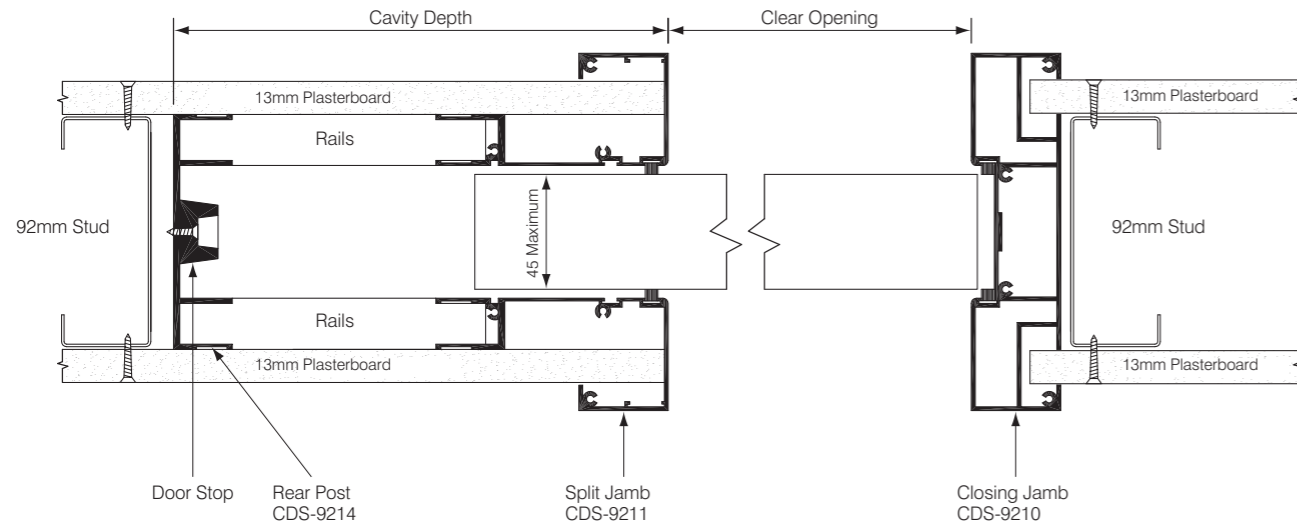
Features of Miami

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



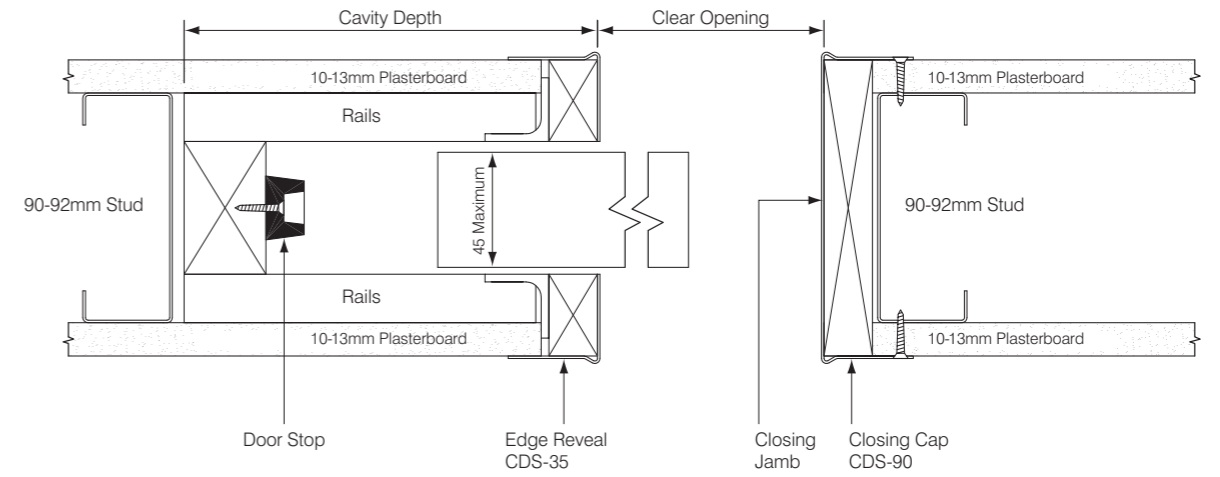
Artesian

To suit 92mm Studs / 13mm Plasterboard
Plan View



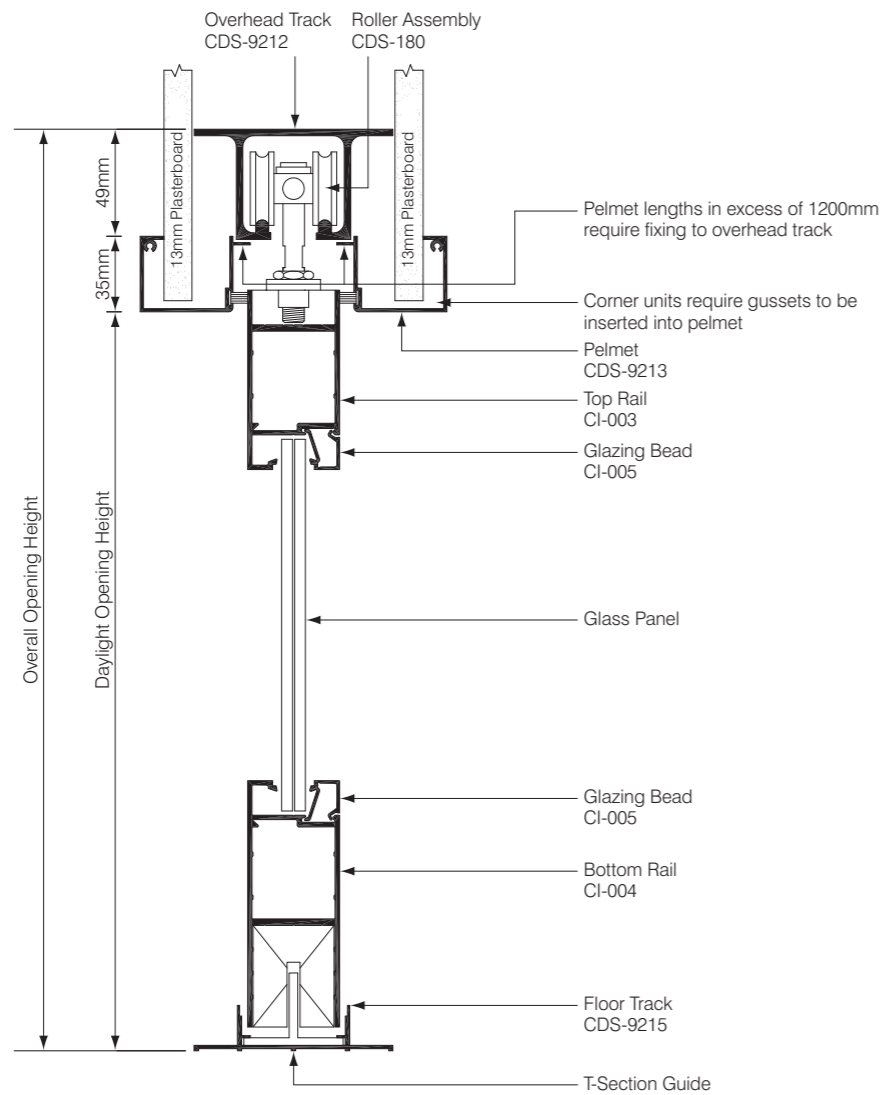
