

HIMMELTM

INTERIOR SYSTEMS



Photographer: Nicole England

ALUMINIUM SYSTEMS

VERSION 2



Contents

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HIMMEL
INTERIOR SYSTEMS

OWA

CSR Himmel Interior Systems is the leading Australian brand in aesthetic and acoustic interior solutions for Australian Commercial Buildings.

CSR Himmel Interior Systems was established in 2017 with the bringing together of Ceilctor Ceiling Solutions and Alsupply Aluminium & Hardware as one business to offer the Australian Commercial Building market a complete interior systems solution.

We aim to deliver smart spaces through our global product portfolio of ceilings, walls, high performance acoustic, aluminium, and architectural hardware products, leading the way in aesthetic and acoustic solutions for commercial building spaces.

Himmel Aluminium

ALUMINIUM PARTITIONING SUITE

Designed by Himmel Interior Systems in Australia, our aluminium partitioning suite incorporates a host of proven innovative concepts to assist both design and installation. Aluminium is a proven construction material for buildings, vehicles, appliances, and products, both as a framing and cladding material. In the building industry, it is by far the most common material used for window and door joinery, curtain walls and shop fronts. Its selection is

based on many criteria – one being its ease of fabrication to provide visual appeal and easy maintenance. Today’s design trends along with the new world we live in brings the need to evolve existing larger open plan spaces efficiently into smaller offices allowing individuals or teams to have their own space to feel safe in. Our innovative range of systems support, inspire and enable people to collaborate, share knowledge, learn together, build, and produce innovation and success.

BENEFITS OF HIMMEL ALUMINIUM

A unique combination of properties puts aluminium and its alloys among our most versatile engineering and construction materials.



Compliance

Independently assessed as conforming to BP1.3.



Lightweight and Strong

Himmel’s aluminium’s high strength to weight ratio makes it useful as a partitioning structural material weighing up to 65% less than steel while also making it easier to install.



Corrosion resistant and Long Lasting

Aluminium naturally generates a protective oxide coating that resists corrosion, and Himmel’s different coating processes and technology improves the longevity of an office fit-out. Added to this a range of modern powder coated and anodized finishes that provide a premium look to an office fit-out.



Workability

Himmel extruded aluminium is flexible and versatile, innovative in design to create a variety of partition suites and finishing products to meet the needs of any office fit-out. The knowledge that Himmel partition suites click well together and work off small tolerances provides an improved finish and less downtime for the installer.



Recyclable

As part of Himmel and CSR’s quest for sustainability leadership in the construction space, Himmel aluminium can be recycled consistently without loss of quality. This is due to our relentless focus on sustainability as at CSR we know it’s a need to have, not a nice to have.



Non Toxic and Safe

Himmel aluminium is safe and non toxic to both installers and those engaging within the interior office environment.

Finishing Options

ANODISING

The Anodising Process

Aluminium has the natural ability to produce a protective oxide film on exposure to atmosphere. This natural oxide is hard and resistant to both water and normal atmospheric conditions, but the protection it offers is inadequate if other agents are present to start a corrosive attack on the aluminium. For this reason, processes were sought whereby the natural oxide film could be reinforced by clear anodising to form a coating which is hard, could be coloured and was even more resistant to wear and corrosion, especially in aggressive coastal and industrial environments.

Anodising is an electrochemical process whereby the aluminium surface is converted to a hard transparent film of oxide which is an integral part of the aluminium. The anodising process takes place in a diluted solution of sulphuric acid in which the aluminium forms the positive pole (the anode), and the electrode - the negative pole (the cathode) of the cell. A current is passed through the cell and oxide is formed in the pores of the aluminium surface. The anodised aluminium can now be coloured or left as clear anodised.

Anodising and Colouring Process

The process starts with a clean and rinse to remove cutting fluids etc from the substrate. An etch follows which is used to remove the naturally formed oxide layer and to give the metal an even matt appearance over the whole surface area. The metal is then rinsed. Continuing the process, the metal is placed in cold water to neutralize any residue from the etch. The metal is then rinsed again. The anodising process then takes place which is followed by a final rinse. The colouring process is next. This is achieved by using an electrochemical process to deposit nickel or tin into the open pores created by the anodising process. The pores are then sealed to ensure no airborne contaminants can enter which could cause premature attack of the newly formed oxide layer. The colour is retained and the metal is then rinsed.

Powdercoating

Pre-treatment

In order to obtain good paint adhesion, the aluminium extrusions must first be pre-treated. The eight stages are firstly, a detergent cleaner to remove oil and smut. This is followed by a rinse then an acid etch. After the etch, the aluminium is dipped into two consecutive rinse tanks to flush impurities from the aluminium substrate then immersed in a chromate conversion tank prior to a final rinse. The extrusions are then placed into a drying oven. The chromate conversion layer applied to the substrate becomes an integral part of the aluminium and forms a corrosion resistant layer for the powder to adhere to.

Spraying Methods

The main principle of painting is the charging of powder particles. The powder particles are charged when forced down a Teflon tube which is wrapped around the barrel of the spray gun. By rubbing against this tube the particles of powder gain a positive charge. Once the charged particles exit the spray gun, they are attracted to the earthed aluminium extrusions and the powder wraps around the extrusion to give an even, uniform finish. After spraying, the extrusions are cured at specified temperatures and times in order for the coating to flow out and cure.

Himmel’s Range

Himmel Interior Systems range aluminium in:

| Clear Anodised | Dulux Black Night Sky | Dulux Pearl White |
|----------------|-----------------------|-------------------|
| | | |

We have the flexibility to work with you on your specific project requirements when it comes to colour. Using the extensive range of Dulux Duralloy® powder coat colours, you are guaranteed to find the perfect match for your next project*.

*MOQs apply.

Glass Options

GLASS INFORMATION

For more information on all glass types consult with preferred glazier or the Australian Glazing Associations.

Glass Thickness

Typical to all Himmel Aluminium Systems the glass thickness ranges the suites can accommodate is 6mm – 12.78mm maximum for laminated glass. For more information on glass thickness and compliance with the Australia Building Code requirements, refer to the “Human Impact Safety Requirements”.

Glass Weight

Generally, 2mm Glass thickness per m2 = 5kg, ie 6mm glass = 15kg/m2

| | | |
|------|------|----|
| 8mm | 20kg | M2 |
| 10mm | 25kg | M2 |
| 12mm | 30kg | M2 |

GLASS TO METAL CONTACT

Glass should be installed without glass-to-metal contact, as thermal movement created by the different coefficients of expansion between glass and metal can cause breakage, particularly in annealed and laminated glass. Himmel Aluminium Systems provide for backing seals (ACE Captive Wedge) or glazing tapes. Where present these gaskets should be pre-installed as while some systems can be double wedged, this is a more costly glazing procedure, and not normally recommended by gasket and wedge suppliers or glass companies.

ACOUSTIC PERFORMANCE OF GLASS

The table below outlines calculated Rw and Rw+Ctr performance values to support the acoustic design of your glass partitions. If your project requires a higher level of acoustic performance, we recommend contacting your preferred glazier or an acoustic engineer.

| System | Laminated Glass (1) | Laminated Glass (2) | Glass Type | Air Gap | Rw | Ctr | Rw+CTR |
|--------------|---------------------|---------------------|-------------|---------|----|-----|--------|
| Single glass | 12.76 | | Generic PVB | Nil | 38 | -3 | 35 |
| AS104 | 10.38 | 10.38 | PVB 0.38mm | 47.5 | 48 | -8 | 40 |
| AS104 | 12.38 | 12.38 | PVB 0.38mm | 47.4 | 49 | -6 | 43 |
| AS132 | 12.38 | 10.38 | PVB 0.38mm | 76.7 | 51 | -6 | 45 |
| AS132 | 12.38 | 12.38 | PVB 0.38mm | 76.7 | 51 | -5 | 46 |
| AS132 | 12.76 | 12.76 | PVB 0.76mm | 76.7 | 52 | -6 | 46 |

Marshall Day Acoustics 2015 Predictor Key No. 3648

Compliance

Himmel aluminium is manufactured to the highest standards, supplied in accordance with Australian Standard AS1866 aluminium and aluminium alloys. All Anodized and painted extrusions to AS1231. Himmel aluminium systems have been independently assessed as compliant with NCC 2019 Vol 1 Amendment 1 BP1.3 “Glass Installations at Risk of Human Impact. The assessment has confirmed the performance of Himmel Aluminium Systems using laminated glass and the Himmel proprietary gasket systems.

STRUCTURAL ASSESSMENT

When installing any aluminium partition systems, we strongly recommend working with a structural engineer for the design and certification of lateral restraint of the top of partition walls. The NCC requires that all partition systems can resist all imposed loadings. You can expect your structural engineer to determine if your partitioning and wall system requires any seismic bracing. Seismic loading to AS1170.4 and Internal Wind Pressure loading to AS1170.2 results in the top of all partition suites requiring lateral restraint to resist all imposed forces. Suspended ceilings alone cannot provide sufficient lateral restraint, meaning structural bracing from the top or partition suites to the structural elements over is required for all Class 2-9 buildings.

Sustainability

Himmel Aluminium participates in the Living Building Challenge Declare program. You can make the right aluminium product decisions when designing and specifying for your projects by selecting aluminium products that have Declare material documentation available. Declare Labels provide a clear and informative “nutrition label” for building products by answering three simple questions: Where does a product come from? What is it made of? And where does it go at the end of its life? Declare aligns with our commitment to transparency in support of the Living Building Challenge’s Red List and Appropriate Sourcing Products in our Aluminium range.



Aluminium can be recycled indefinitely due to its high intrinsic value. Aluminium is also the most cost-effective metal or material to be recycled. Aluminium has been recycled since it was first commercially produced and today recycled aluminium accounts for one-third of global consumption worldwide. Recycling is an essential part of the aluminium industry and makes good sense economically, technically and ecologically. All aluminium products retain value, even at the end of their useful life, which guarantees that it is possible to continue to create value by recycling them into new products.

Warranty

All aluminium extrusions supplied by Himmel Interior Systems come with a standard 10-year warranty period. At the completion of each project your Himmel Account Manager will issue your specific warranty. Note: Warranty only covers the aluminium products, not the installation. This is the responsibility of the installer.

Technical Services and Specifications

Technical advice is available from our experienced team. Please see our company information page for your local contact – Himmel Contact Us. Our local Account Managers are available to support you on all your aluminium project requirements to ensure a smooth build.

CSR DesignLINK are also available to provide technical support to architects, designers, specifiers, and engineers to support major projects. This service is offered in conjunction with your local Account Manager to ensure you receive the very best local knowledge, combined with DesignLINK’s technical expertise.

Email: designlink@csr.com.au
Call 1800-621-117.

To support your project visit our website to download a copy of the Himmel Interior Systems Aluminium Specification Manual. www.himmel.com.au Our website also features CAD details on either individual components or fully assembled details for convenient transfer to specifier’s drawings. The file formats available for download are .DWG, .DXF, .PDF and Autodesk Revit .RVT

Specifications are also available online with Natspec branded section 0520 HIMMEL ALUMINIUM SYSTEMS www.natspec.com.au

HANDLING, STORING AND MAINTENANCE

Aluminium is one of the easiest materials to keep in good condition. It has a high natural resistance to corrosive conditions normally encountered during shipment and storage. The principal things to guard against are surface abrasions or water stains. Suppliers make every effort to pack aluminium so ‘traffic marks’ or ‘rub marks’ don’t occur during shipment and that it remains dry. All incoming shipments should be inspected promptly, since suppliers generally have a time limit in which damage claims will be honoured.

Traffic marks may appear as scratches, surface abrasions, or a condition resembling cinders embedded in the metal. They result from mechanical abrasion and subsequent oxidation. Their disadvantage lies in unsightliness and their effect on finishing operations. Water stain is a superficial condition and the mechanical properties of the metal having such a stain are not affected. If a shipment of aluminium arrives in a wet condition, it should be thoroughly dried before storing. This may be done by evaporation in air or by means of dry air currents. When the moisture is removed in this manner within a short period, no stain will result. Once safely dry, the metal should not be stored near obvious water sources as steam or pipes and should be kept at a reasonable distance from open doors and windows.

CLEANING

Aluminium has a natural beauty and lustre of its own, yet its surface can be treated in various ways to protect and enhance appearance, which can be maintained with regular, low maintenance attention. The surface of fabricated aluminium, whether untreated, anodised or coated, can be spoiled by improper care. Usual care is no more than periodic cleaning, similar to window glass. Anodising treatment will substantially enhance appearance, render the surface more resistant to various forms of attack and facilitate cleaning and maintenance. Grime which causes deterioration cannot be prevented from settling on exposed surfaces. If cleaned reasonably frequently then the mildest methods of washing will produce satisfactory results. There are many ways to clean aluminium, from water to harsh abrasives. The type of cleaning that should be used is governed by the finish, degree of soiling, and the size, shape and location of the surface to be cleaned. The mildest method possible should be used, particularly for aluminium which has been anodised.

With anodised aluminium, surface deterioration occurs as a result of grime deposition and moisture attack. In coastal environments it is caused by airborne chlorides, in industrial or urban environments by sulphur compounds. Grime deposits absorb contaminated moisture like a sponge, assisting attack on the film, which cannot be restored without removal. In rural areas, cleaning may be needed every six months. In industrial and marine environments, cleaning is recommended at least every three months, preferably monthly.

The following cleaning materials and procedures are listed in order of mild to harsh. The mildest treatment should be tried on a small area and if not satisfactory only then should the next be examined.

1. Plain water 2. Water with mild soap or detergent 3. Solvents, e.g. kerosene, turpentine, white spirit 4. Non-etching chemical cleaner 5. Wax-base polish 6. Abrasives + Abrasive wax.

After applying the cleaning agents, the surface should be washed down thoroughly and dried with a clean cloth to prevent streaking. There should be no concentration of the cleaner at the bottom edges of the aluminium. If using proprietary cleaners, the manufacturer’s recommendation should be obtained and followed carefully.

If abrasives are used, the aluminium finish may be altered. If there is a grain in the finish, then cleaning should be performed with the grain. If the condition of the surface indicates the use of abrasive or etching materials, consult a cleaning specialist. If all other methods fail it may be necessary to resort to heavy-duty cleaning. This involves the use of cleaners containing strong etching chemicals or coarse abrasives.

To keep your Aluminium looking it's best we recommend using our Aluminium Cleaning Block. Code: 155053





Partition A Series 104

A Series 104 provides a central line glazing with numerous configurations and design options offering a complete partition system for plasterboard and glazing.

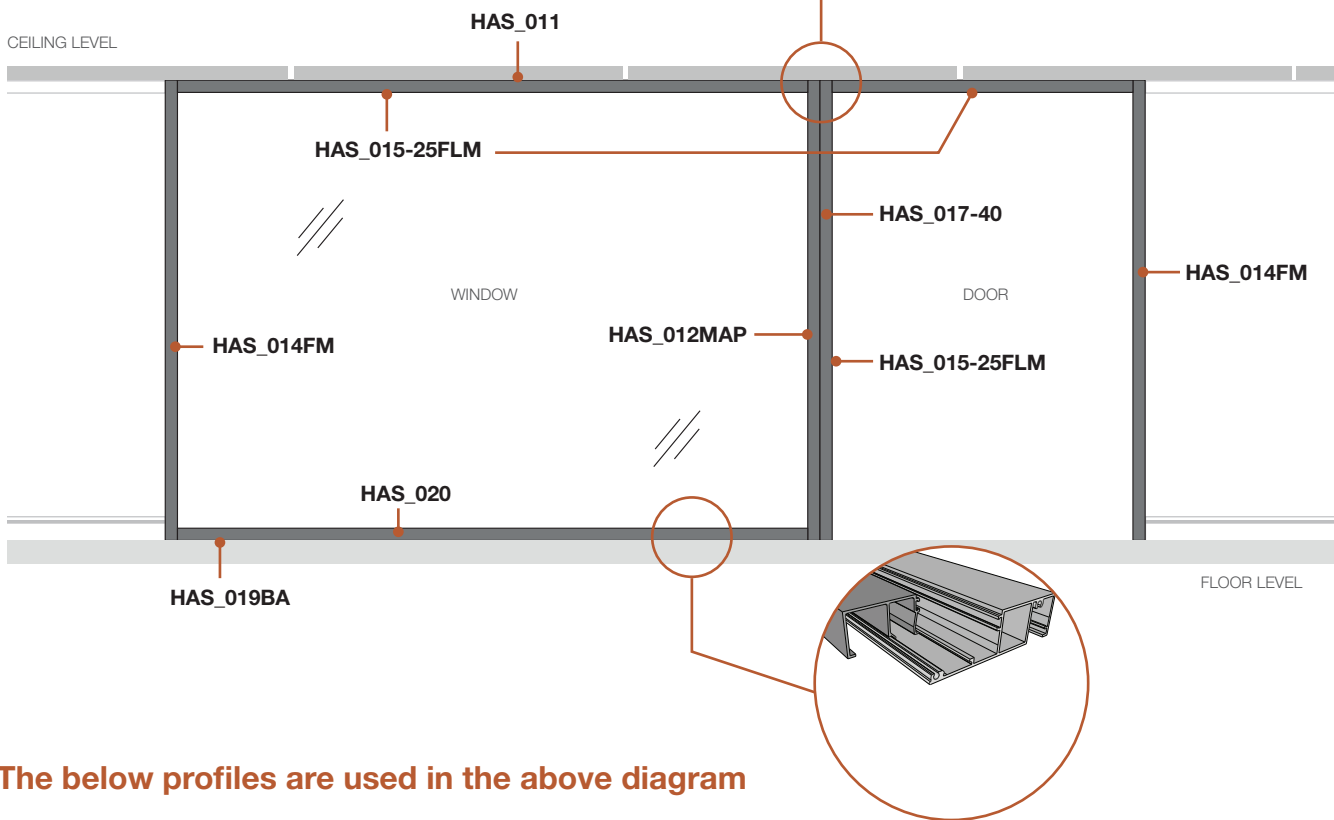
A Series 104 has the following features:

- 25mm / 35mm / 50mm reveal options
- Pocket depth inside 18mm
- Available length - 2800mm / 3600mm
- Centre glazing option only
- Standard wall size based on 64mm steel stud with one layer of 13mm Gyprock plaster board on each side
- Can accommodate glass thicknesses between 6mm and 12.38mm
- Door thicknesses between 35mm - 45mm can be used
- Shadowline details optional
- Can be used with CS45 and DS45 series

Typical Partition Elevations

Many partition systems have various ways to combine all components that can support catering to your individual project. We have featured the four most popular combinations to give you a great starting point. Our Account Managers are here to support you and ensure your project needs are catered for.

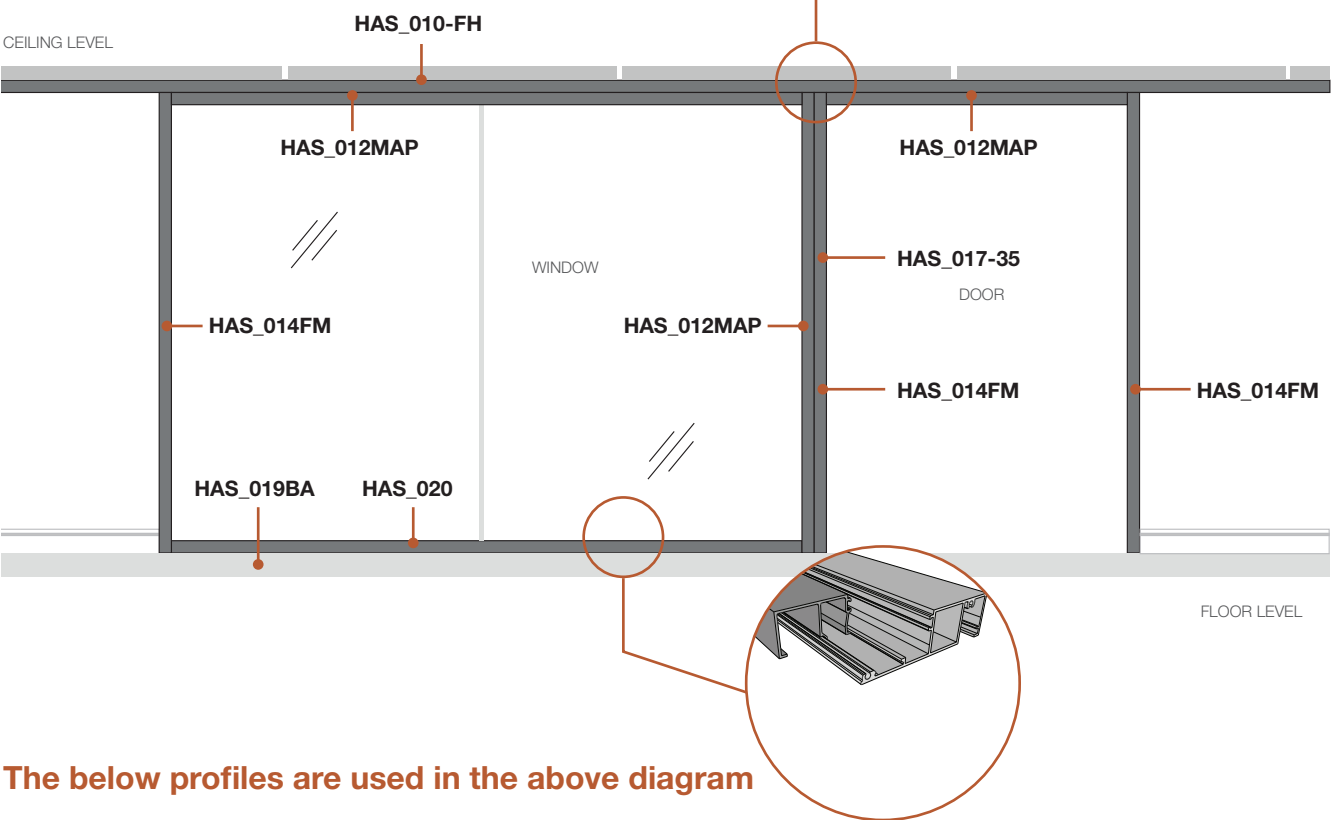
Wall Detail - Option 1



The below profiles are used in the above diagram

| | | | |
|--|--|---|--|
| | | | |
| HAS011 AS104 HAS011 FLUSH FILLER | HAS012-MAP AS104 MULLION ADAPTOR | HAS014FM AS104 FINNED MULLION | HAS015-25FLM AS104 FINLESS MULLION |
| | | | |
| HAS017-40 AS104 SNAP IN DOORSTOP 45MM DOORS | HAS019BA AS104 GLAZING BASE | HAS020 AS104 GLAZING BEAD | |

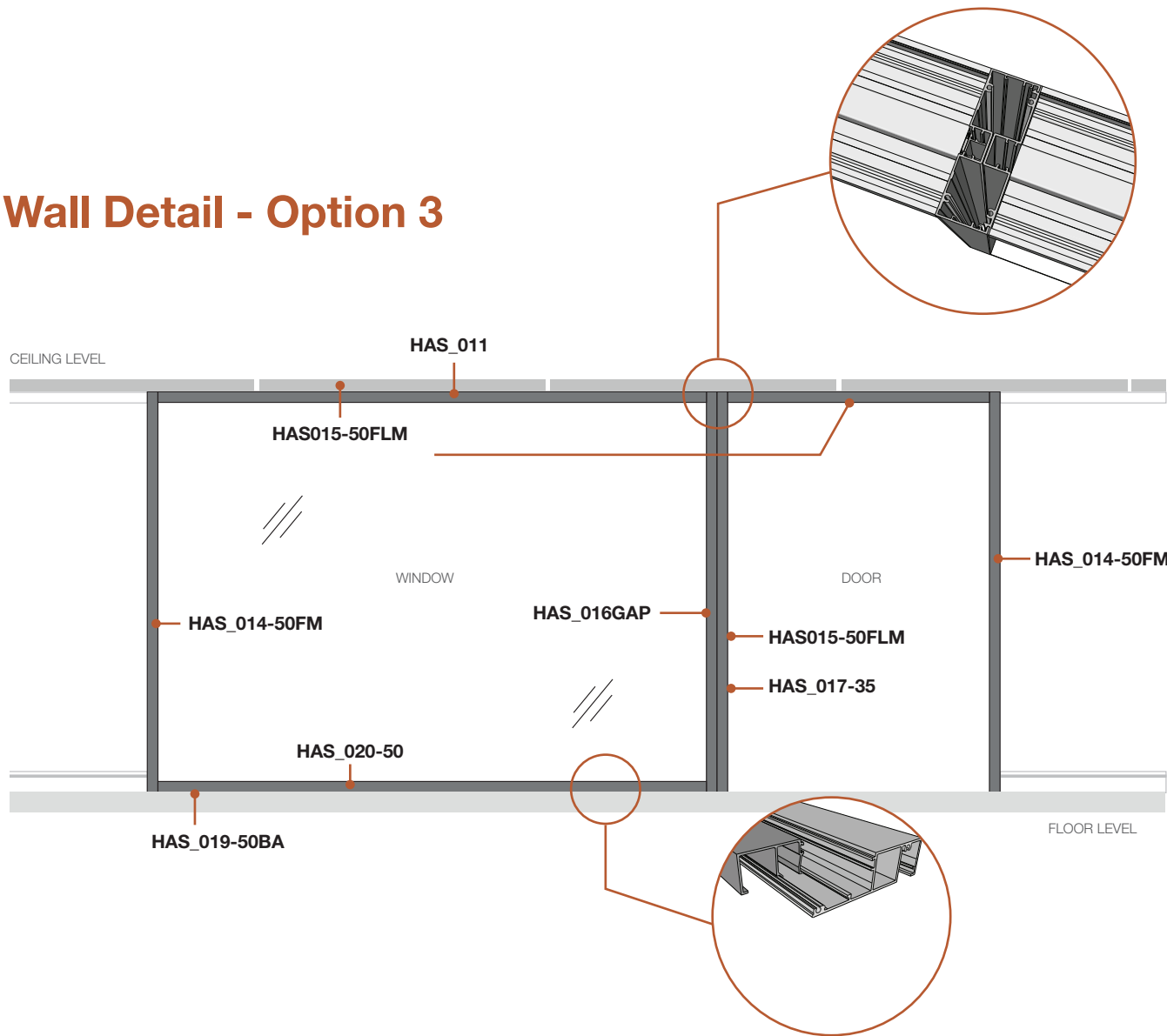
Wall Detail - Option 2



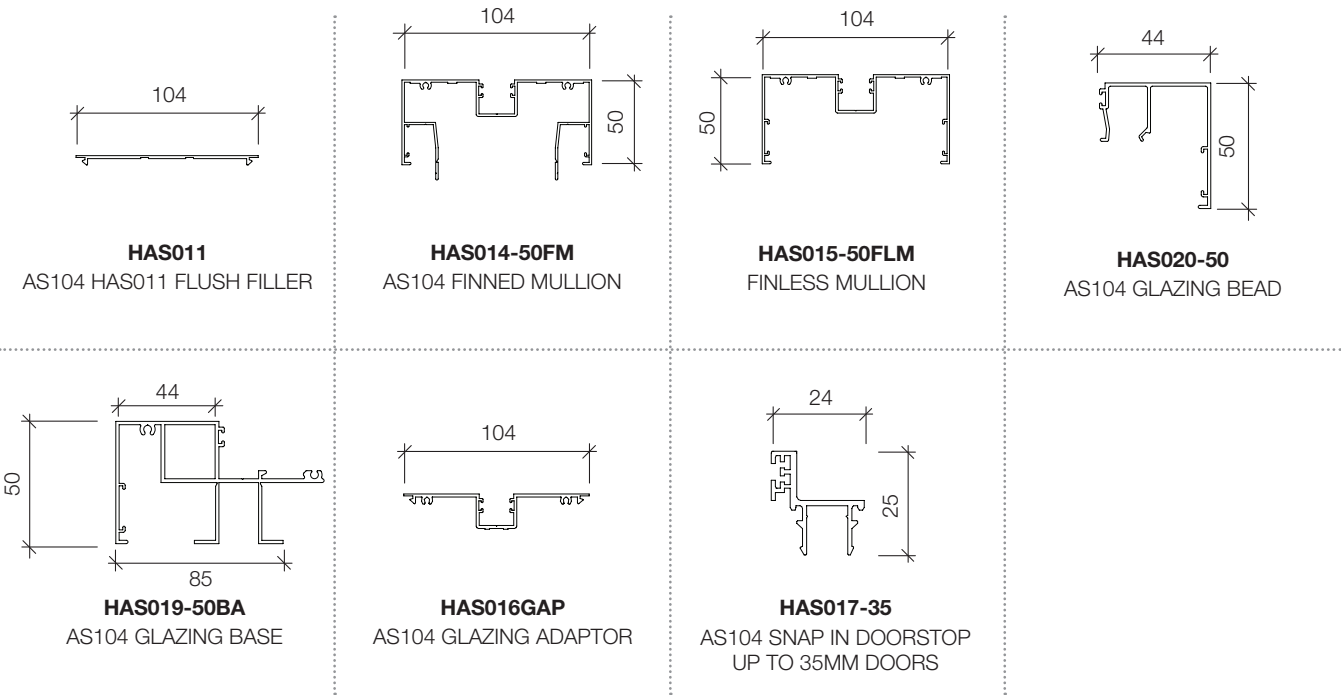
The below profiles are used in the above diagram

| | | |
|--|---|---|
| | | |
| HAS012-MAP AS104 MULLION ADAPTOR | HAS014FM AS104 FINNED MULLION | HAS010-FH AS104 HEAD/SILL TRACK |
| | | |
| HAS017-35 AS104 SNAP IN DOORSTOP UP TO 35MM DOORS | HAS019BA AS104 GLAZING BASE | HAS020 AS104 GLAZING BEAD |