Tanaro

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



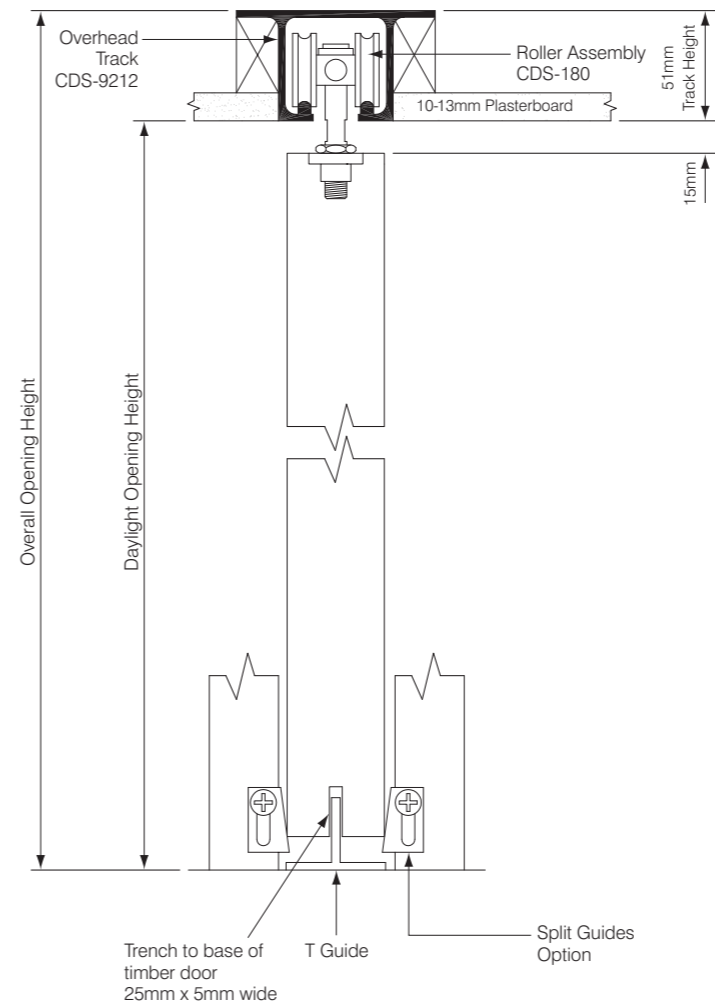
Cavity Unit

See Formula Notes page 32



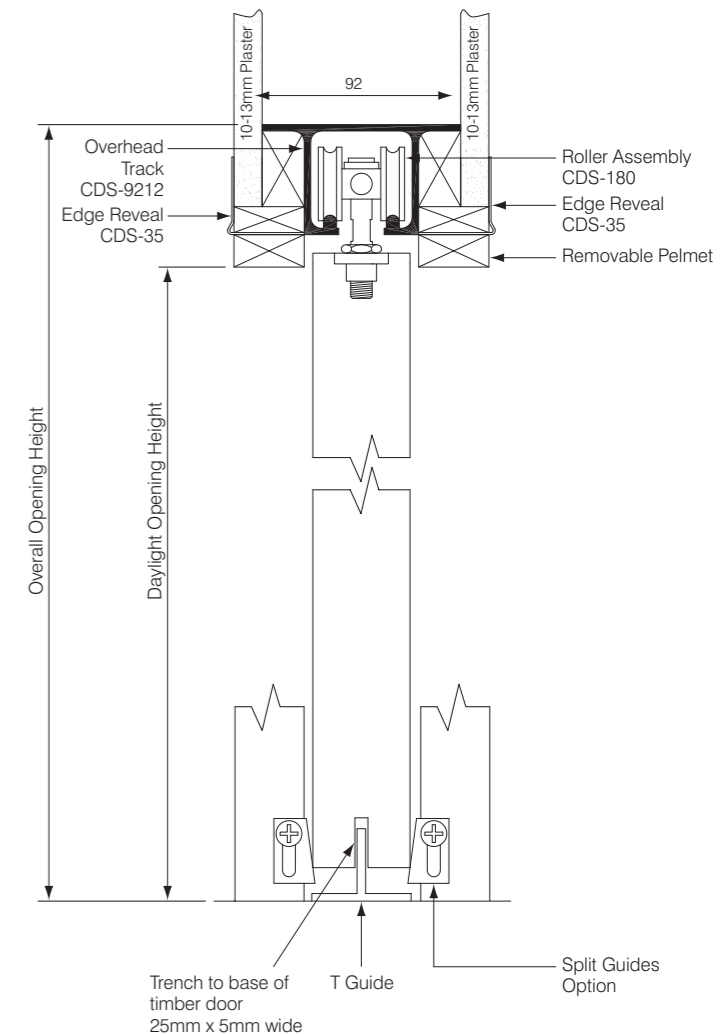
Flush Head Detail

See Formula Notes page 32