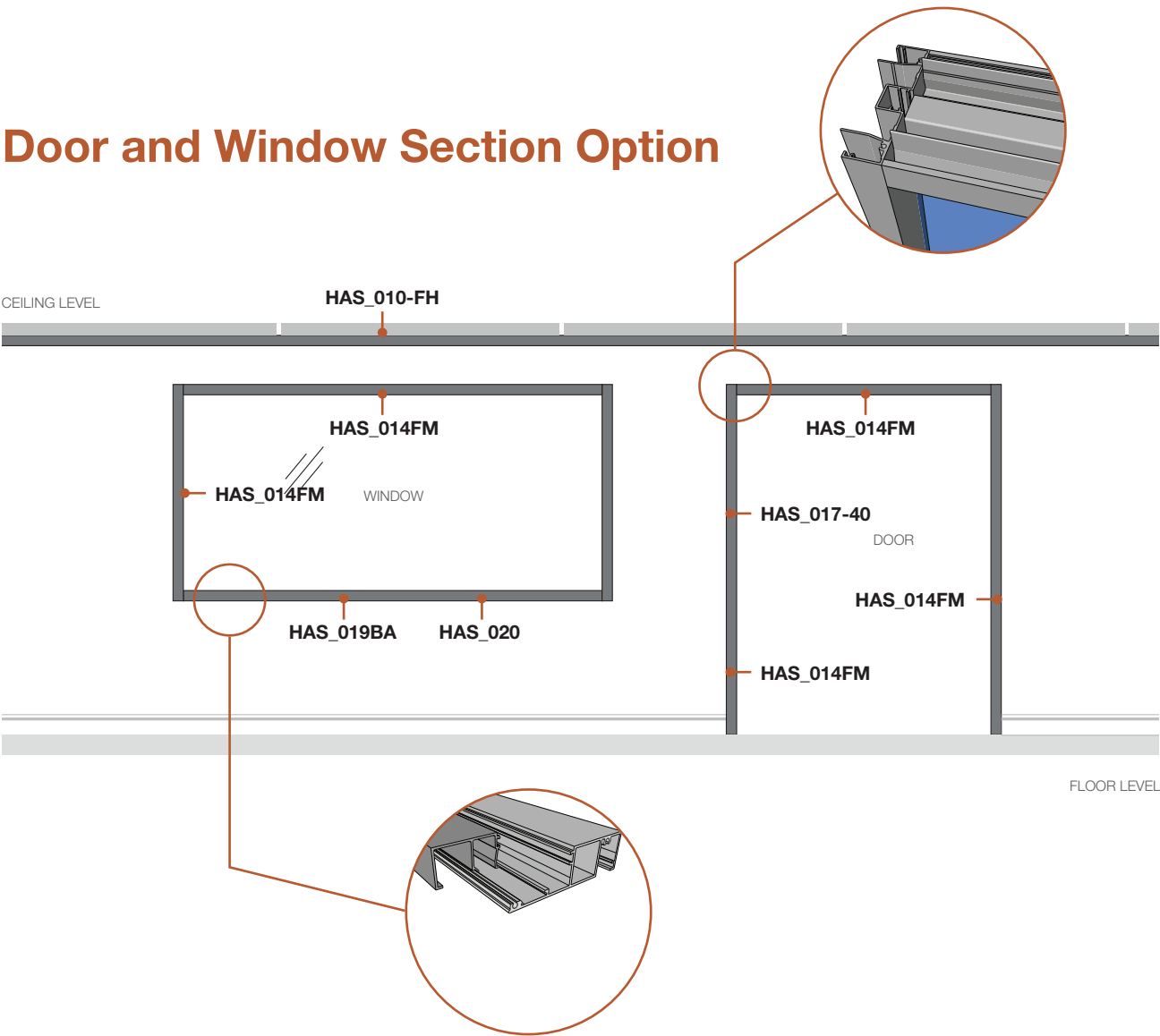
Wall Detail - Option 3



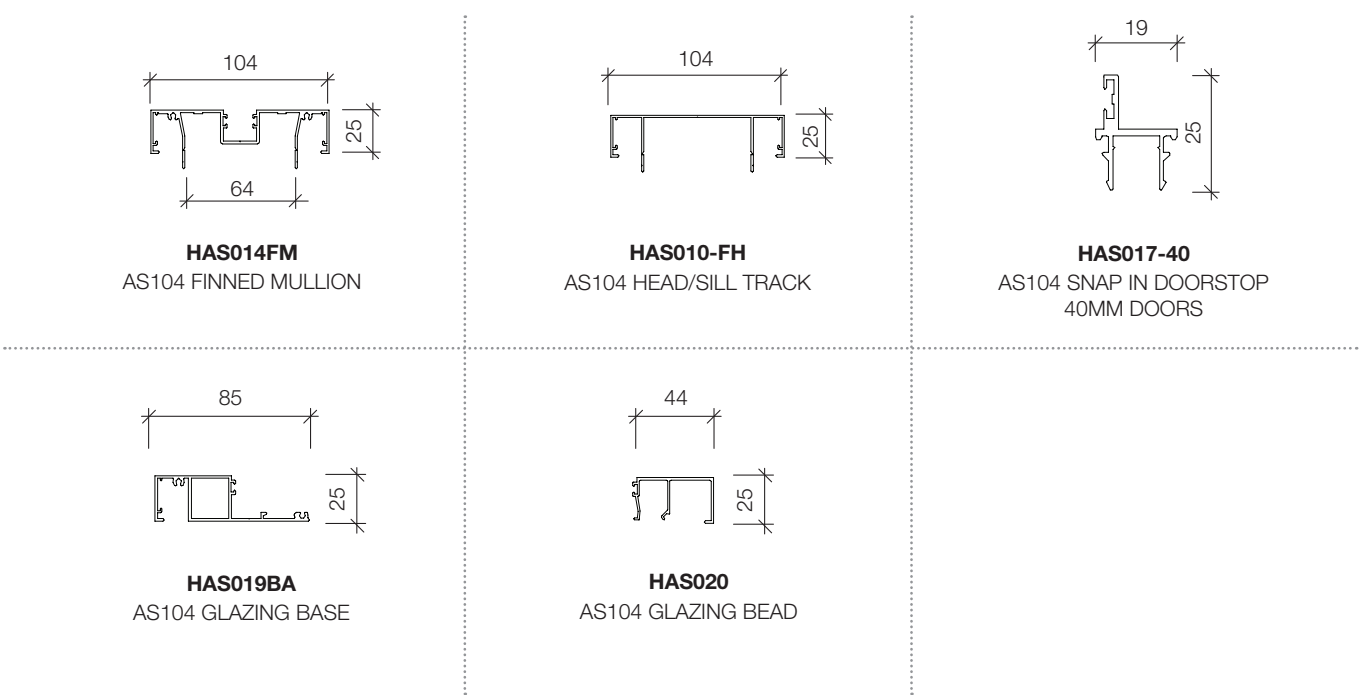
The below profiles are used in the above diagram



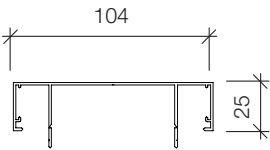
Door and Window Section Option



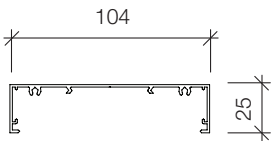
The below profiles are used in the above diagram



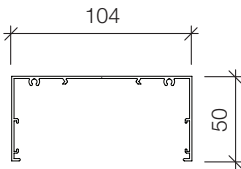
Suite Profiles



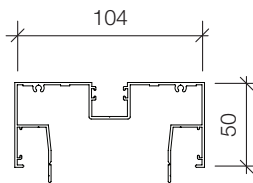
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AS104 HEAD/SILL TRACK
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3.6M C/A: 181680
2.8M BLK: 160222
3.6M BLK: 181682



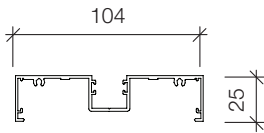
HAS010-A
AS104 HEAD TRACK
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3.6M C/A: 197633
2.8M BLK: 197632
3.6M BLK: 197635



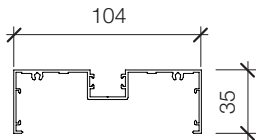
HAS010-A-50
AS104 HAS010-A-50 COC TRANSOM
2.8M C/A: 181632
3.6M C/A: 181685
2.8M BLK: 181634
3.6M BLK: 181687



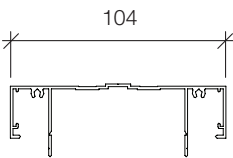
HAS014-50FM
AS104 FINNED MULLION
2.8M C/A: 455353
3.6M C/A: 455356
2.8M BLK: 455355
3.6M BLK: 455358



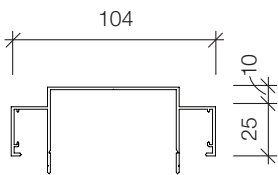
HAS015-25FLM
AS104 FINLESS MULLION
2.8M C/A: 155062
3.6M C/A: 162583
2.8M BLK: 160223
3.6M BLK: 181690



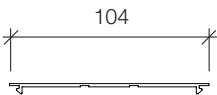
HAS015-35FLM
AS104 FINLESS MULLION
2.8M C/A: 197652
3.6M C/A: 197655
2.8M BLK: 197654
3.6M BLK: 197657



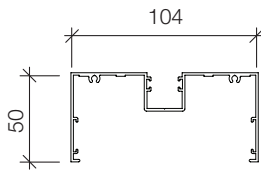
HAS010-R
AS104 REBATED HEAD TRACK
2.8M C/A: 453242
3.6M C/A: 453247
2.8M BLK: 453246
3.6M BLK: 453249



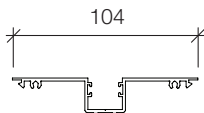
HAS010-SH
AS104 SHADOWLINE HEADTRACK
2.8M C/A: 155064
3.6M C/A: 181695
2.8M BLK: 182828
3.6M BLK: 181697



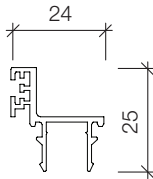
HAS011
AS104 HAS011 FLUSH FILLER
2.8M C/A: 155059
3.6M C/A: 181591
2.8M BLK: 160226
3.6M BLK: 181593



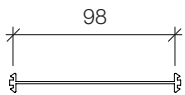
HAS015-50FLM
FINLESS MULLION
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3.6M C/A: 181721
2.8M BLK: 160231
3.6M BLK: 170030



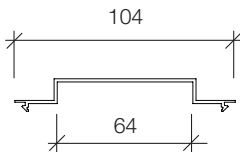
HAS016GAP
AS104 GLAZING ADAPTOR
2.8M C/A: 155060
3.6M C/A: 181609
2.8M BLK: 160233
3.6M BLK: 181611



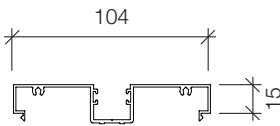
HAS017-35
AS104 SNAP IN DOORSTOP
UP TO 35MM DOORS
2.8M C/A: 155057
3.6M C/A: 169978
2.8M BLK: 160228
3.6M BLK: 180884



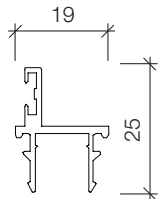
HAS011-JP
AS104 FLAT TERMINATION CAP
2.8M C/A: 181566
3.6M C/A: 181590



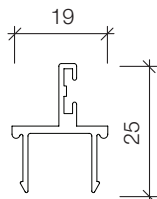
HAS011-SH
AS104 JOINTING PLATE
2.8M C/A: 181570
3.6M C/A: 181596



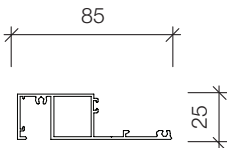
HAS012-MAP
AS104 MULLION ADAPTOR
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3.6M C/A: 180886
2.8M BLK: 160225
3.6M BLK: 180882



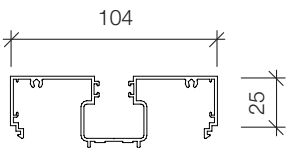
HAS017-40
AS104 SNAP IN DOORSTOP
40MM DOORS
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3.6M C/A: 181537
2.8M BLK: 181518
3.6M BLK: 181539



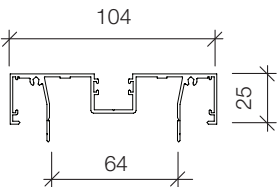
HAS018-45
AS104 SNAP IN DOORSTOP
40MM DOORS
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3.6M C/A: 181084
2.8M BLK: 160227
3.6M BLK: 181085



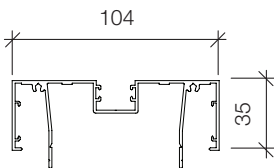
HAS019BA
AS104 GLAZING BASE
2.8M C/A: 155063
3.6M C/A: 162584
2.8M BLK: 160229
3.6M BLK: 180883



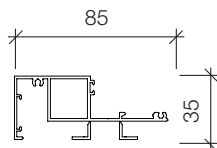
HAS014-A
AS104 DEEP POCKET MULLION
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3.6M C/A: 197649
2.8M BLK: 197648
3.6M BLK: 197651



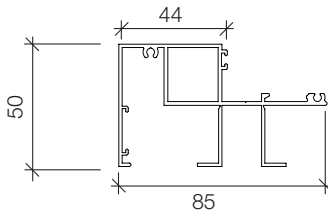
HAS014FM
AS104 FINNED MULLION
2.8M C/A: 155067
3.6M C/A: 169979
2.8M BLK: 160224
3.6M BLK: 181730



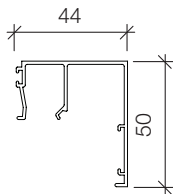
HAS014-35FM
AS104 FINNED MULLION
2.8M C/A: 197640
3.6M C/A: 197643
2.8M BLK: 197642
3.6M BLK: 197645



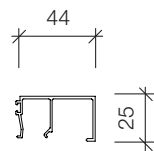
HAS019-35BA
AS104 GLAZING BASE
2.8M C/A: 197658
3.6M C/A: 197661
2.8M BLK: 197660
3.6M BLK: 197663



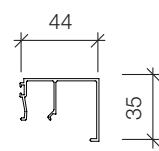
HAS019-50BA
AS104 GLAZING BASE
2.8M C/A: 155065
3.6M C/A: 181717
2.8M BLK: 160232
3.6M BLK: 170031



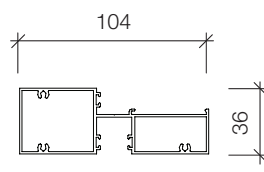
HAS020-50
AS104 GLAZING BEAD
2.8M C/A: 455359
3.6M C/A: 455362
2.8M BLK: 455361
3.6M BLK: 455364



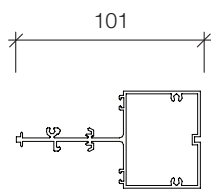
HAS020
AS104 GLAZING BEAD
2.8M C/A: 197664
3.6M C/A: 197667
2.8M BLK: 197666
3.6M BLK: 197669



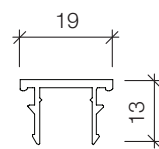
HAS020-35
AS104 GLAZING BEAD
2.8M C/A: 197670
3.6M C/A: 197673
2.8M BLK: 197672
3.6M BLK: 197675



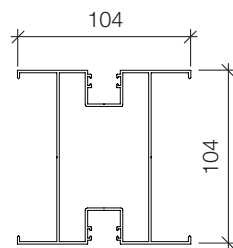
HAS021-A
AS104 GLAZING TRANSOM
2.8M C/A: 453260
3.6M C/A: 453263
2.8M BLK: 453262
3.6M BLK: 453265



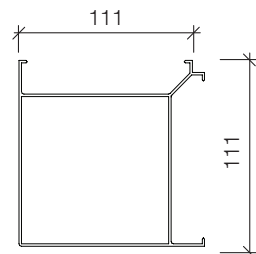
HAS021-B
AS104 GLAZING TRANSOM
2.8M C/A: 197676
3.6M C/A: 197679
2.8M BLK: 197678
3.6M BLK: 197681



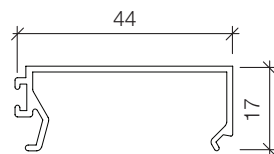
HAS023FP
AS104 FILLER PLATE
2.8M C/A: 155007
3.6M C/A: 181510
2.8M BLK: 181502
3.6M BLK: 181512



HAS024-CP
AS104 CORNER POST
2.8M C/A: 155070
3.6M C/A: 181749
2.8M BLK: 160234
3.6M BLK: 181751



HAS024-FCP
AS104 FLUSH CORNER POST
2.8M C/A: 197682
3.6M C/A: 197685
2.8M BLK: 197684
3.6M BLK: 197687



HAS022BE
AS104 TRANSOM BEAD
2.8M C/A: 155056
3.6M C/A: 162597
2.8M BLK: 160230
3.6M BLK: 170032



Partition A Series 132

A Series 132 provides a central line glazing with numerous configurations and design options, offering a complete partition system for Gyprock plasterboard and glazing.

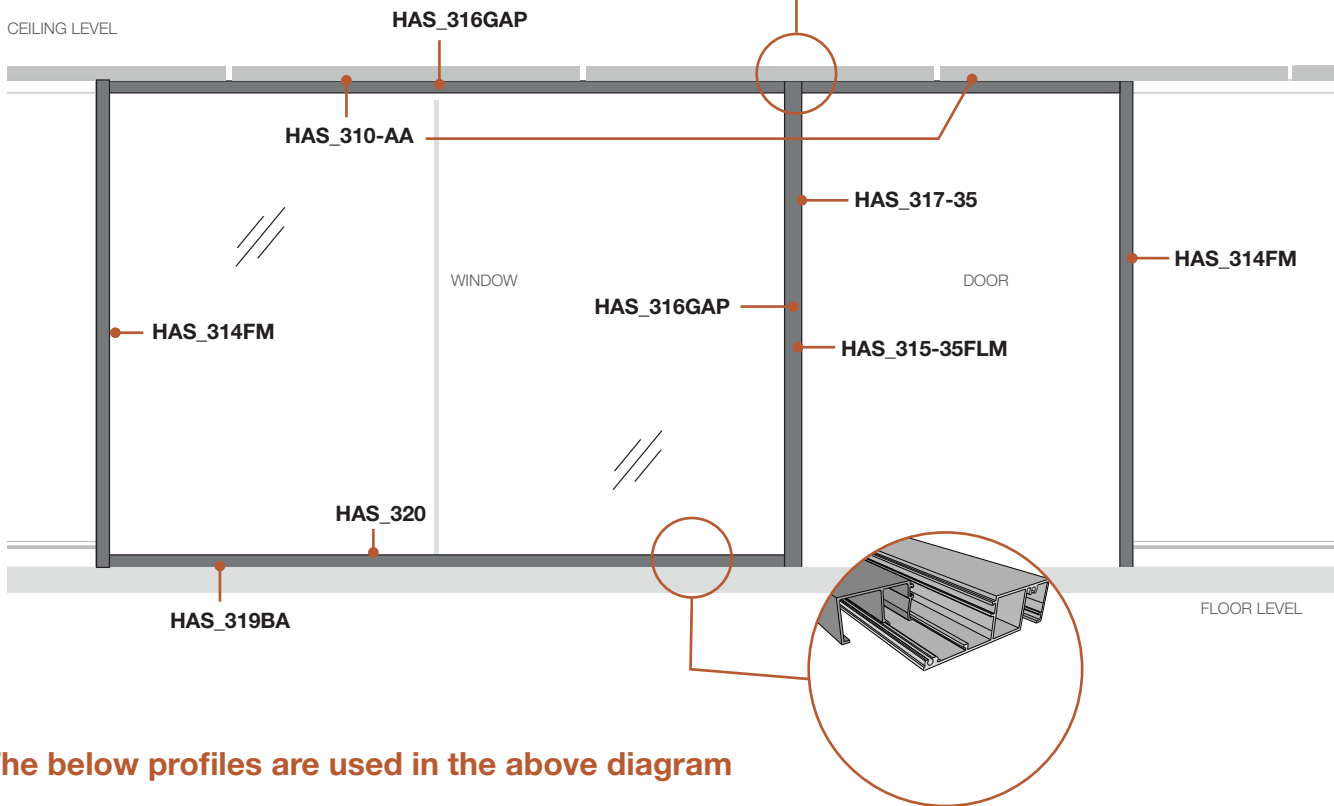
A Series 132 has the following features:

- Standard profile size of 132mm x 25mm, 132mm x 35mm
- Pocket depth inside 18mm
- Standard wall size based around 92mm steel stud with our layer of 13mm Gyprock plaster board on each side
- Can accommodate glass thickness between 6mm – 12.76mm
- Door thickness between 35mm -45mm can be used
- Shadow line details optional

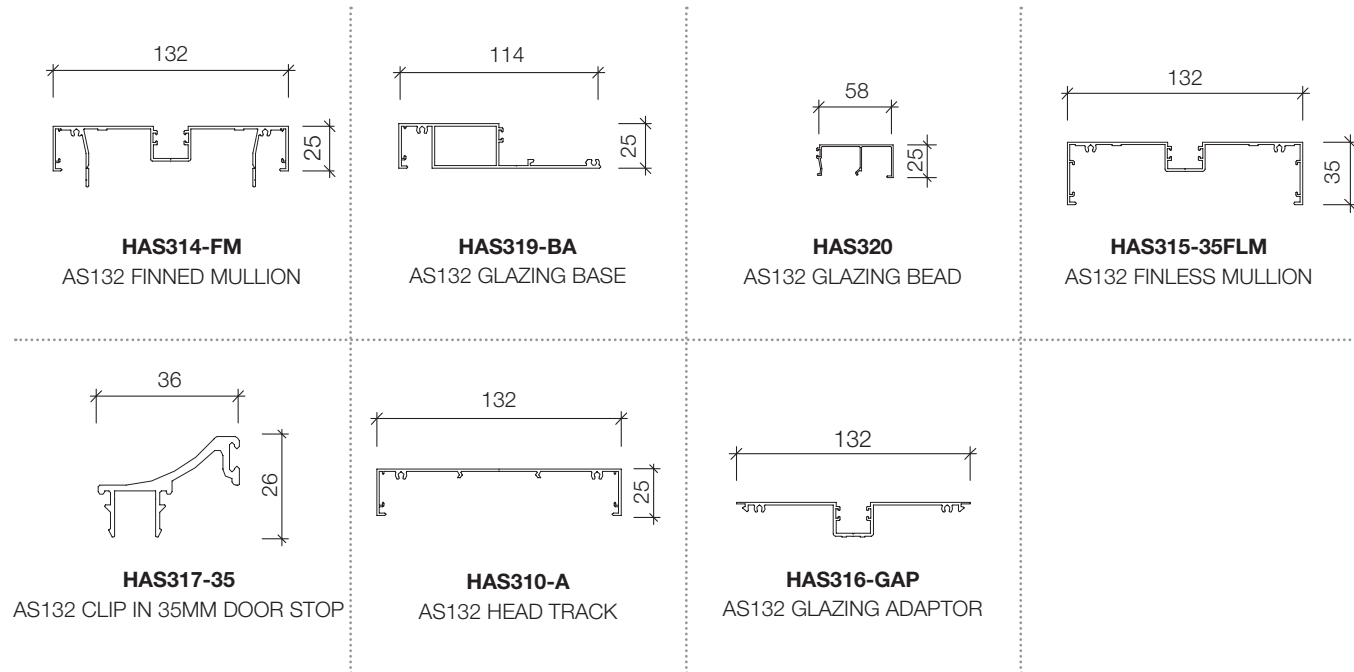
Typical Partition Elevations

Many partition systems have various ways to combine all components that can support catering to your individual project. We have featured the two most popular combinations below to give you a great starting point. Our Account Managers are here to support you and ensure your project needs are catered for.