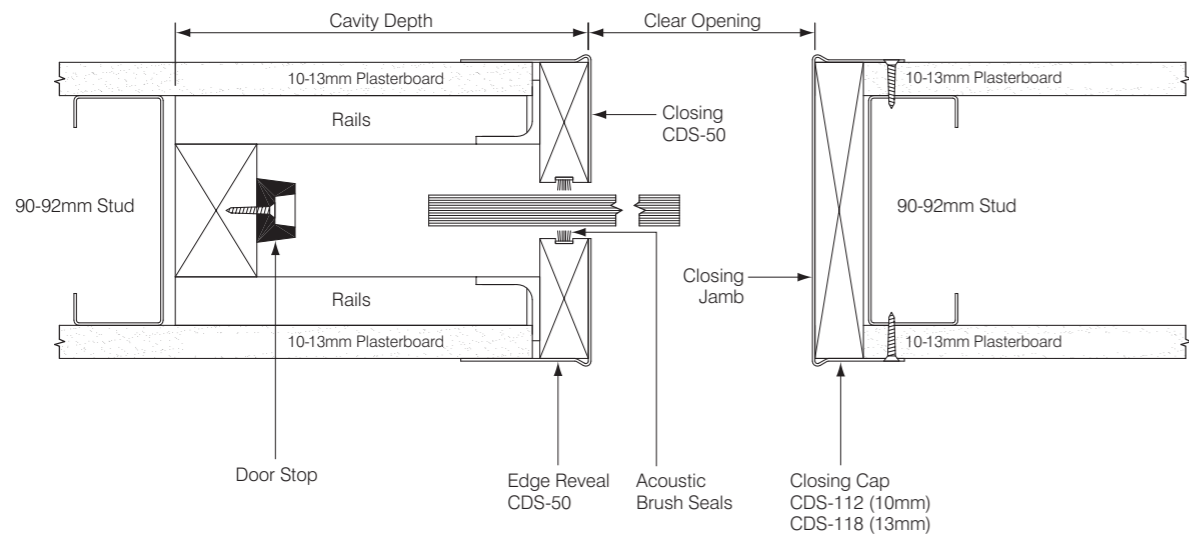
Pelmet Detail

See Formula Notes page 32



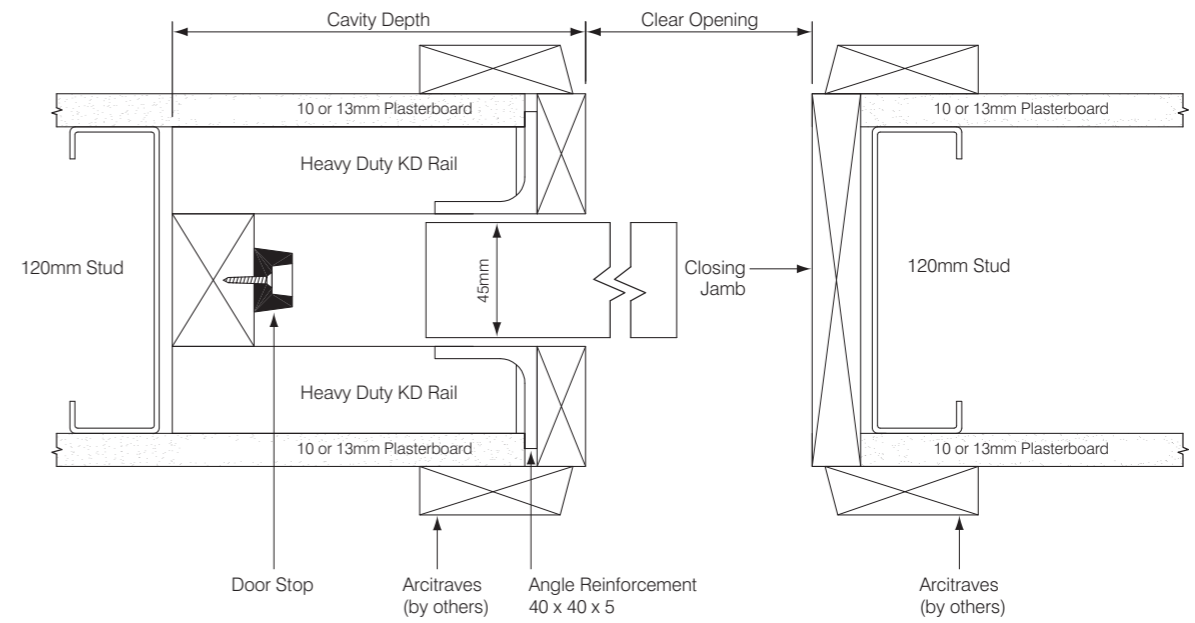
Glacier Frameless

To suit 90-92mm studs / 10-13mm Plasterboard
 Plan View
 See Formula Notes page 32

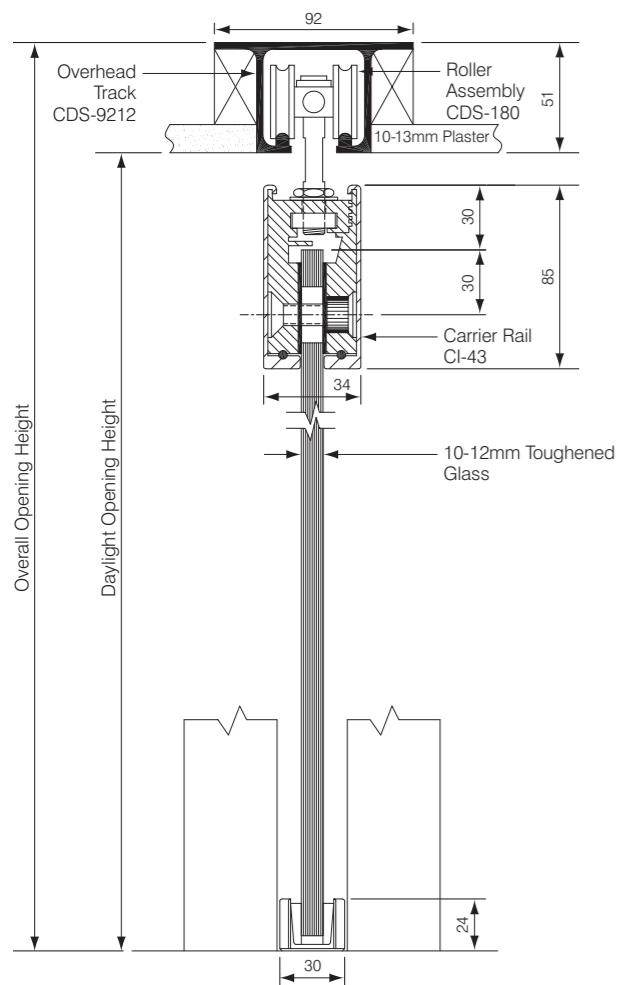


Oxbow

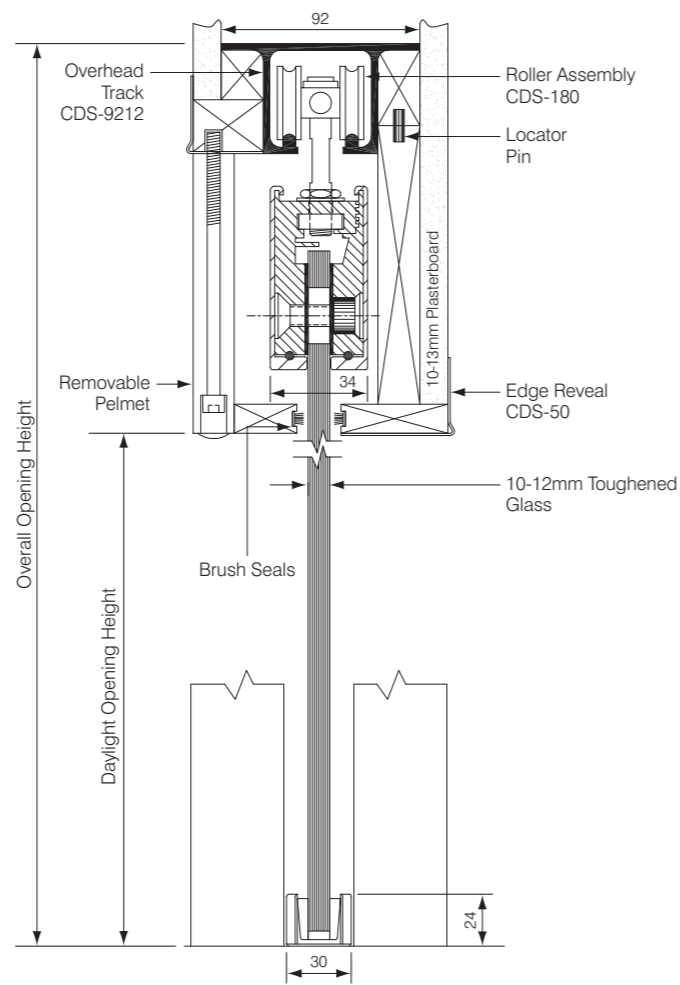
To suit 120mm studs / 10-13mm Plasterboard
 Plan View
 See Formula Notes page 32



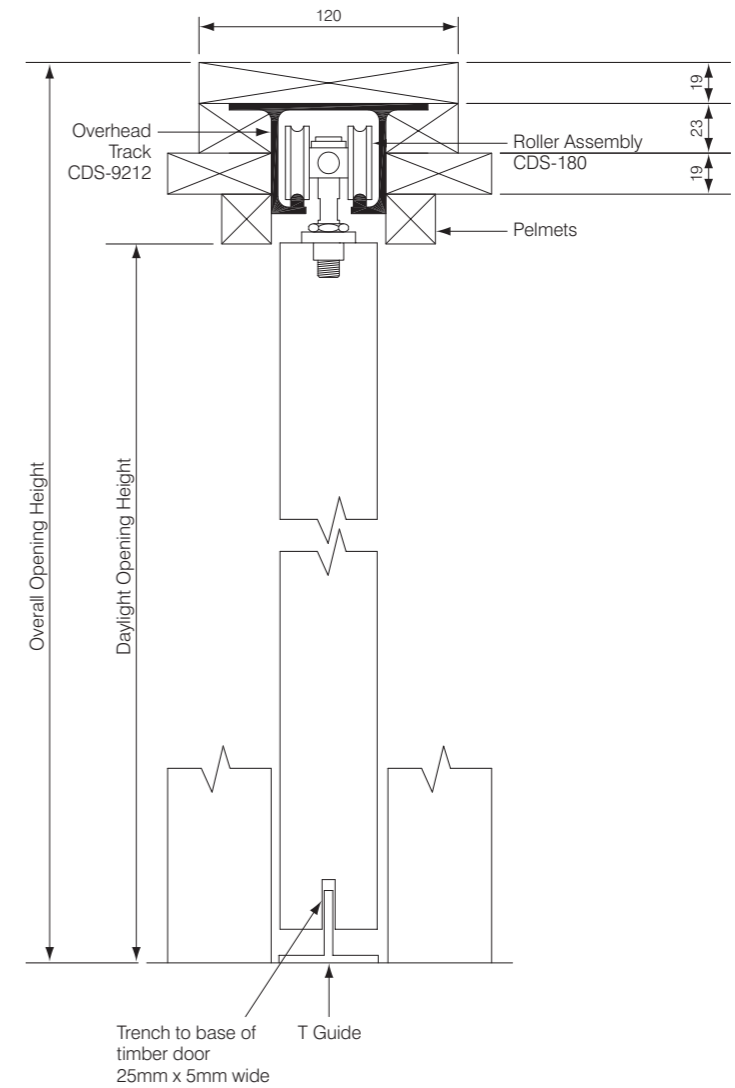
Flush Head Detail
 See Formula Notes page 32