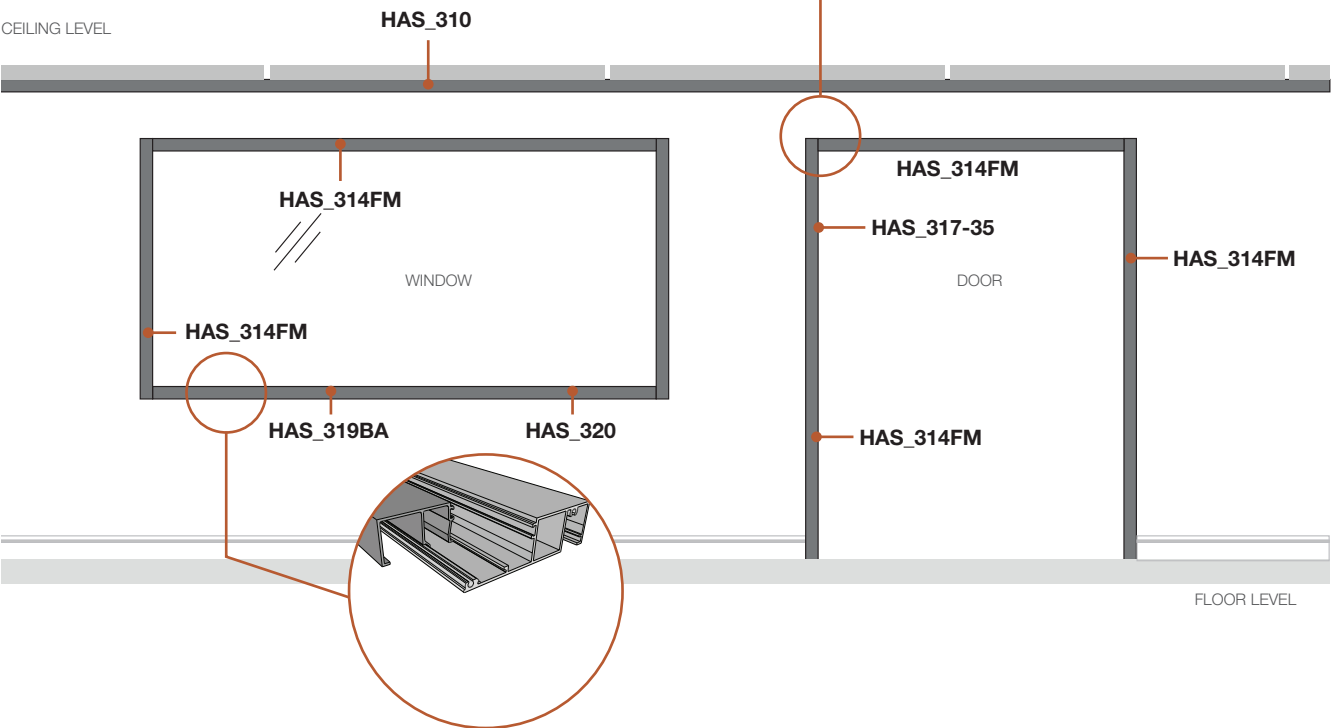
Wall Detail Option



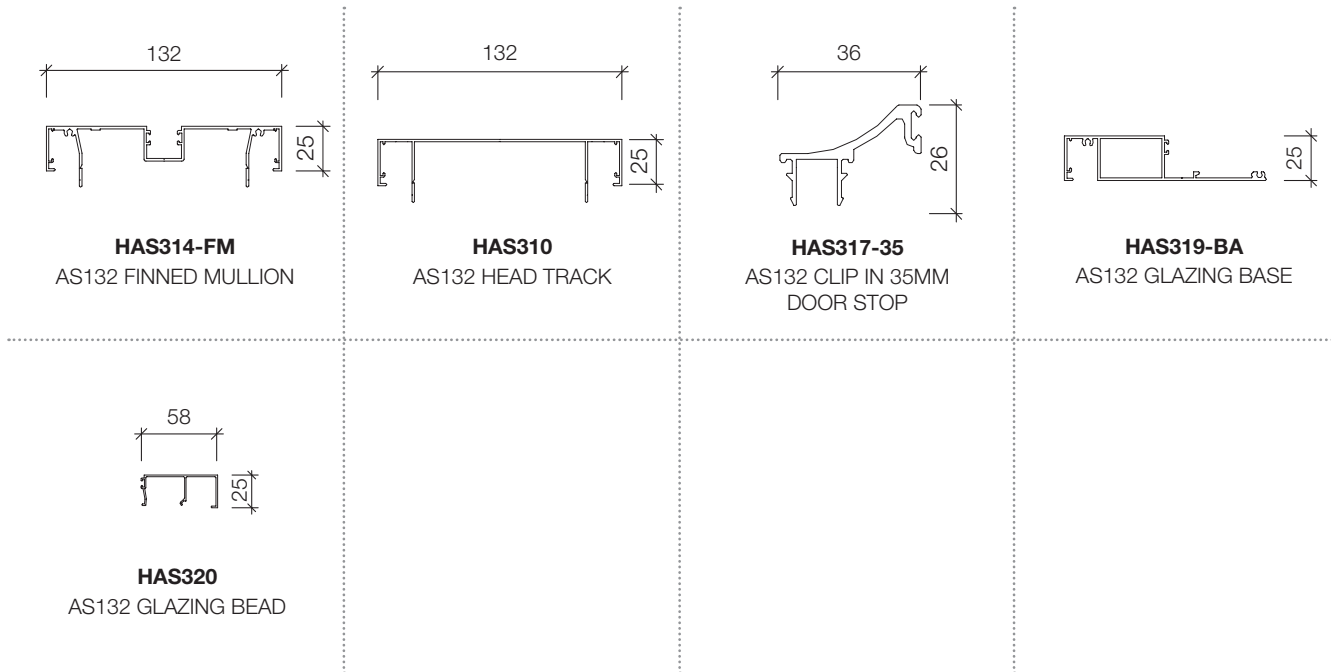
The below profiles are used in the above diagram



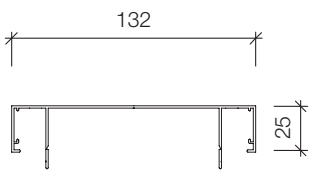
Door and Window Sections Option



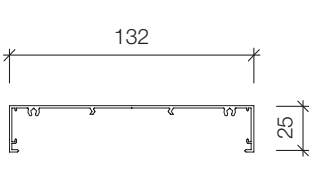
The below profiles are used in the above diagram



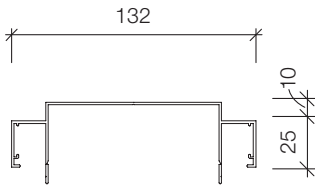
Suite Profiles



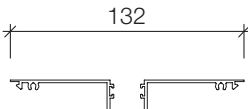
HAS310
AS132 HEAD TRACK
2.8M C/A: 181672
3.6M C/A: 181724
2.8M BLK: 452617
3.6M BLK: 452622



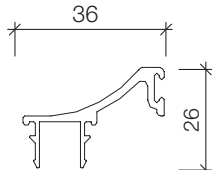
HAS310-A
AS132 HEAD TRACK
2.8M C/A: 452633
3.6M C/A: 452636
2.8M BLK: 452635
3.6M BLK: 452638



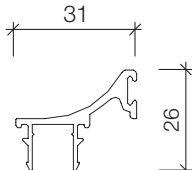
HAS310-SH
AS132 SHADOWLINE HEAD TRACK
2.8M C/A: 181647
3.6M C/A: 181706
2.8M BLK: 452642
3.6M BLK: 452644



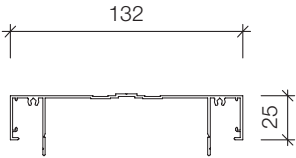
HAS316-GAP
AS132 GLAZING ADAPTOR
2.8M C/A: 181621
3.6M C/A: 181662
2.8M BLK: 452673
3.6M BLK: 452675



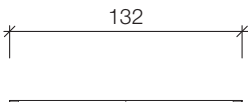
HAS317-35
AS132 CLIP IN 35MM DOOR STOP
2.8M C/A: 197692
3.6M C/A: 197695
2.8M BLK: 197694
3.6M BLK: 197697



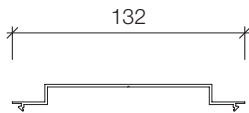
HAS317-40
AS132 CLIP IN 40MM DOOR STOP
2.8M C/A: 197698
3.6M C/A: 197701
2.8M BLK: 197700
3.6M BLK: 197703



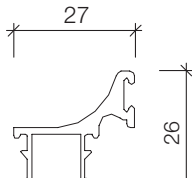
HAS310-R
AS132 REBATED HEAD TRACK
2.8M C/A: 452625
3.6M C/A: 452628
3.6M BLK: 452630



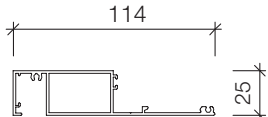
HAS311-FF
AS132 FLUSH FILLER
2.8M C/A: 181588
3.6M C/A: 181606
2.8M BLK: 452723
3.6M BLK: 452724



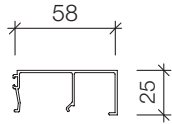
HAS311-SH
AS132 SHADOW CAP
2.8M C/A: 452648
3.6M C/A: 452649
2.8M BLK: 464685



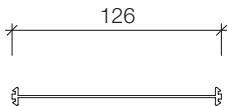
HAS318-45
AS132 CLIP IN 45MM DOOR STOP
2.8M C/A: 451472
3.6M C/A: 451475
2.8M BLK: 451474
3.6M BLK: 451477



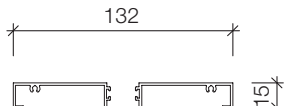
HAS319-BA
AS132 GLAZING BASE
2.8M C/A: 181665
3.6M C/A: 181720
2.8M BLK: 452677
3.6M BLK: 452679



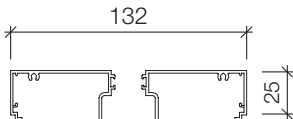
HAS320
AS132 GLAZING BEAD
2.8M C/A: 452680
3.6M C/A: 452683
2.8M BLK: 452682
3.6M BLK: 452685



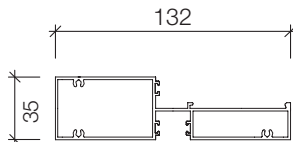
HAS311-JP
AS132 JOINTING PLATE
2.8M C/A: 187575
3.6M C/A: 452646
2.8M BLK: 464683
3.6M BLK: 464684



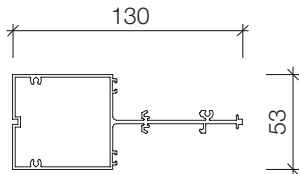
HAS312-MAP
AS132 MULLION ADAPTOR
2.8M C/A: 181644
3.6M C/A: 181701
2.8M BLK: 452652
3.6M BLK: 452654



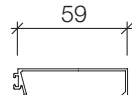
HAS314-A
AS132 DEEP POCKET MULLION
2.8M C/A: 452657
3.6M C/A: 452660
2.8M BLK: 452659
3.6M BLK: 452662



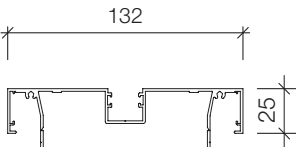
HAS321-A
AS132 GLAZING TRANSOM
2.8M C/A: 453359
3.6M C/A: 453372
2.8M BLK: 453371
3.6M BLK: 453374



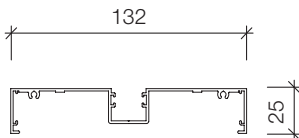
HAS321-B
AS132 GLAZING TRANSOM
2.8M C/A: 452686
3.6M C/A: 452689
2.8M BLK: 452688
3.6M BLK: 452691



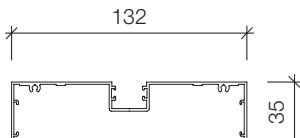
HAS322BE
AS132 GLAZING BEAD
2.8M C/A: 181546
3.6M C/A: 181561
2.8M BLK: 452692
3.6M BLK: 452693



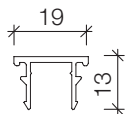
HAS314-FM
AS132 FINNED MULLION
2.8M C/A: 181704
3.6M C/A: 181741
2.8M BLK: 452655
3.6M BLK: 452656



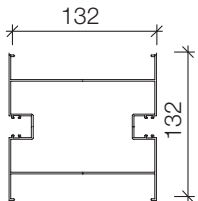
HAS315-25FLM
AS132 FINLESS MULLION
2.8M C/A: 181646
3.6M C/A: 181705
2.8M BLK: 452664
3.6M BLK: 452666



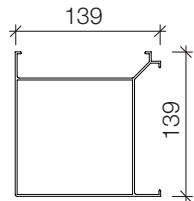
HAS315-35FLM
AS132 FINLESS MULLION
2.8M C/A: 452667
3.6M C/A: 452670
2.8M BLK: 452669
3.6M BLK: 452672



HAS023FP
AS132 FILLER PLATE
2.8M C/A: 155007
3.6M C/A: 181510
2.8M BLK: 181502
3.6M BLK: 181512



HAS324-CP
AS132 CORNER POST
2.8M C/A: 181753
3.6M C/A: 452695
2.8M BLK: 452694
3.6M BLK: 452697



HAS324-FCP
AS132 FLUSH CORNER POST
2.8M C/A: 452698
3.6M C/A: 452701
2.8M BLK: 452700
3.6M BLK: 452703



Partition C Series 45

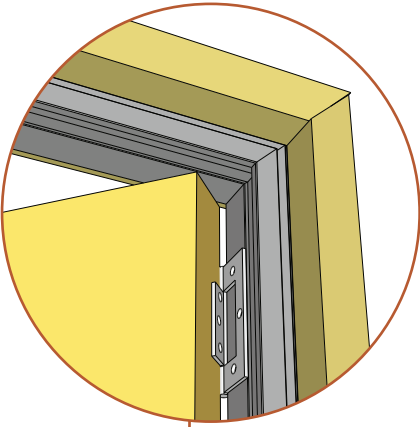
C Series 45 is used as a commodity system when the budget is a factor, it can be designed into the A Series for a slimmer look.

C Series 45 has the following features:

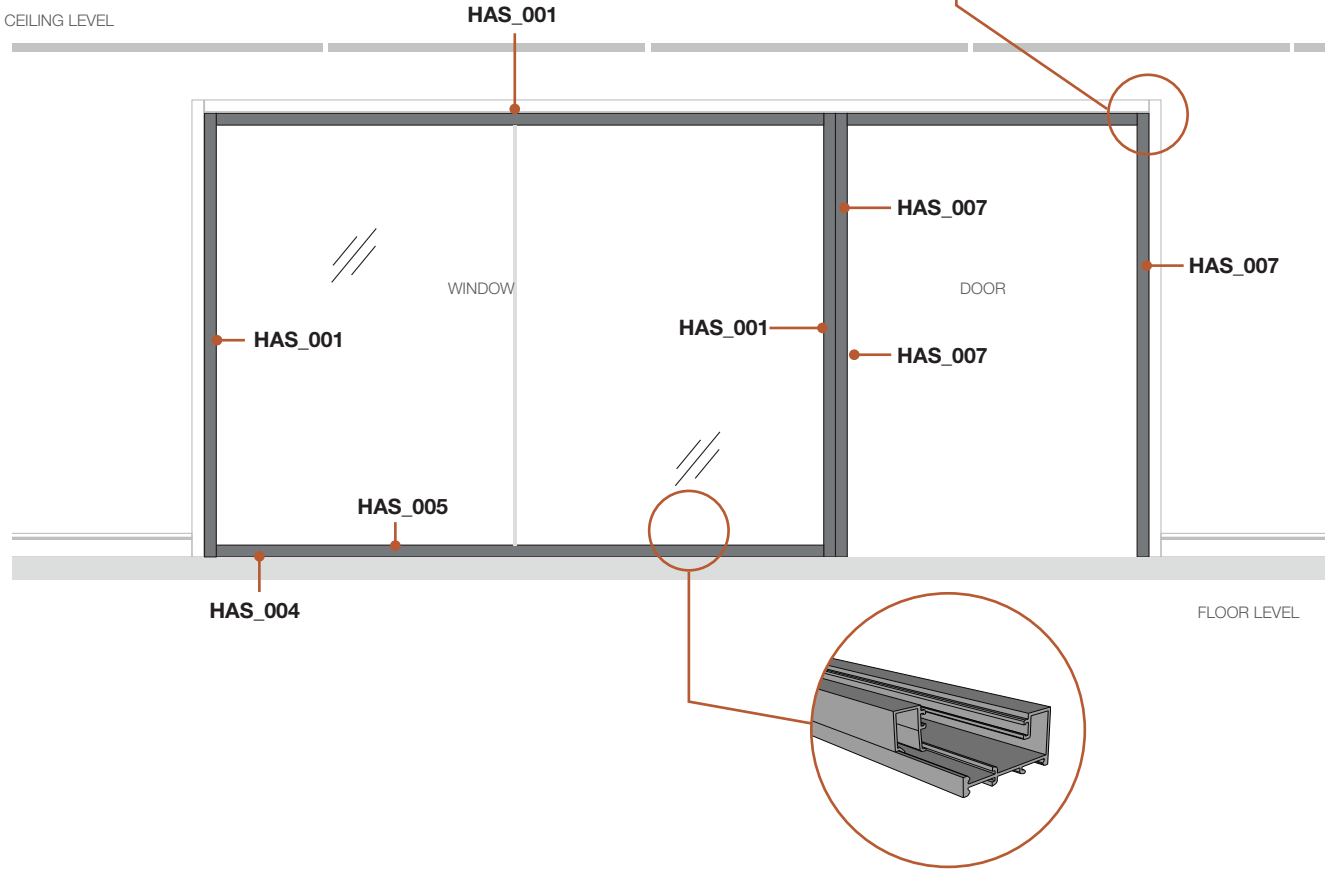
- Standard glazing profile of 45mm wide x 25mm high
- Stocked in 2 colours (Clear anodised / Powder coated Black)
- Can be used with the AS104/AS132 suite by using the Head/sill track
- Can accommodate glass thicknesses between 6mm and 13mm
- Can accommodate door thicknesses between 35mm and 45mm
- Door frame kits available