Pelmet Detail
 See Formula Notes page 32

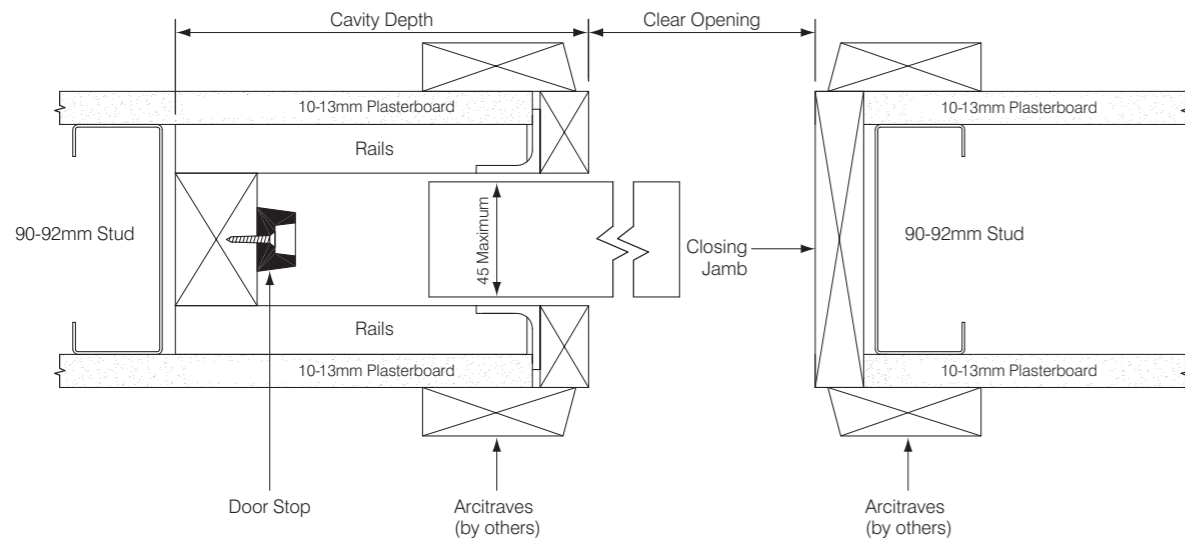


Cavity Unit
 See Formula Notes page 32



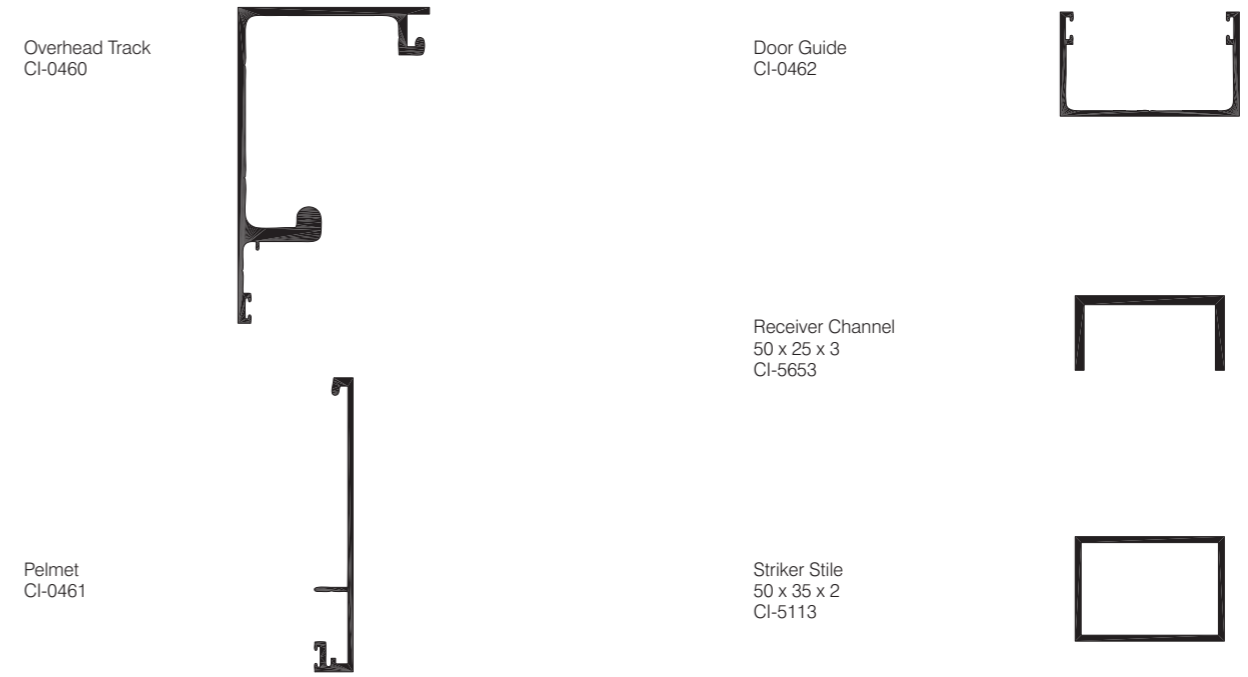
Campaspe

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

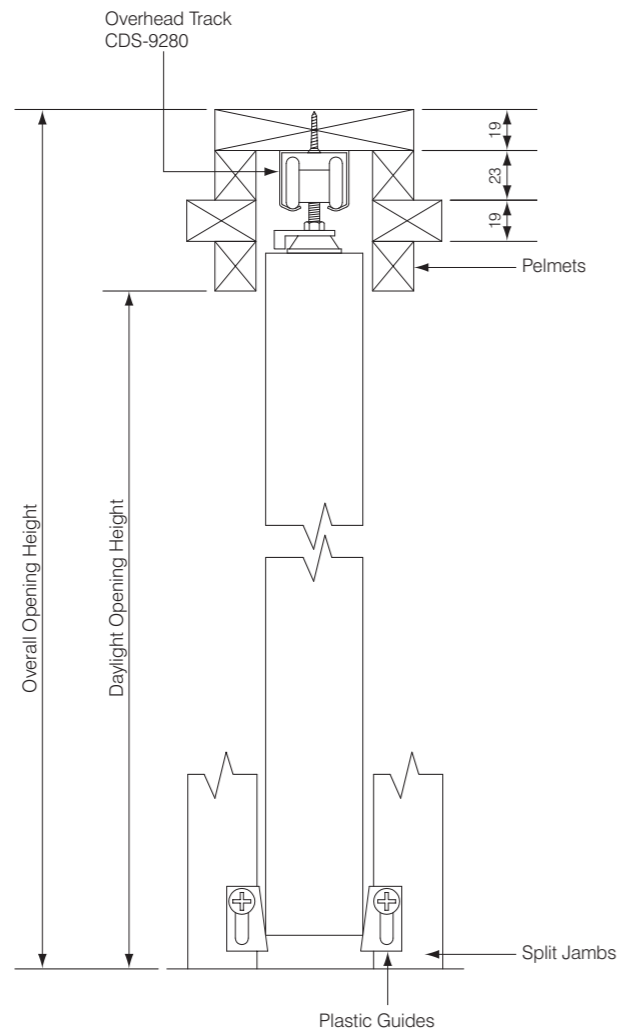


Niagara

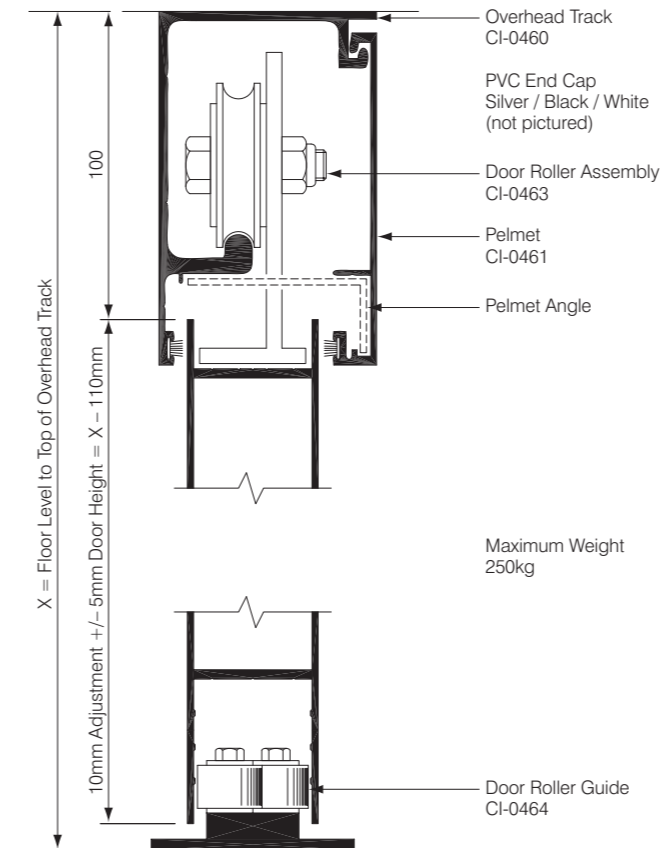
Section Drawings



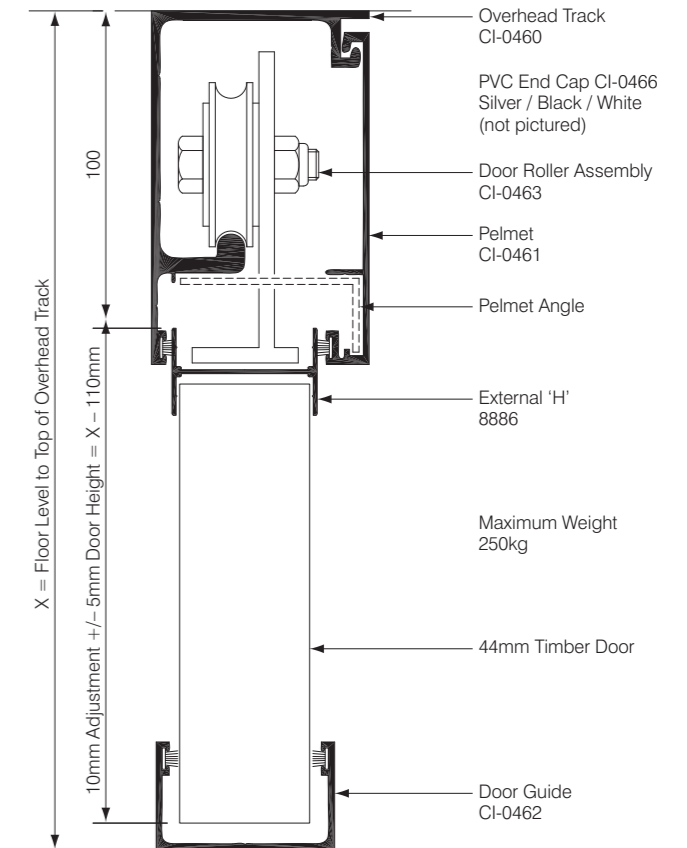
Cavity Unit
See Formula Notes page 32



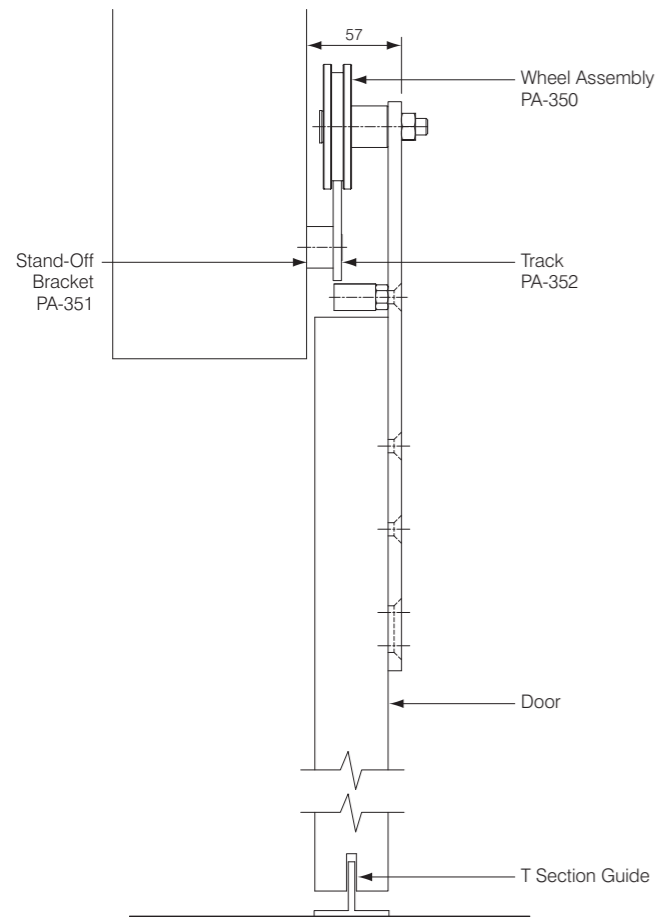
Aluminium Door



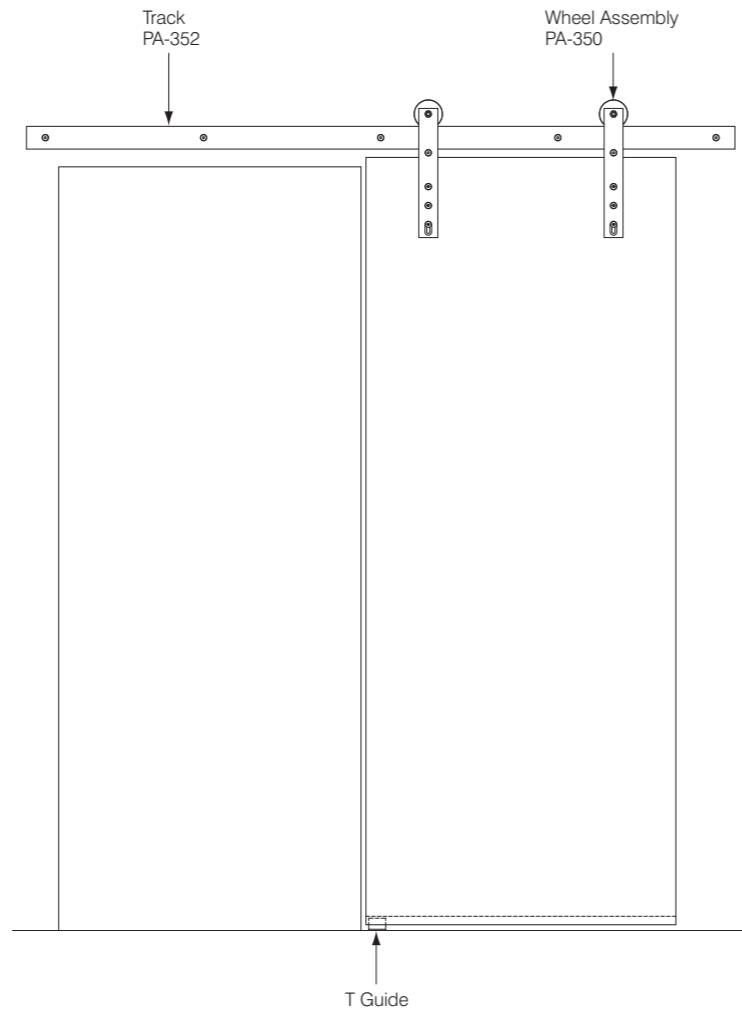
Timber Door



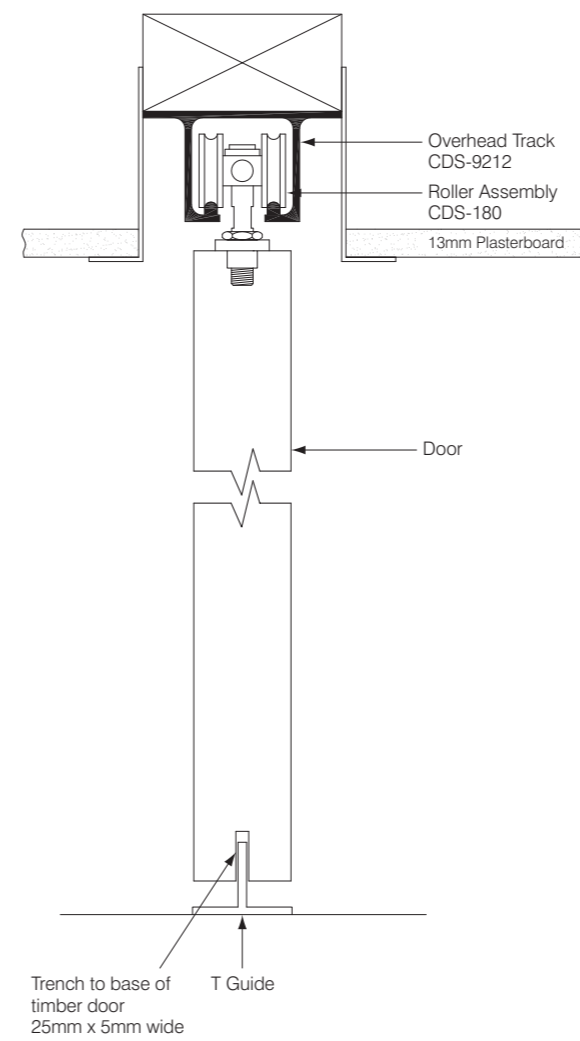
Sliding Door System



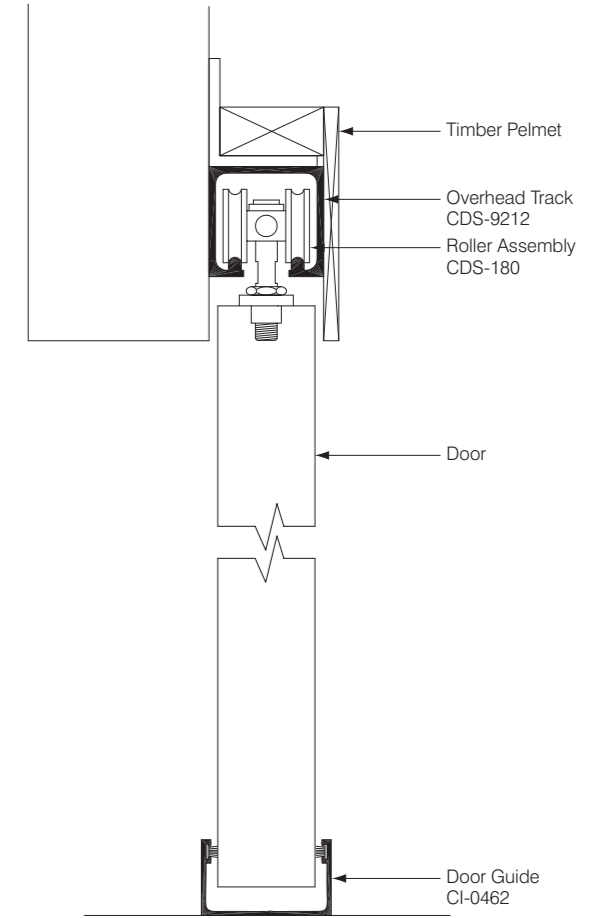
Sliding Door System Elevation



Overheight Track Full Height Door



Overhead Track Timber Pelmet Detail



Section Drawings

Base Track
AM-250



Door Guide
CI-0462



Slimline Base Track
AM-260



Receiver Channel
50 x 25 x 3
CI-5653



Fixing Channel
AM-251



Sriker Stile
50 x 35 x 2
CI-5113



Heavy Duty Fixing
Channel
AM-259



Counter Windows Sections

Double Head Guide
CI-21



Double Track