Typical Partition Elevations

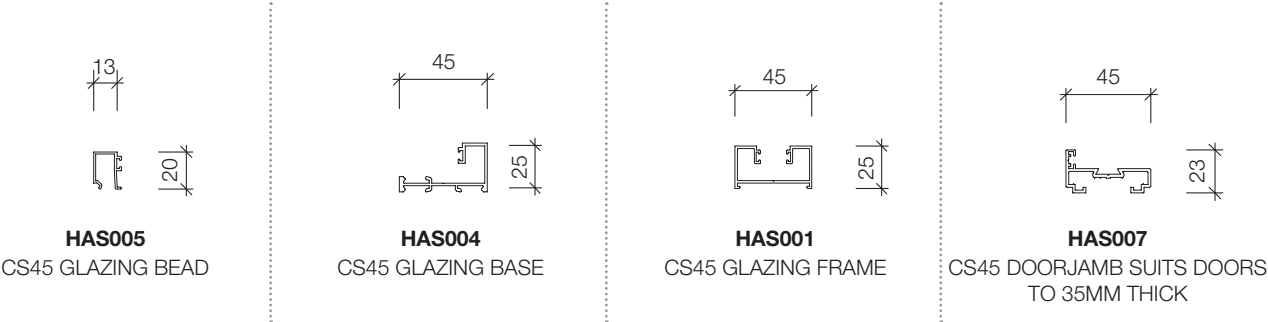
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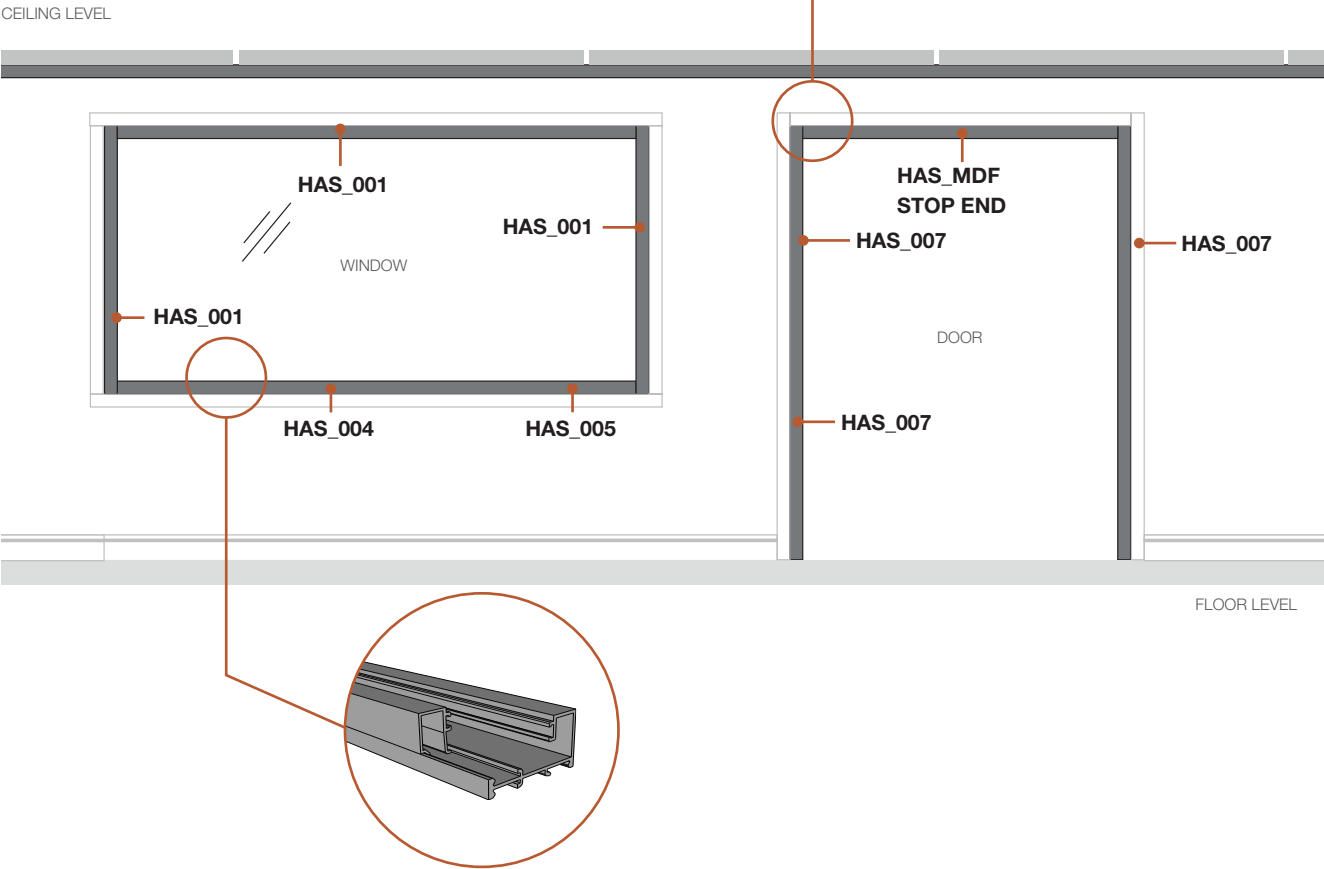
Wall Detail - Option



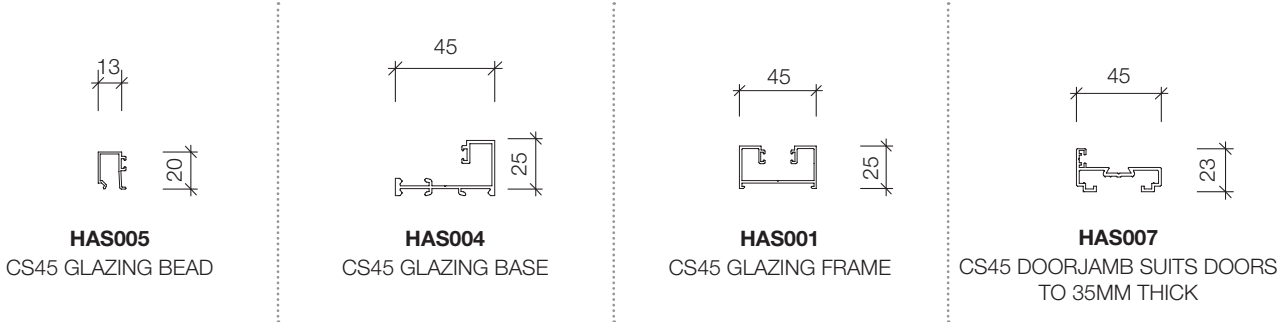
The below profiles are used in the above diagram



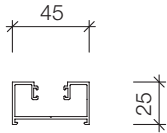
Door and Window Section Option



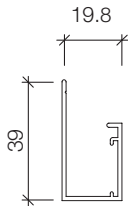
The below profiles are used in the above diagram



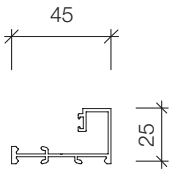
Suite Profiles



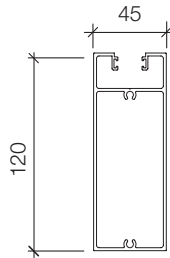
HAS001
CS45 GLAZING FRAME
2.8M C/A: 176904
3.6M C/A: 181581
2.8M BLK: 181563
3.6M BLK: 181583
2.8M WHT: 181564



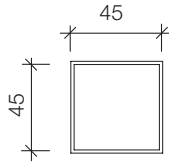
HAS002
CS45 EXTENDER TRACK
3.6M C/A: 455350
3.6M BLK: 455352



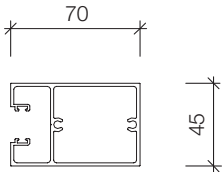
HAS004
CS45 GLAZING BASE
2.8M C/A: 103275
3.6M C/A: 167894
2.8M BLK: 160173
3.6M BLK: 181573
2.8M WHT: 154967
3.6M WHT: 179047



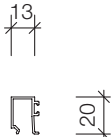
HAS004-GP120
CS45 GLAZING POST
2.8M C/A: 453838
3.6M C/A: 453971
2.8M BLK: 453970
3.6M BLK: 453973



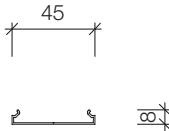
HAS 45X45MM
CS45 45X45MM BOX POST
2.8M C/A: 103279
6.5M C/A: 181993
2.8M BLK: 160221
6.5M BLK: 188037



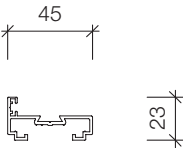
HAS004-GP70
CS45 GLAZING POST
2.8M C/A: 450245
3.6M C/A: 450248
2.8M BLK: 450247
3.6M BLK: 450270



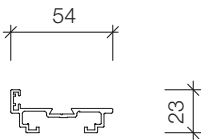
HAS005
CS45 GLAZING BEAD
2.8M C/A: 103250
3.6M C/A: 167895
2.8M BLK: 160211
3.6M BLK: 181529
2.8M WHT: 154968
3.6M WHT: 179048



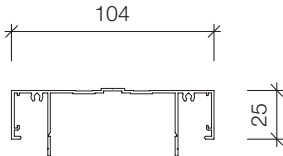
HAS006
CS45 GLAZING COVER
2.8M C/A: 155054
3.6M C/A: 181520
2.8M BLK: 160212
3.6M BLK: 181522
2.8M WHT: 181505



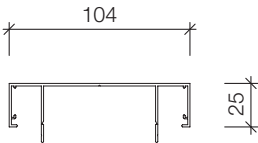
HAS007
CS45 DOORJAMB SUITS DOORS
TO 35MM THICK
2.8M C/A: 103271
3.6M C/A: 167897
2.8M BLK: 160213
3.6M BLK: 181586
2.8M WHT: 475083



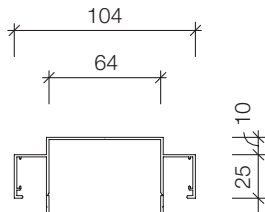
HAS008
CS45 DOORJAMB SUITS DOORS
TO 40-45MM THICK
2.8M C/A: 103272
3.6M C/A: 181602
2.8M BLK: 160215
3.6M BLK: 181604
2.8M WHT: 181576



HAS010-R
AS104 REBATED HEAD TRACK
2.8M C/A: 453242
3.6M C/A: 453247
2.8M BLK: 453246
3.6M BLK: 453249



HAS010-FH
AS104 HEAD/SILL TRACK
2.8M C/A: 103278
3.6M C/A: 181680
2.8M BLK: 160222
3.6M BLK: 181682



HAS010-SH
AS104 SHADOWLINE HEADTRACK
2.8M C/A: 155064
3.6M C/A: 181695
2.8M BLK: 182828
3.6M BLK: 181697



HAS011
AS104 FLUSH FILLER
2.8M C/A: 155059
3.6M C/A: 181591
2.8M BLK: 160226
3.6M BLK: 181593

Door Jamb Kits

Himmel Aluminium door kits are a complete system that saves you time and money. Made from high quality aluminium, the kit includes everything required to build a complete aluminium door. Himmel offers options for a 35mm or 45mm kits.



Door Jamb Kits 35mm

| CS45 35MM DOOR JAMB KIT C/A 155068 P/B 160214 | |
|--|-----|
| ITEM | QTY |
| HAS STAKE 1 Staking Angle | 2 |
| HAS007 DOOR JAMB 2.8m- verticals | 2 |
| HAS007 DOOR JAMB 1.0m- horizontal | 1 |

Door Jamb Kits 45mm

| CS45 45MM DOOR JAMB KIT C/A 155069 P/B 160216 | |
|--|-----|
| ITEM | QTY |
| HAS STAKE 1 Staking Angle | 2 |
| HAS008 DOOR JAMB 2.8m- verticals | 2 |
| HAS008 DOOR JAMB 1.0m- horizontal | 1 |



Partition DS Series 45

DS Series 45 are a combination of doors and sliders designed to fit with Himmel Aluminium Systems, with the following features:

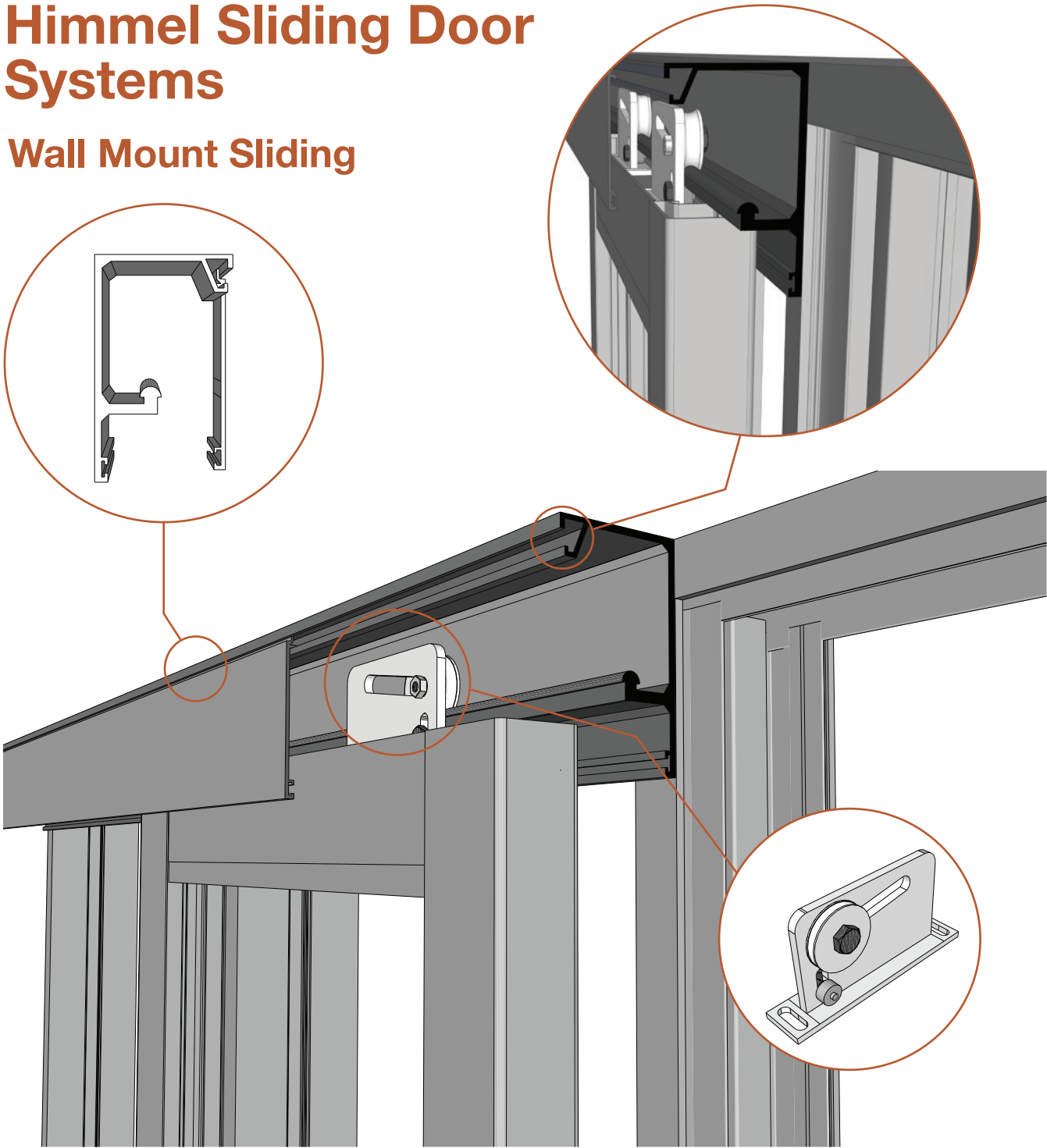
- Designed to fit with Himmel Aluminium Systems
- Available in 45mm thick doors only
- Styles and rails sizes 60mm, 66mm, 83mm and 114mm
- Can accommodate glass thicknesses of 12mm thick laminated glass
- Door kits available in 62mm & 114mm Stile

Typical Partition Elevations

DS Series 45 are designed to fit with Himmel Aluminium systems and available in numerous configurations based around the 45mm door series. Our Account Managers are here to support you and ensure your project needs are catered for.

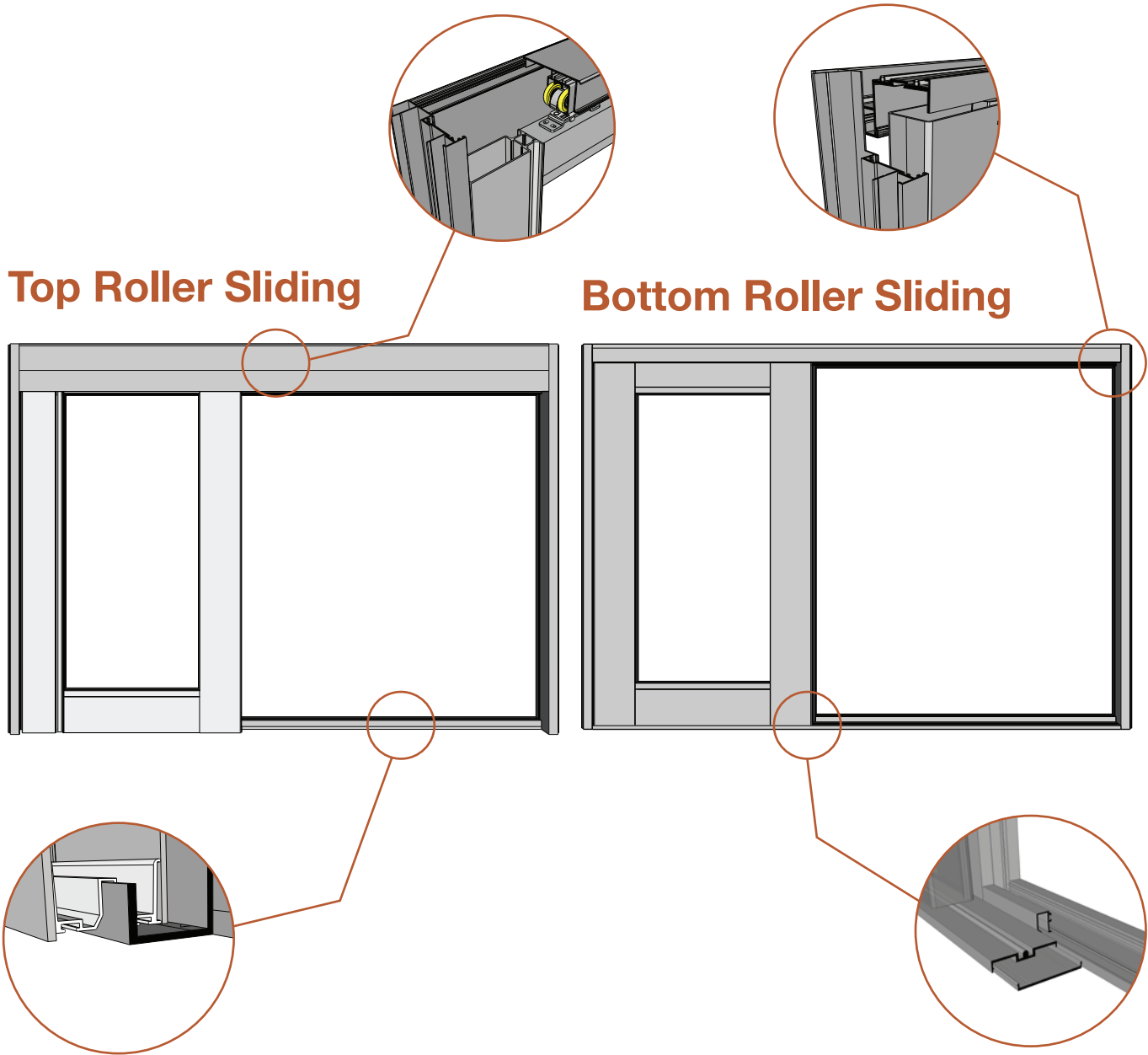
Himmel Sliding Door Systems

Wall Mount Sliding



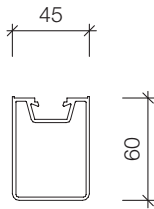
Top Roller Sliding

Bottom Roller Sliding



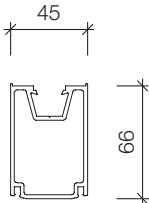
Himmel Interior Systems are here to support your project requirements. With a range of hinged and sliding door hardware complementing our contemporary aluminium partitioning suites, Himmel provides the ultimate door safety, security and performance solution.

Suite Profiles



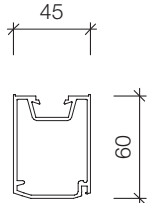
HAS520
DS45 60MM PLAIN STILE

2.8M C/A: 453560
3.6M C/A: 453563
2.8M BLK: 453562
3.6M BLK: 453565



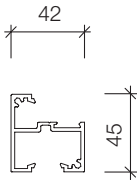
HAS521
DS45 66MM PIVOT STILE

2.8M C/A: 182078
6.5M C/A: 182144
2.8M BLK: 182080
6.5M BLK: 187755



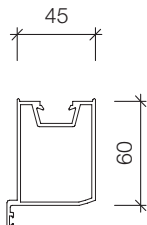
HAS522
DS45 60MM LOCK STILE (LH MORTISED) DS45 60MM LOCK STILE (RH MORTISED)

2.8M C/A: 182852 2.8M C/A: 182853
2.8M BLK: 182854 2.8M BLK: 182855



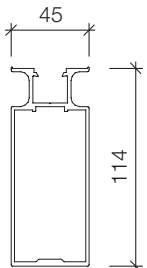
HAS532
DS45 45MM MID-RAIL

6.5M C/A: 182110



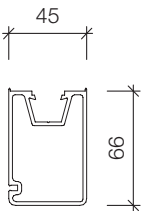
HAS533
DS45 60MM MEETING STILE

3.25M C/A: 188256
6.5M C/A: 182136
3.25M BLK: 188258
6.5M BLK: 182138



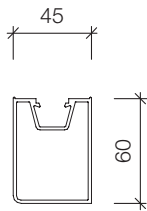
HAS534
DS45 114MM FINGER PULL STILE

2.8M C/A: 182101
6.5M C/A: 182158
2.8M BLK: 182103
6.5M BLK: 182160



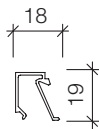
HAS523
DS45 66MM SLIDE BACK STILE

2.8M C/A: 182074
6.5M C/A: 182140
2.8M BLK: 182076
6.5M BLK: 182142



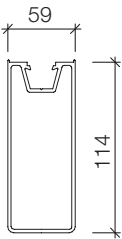
HAS524
DS45 60MM HINGE STILE

2.8M C/A: 182050
6.5M C/A: 182124
2.8M BLK: 182052
6.5M BLK: 182126



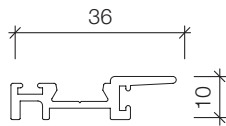
HAS528
DS45 DOOR RAIL BEAD

2.8M C/A: 181506
3.6M C/A: 181524
2.8M BLK: 181507
3.6M BLK: 181526



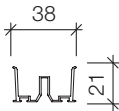
HAS535
DS45 114MM PLAIN STILE

2.8M C/A: 178109
6.5M C/A: 182162
2.8M BLK: 182106
6.5M BLK: 182164



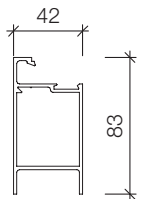
HAS506
DS45 SLIDING DOOR PICK UP

3.0M C/A: 456863
3.0M BLK: 456864



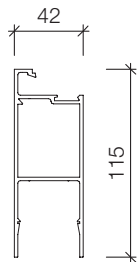
HAS507
DS45 T-ROLLER INTERNAL GUIDE

3M MILL: 453556
MILL Finish hidden profile



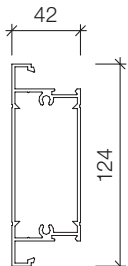
HAS525
DS45 83MM TOP RAIL

2.8M C/A: 182062
3.6M C/A: 182086
2.8M BLK: 182064
3.6M BLK: 182088



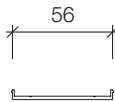
HAS526
DS45 115MM BOTTOM RAIL

2.8M C/A: 182082
3.6M C/A: 182112
2.8M BLK: 182084
3.6M BLK: 182114



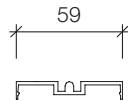
HAS527
DS45 124MM MID-RAIL

6.5M C/A: 182869
6.5M BLK: 182871



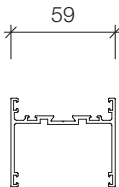
HAS508-A
DS45 BOTTOM ROLLER TRACK A

5M MILL: 197688
MILL Finish hidden profile



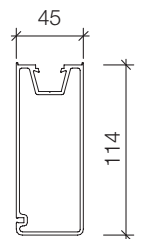
HAS508-B
DS45 BOTTOM ROLLER TRACK B

2M C/A: 469260
2M BLK: 469262
3M C/A: 469261
3M BLK: 469263
5M C/A: 197689
5M BLK: 197690
5M MILL: 197691



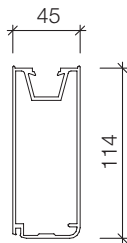
HAS509
DS45 SLIDING DOOR LOCATING FRAME

2.8M C/A: 450323
3.6M C/A: 450326
2.8M BLK: 450324
3.6M BLK: 450327



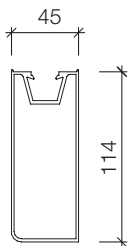
HAS529
DS45 114MM SLIDING STILE

2.8M C/A: 178110
6.5M C/A: 182166
2.8M BLK: 182108
6.5M BLK: 182168



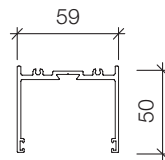
HAS530
DS45 114MM LOCK STILE

2.8M C/A: 182097
6.5M C/A: 182154
2.8M BLK: 182099
6.5M BLK: 182156



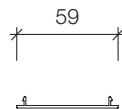
HAS531
DS45 114MM DOOR HINGE STILE

2.8M C/A: 182090
6.5M C/A: 182150
2.8M BLK: 182091
6.5M BLK: 182152



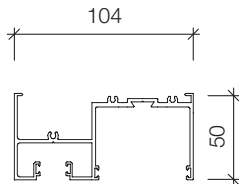
HAS510
DS45 BOTTOM ROLLER TOP GUIDE FRAME