CI-47



Bottom Race
CI-48



Single Head Guide
CI-23



Single Track
CI-416



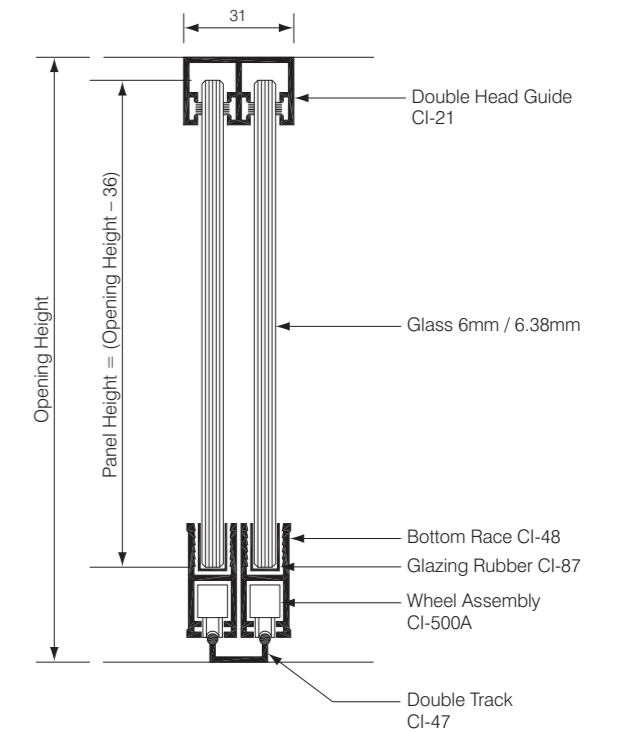
Double Head guide
CI-20



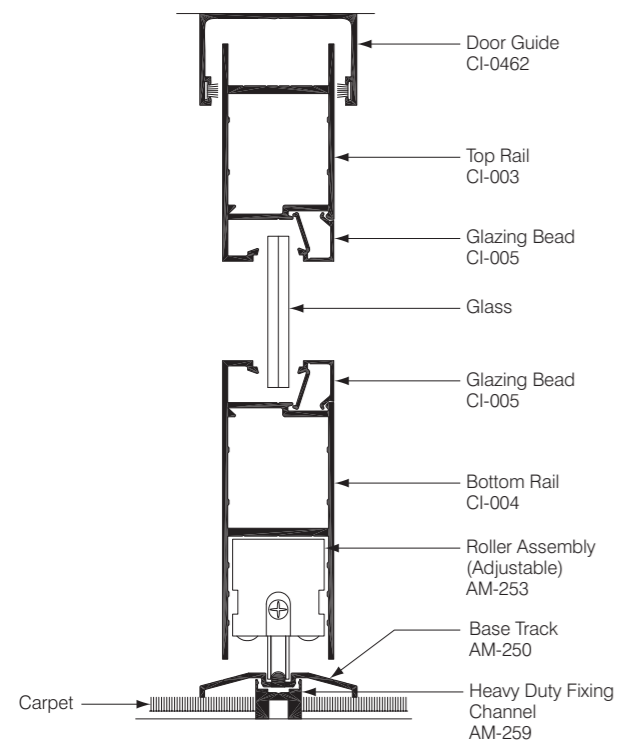
Double Track
CI-415



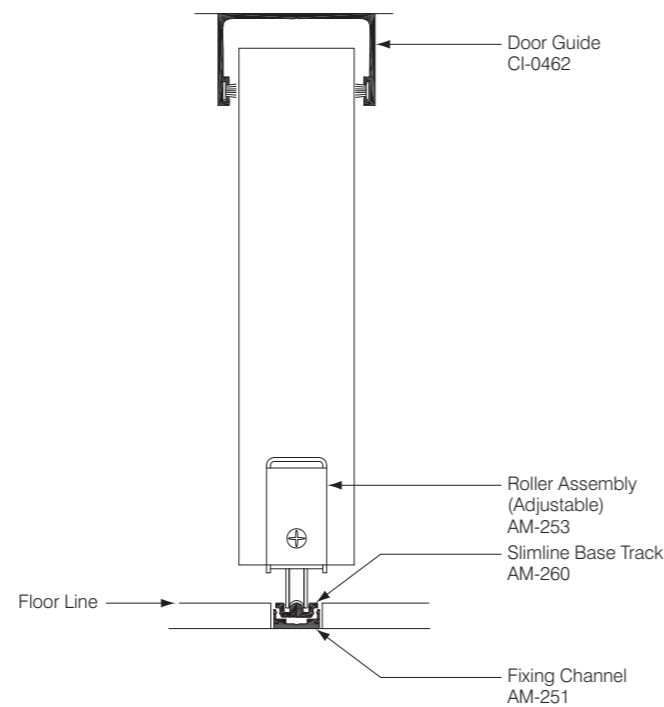
Miami 220 – Twin Roller



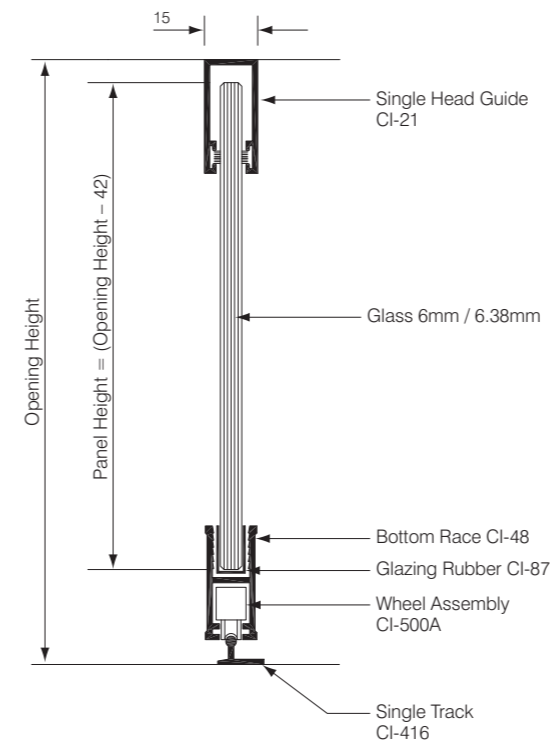
Aluminium Door (45mm)



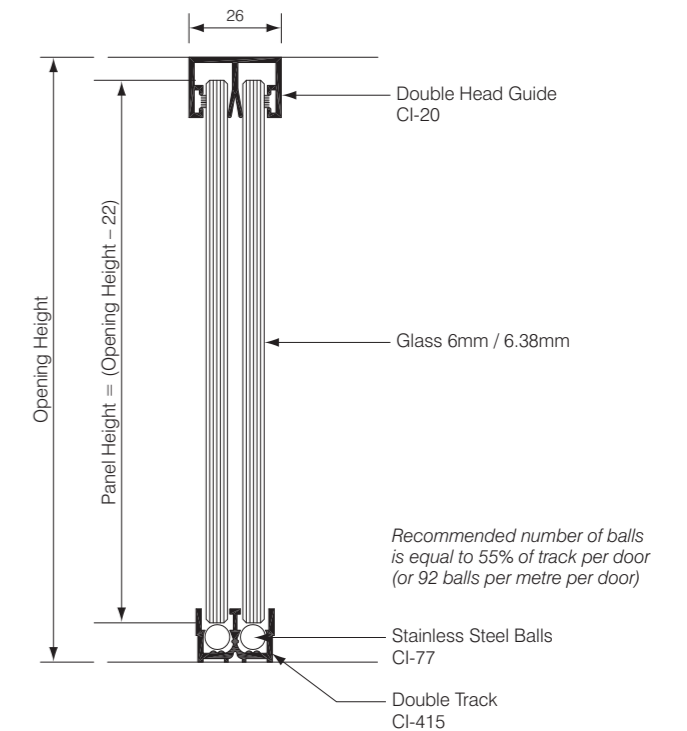
Timber Door (44mm)



Miami 180 – Single Roller



Miami 120 – Ball Bearing



Formulas

Artesian

Cavity Unit (Page 22)

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

Tanaro

Cavity Unit (Page 23)

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 24)

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

Oxbow

Cavity Unit (Page 25)

Height

Door Height: Overall Opening Height – 105mm

Door Height: Daylight Opening Height – 15mm

Width

Based on 100mm Door Projection

Door Width: Clear Opening Width + 30mm

Door Width: (Stud Opening Width + 60) ÷ 2

Campaspe

Cavity Unit (Page 26)

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