2M C/A: 469264
2M BLK: 469266
3M C/A: 469265
3M BLK: 469267
5M C/A: 450329
5M BLK: 450330
5M MILL: 450331



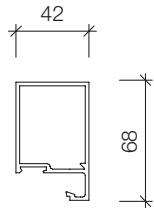
HAS511
DS45 BOTTOM ROLLER TOP GUIDE CAP

3M C/A: 450332
3M BLK: 450333

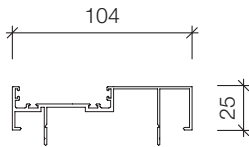


HAS512
DS45 BOTTOM ROLLER 1 PC TOP GUIDE FRAME

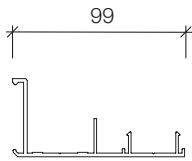
3M C/A: 469269
5M C/A: 450335
3M BLK: 469271
5M BLK: 450336



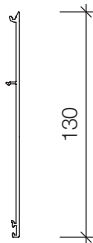
HAS525F
DS45 130 TOP RAIL 68MM
3M C/A: 453266
3M BLK: 453268



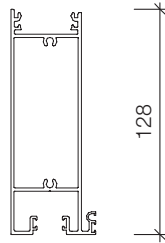
HAS549
DS45 DOOR LOCATING FRAME
2.8M C/A: 450341
3.6M C/A: 450344
2.8M BLK: 450342
3.6M BLK: 450345



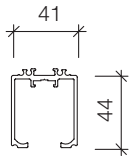
HAS550
DS45 130 TOP ROLLER BASE FRAME
5M C/A: 450347
5M BLK: 450348



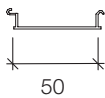
HAS551
DS45 130 TOP ROLLER PELMET
5M C/A: 450350
5M BLK: 450351



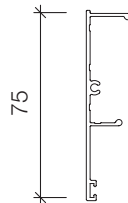
HAS552
DS45 130 TOP ROLLER MAIN FRAME
5M C/A: 450353
5M BLK: 450354



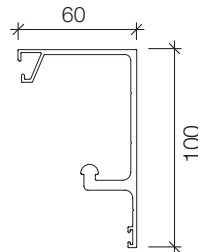
HAS553
DS45 200T ROLLER TRACK
5M C/A: 453269



HAS554
DS45 130 TOP ROLLER PELMET CAP
3M C/A: 450356
3M BLK: 450357



HAS555
DS45 75 TOP ROLLER PELMET
5M M/F: 453282
5M C/A: 453280
5M BLK: 453281



HAS556
TOMMA TOP TRACK
3.25M C/A: 188587
3.25M BLK: 188589



HAS557
TOMMA PELMET COVER
3.25M C/A: 188591
3.25M BLK: 188593

Door Kits

Himmel Aluminium door kits are a complete system that saves you time and money. Made from high quality aluminium, the kit includes everything required to build a complete aluminium door. Himmel offers options for a 61mm or 114mm stile for hinged and sliding doors.



Sliding Door Kits

| DS45 Slim Stile Sliding Door Kit C/A: 181447 P/B: 182858 | |
|---|-----|
| ITEM | QTY |
| 66mm Slide Back Stile @2.8m | 1 |
| 60mm Lock Stile @2.8m | 1 |
| 84mm Top Rail @1m | 1 |
| 115mm Bottom Rail @1m | 1 |
| Door Bead @2m | 2 |
| Spiggot Set (x4) | 1 |

| DS45 114mm Wide Stile Sliding Door Kit C/A: 182874 P/B: 182875 | |
|---|-----|
| ITEM | QTY |
| 114mm Slide Stile @2.8m | 1 |
| 114mm Lock Stile @2.8m | 1 |
| 115MM Bottom Rail @2m | 1 |
| Door Bead @2m | 1 |
| Spiggot Set (x4) | 1 |

Hinged Door Kits

| DS 524 Kit: 61 mm Slim Stile Hinged Door Kit C/A: 124859 P/B: 160235 | |
|---|-----|
| ITEM | QTY |
| 61mm Wide Lock Stile @2.8m | 1 |
| 61mm Wide Hinge Stile @2.8m | 1 |
| 83mm High Top Rail @1m | 1 |
| 115mm High Bottom Rail @1m | 1 |
| Door Bead @2m | 1 |
| Spiggot Set (x4) | 1 |

| DS 531 KIT: 114mm Wide Stile Hinged Door Kit C/A 159071 P/B 170389 | |
|---|-----|
| ITEM | QTY |
| 114mm Wide Lock Stile | 1 |
| 114mm Wide Hinge Stile @2.8m | 1 |
| 115mm High Bottom Rail @2m | 1 |
| Door Bead @2m | 1 |
| Spiggot Set (x4) | 1 |

These door kits builds max height 2.8m width 1m
If a larger door is required, refer to the profile page to order individual sections or contact your Account Manager.

| Left Hand and Right Handed Door Kits | | |
|--------------------------------------|--|--|
| CODE | DESCRIPTION | |
| 182860 | DS45 HAS SLIM STILE HINGE LH DOOR KIT CA | MORTISED HINGED SLIM STILE ALUMINIUM DOOR KITS |
| 182862 | DS45 HAS SLIM STILE HINGE LH DOOR KIT PB | MORTISED HINGED SLIM STILE ALUMINIUM DOOR KITS |
| 182861 | DS45 HAS SLIM STILE HINGE RH DOOR KIT CA | MORTISED HINGED SLIM STILE ALUMINIUM DOOR KITS |
| 182863 | DS45 HAS SLIM STILE HINGE RH DOOR KIT PB | MORTISED HINGED SLIM STILE ALUMINIUM DOOR KITS |
| 182883 | DS45 HAS WIDE STILE HINGE LH DOOR KIT CA | MORTISED HINGED WIDE STILE ALUMINIUM DOOR KITS |
| 182885 | DS45 HAS WIDE STILE HINGE LH DOOR KIT PB | MORTISED HINGED WIDE STILE ALUMINIUM DOOR KITS |
| 182884 | DS45 HAS WIDE STILE HINGE RH DOOR KIT CA | MORTISED HINGED WIDE STILE ALUMINIUM DOOR KITS |
| 182886 | DS45 HAS WIDE STILE HINGE RH DOOR KIT PB | MORTISED HINGED WIDE STILE ALUMINIUM DOOR KITS |

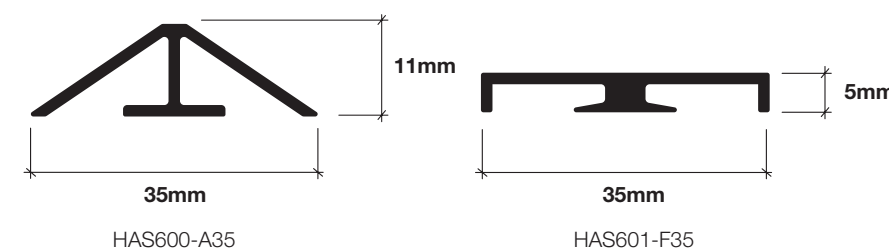


SOHO Decorative Glazing

Recognising the need for a fast and easy way to install a decorative glazing look, we have introduced Soho, two 'stick on' options for interior partitions. Soho is a lightweight aluminium curated to attach to the glazing with industrial strength adhesive, meaning your project can now achieve the same industrial style glazing look, in a fraction of the time. Our decorative glazing rails Soho are extremely versatile and can be positioned on the glazing panel in a variety of ways allowing you to deliver a unique solution for the office that's on trend. Available in 35mm A-Frame Bar and Flat Bar, both of which are intended to complement the visual appeal of Aluminium Partition Suites and Doors. These decorative glazing rails are designed to provide an artistic feel to the Himmel partition suites and are not necessary to strengthen the structure of the partitioning in situ.

To install the Soho decorative glazing rails, the below procedure is recommended:

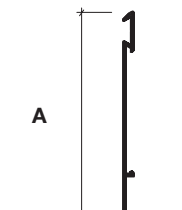
- Plan and design the layout of your overall look
- Designed to be back-to-back in line with each other, so that the pieces are not visible on the other side
- Place 18mm double-sided tape onto the rail surface
- In addition to tape, we recommend placing polymer adhesive and sealant close to both ends of the trim and on every lineal metre. This creates a high bond hold which reinforces the weak points to ensure that it does not peel
- Place the Soho decorative glazing rails pieces on the glazing panel to create your desired look



| Description | Length | Clear Anodise | P/Coated Black | Mill Finish |
|-------------------------------------|--------|---------------|----------------|-------------|
| STICK ON GLAZING RAILS HAS600 - A35 | 3600mm | 454680 | 454682 | 454681 |
| STICK ON GLAZING RAILS HAS601 - F35 | 3600mm | 454683 | 454684 | 454685 |

Skirting and Flat Bar

Himmel offers a range of architectural profiles for the interior commercial landscape. From skirting and flat bar, through to angles, sections and channels, the Himmel Skirting and Geometric range offers a premium finish and versatility, speed and precision during installation.

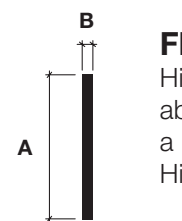


Skirting

Himmel screw on skirting offers seamless continuity between floor and wall, achieving maximum protection in high traffic areas. Manufactured from high grade powder coated aluminium extruded profiles, Himmel skirting products are synonymous with design, performance and sustainability. Available in a range of modern powder coated and anodised finishes, and fastener wall fixed for quick installation, Himmel skirting is the trusted solution to finish your commercial projects.

| Description (A) | Length | Clear Anodise | P/Coated Black | P/Coated White | Mill Finish |
|-------------------|--------|---------------|----------------|----------------|-------------|
| SKIRTING - 50mm | 2800mm | 181530 | | | 181531 |
| SKIRTING - 100mm | 2800mm | 103282 | 108773 | 181550 | 181549 |
| SKIRTING - 100mm | 3600mm | 103298 | 160218 | 181568 | 181567 |
| SKIRTING - 125mm | 2800mm | 166220 | | | 181574 |
| SKIRTING - 150mm | 2800mm | 103283 | 160219 | 154966 | 181589 |
| SKIRTING - 150mm | 3600mm | 103299 | 160220 | | 181607 |

** Accessories are required when using this type of skirting such as Corners,Cover strips,joiners and screws **



Flat Bar

Himmel flat bars protect internal walls in high traffic areas from accidental knocks, abrasions, and general wear and tear. Glue fixed and quick to install, and available in a range of finishes, Himmel flat bars can also be used as finishing window details and header details. Himmel provides a solution that compliments functional interiors in the commercial sectors.

| Description (A x B) | Length | Clear Anodise | P/Coated Black | P/Coated White | Mill Finish |
|--------------------------|--------|---------------|----------------|----------------|-------------|
| FLAT BAR - 25mm x 1.6mm | 2800mm | 103262 | 160237 | 154965 | 181825 |
| FLAT BAR - 25mm x 1.6mm | 4000mm | 157528 | | 181833 | 181831 |
| FLAT BAR - 25mm x 3mm | 2800mm | 181837 | 181839 | 181840 | 181838 |
| FLAT BAR - 25mm x 3mm | 4000mm | 181856 | | | 181857 |
| FLAT BAR - 50mm x 1.6mm | 2800mm | | 182846 | 182847 | |
| FLAT BAR - 50mm x 1.6mm | 4000mm | 182848 | 182850 | 182851 | 182849 |
| FLAT BAR - 50mm x 3mm | 2800mm | 169483 | 181876 | 179006 | 181875 |
| FLAT BAR - 50mm x 3mm | 4000mm | 159092 | 181915 | 181916 | 181914 |
| FLAT BAR - 100mm x 1.6mm | 2800mm | 155058 | 170413 | 179646 | 181879 |
| FLAT BAR - 100mm x 1.6mm | 3600mm | 170412 | 163907 | 179185 | 181906 |
| FLAT BAR - 100mm x 3mm | 2800mm | 181946 | 181948 | 181949 | 181947 |
| FLAT BAR - 100mm x 3mm | 4000mm | 159054 | 181973 | 181974 | 181972 |
| FLAT BAR - 150mm x 1.6mm | 2800mm | 181928 | 181930 | 181931 | 181929 |
| FLAT BAR - 150mm x 1.6mm | 3600mm | 170414 | 181952 | | 181951 |
| FLAT BAR - 150mm x 3mm | 3600mm | 181989 | | | 181990 |

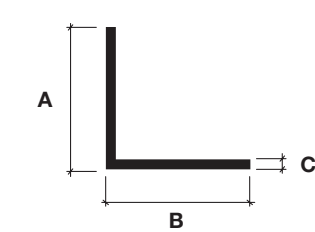
Corners and Jointer

| Code | Description |
|--------|--|
| 456991 | UNIVERSAL SKIRTING CORNER 100MM BLK CORNER EA |
| 455381 | UNIVERSAL SKIRTING CORNER 100MM GREY CORNER EA |
| 456992 | UNIVERSAL SKIRTING CORNER 150MM BLK CORNER EA |
| 455382 | UNIVERSAL SKIRTING CORNER 150MM GREY CORNER EA |
| 187817 | SKIRTING CORNER 100MM WHITE EA |
| 187361 | SKIRTING CORNER 150MM WHITE EA |
| 455383 | UNIVERSAL SKIRTING CORNER SKIRTING JOINTER EA |

Geometrics

Himmel geometrics provide a finishing or trimming solution for untidy edges, gaps and junctions, as well as decorative glazing for maximum appeal. From angles, channels, T and box section profiles and stick- on glazing options, Himmel geometrics provides the finishing touches on partitioning.

Available in a variety of thickness from 1.6mm to 3mm, and lengths of 3250mm and 6500mm. Finishing options include clear anodized, power coated black, power coated white and milled finish for those special colour requirements.



Angles

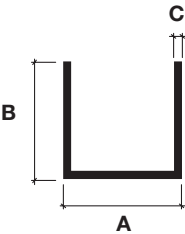
Himmel angles offer a great trimming solution, hiding gaps around shopfront or window framing.

| Description (A x B x C) | Length | Clear Anodise | P/Coated Black | P/Coated White | Mill Finish |
|-----------------------------|--------|---------------|----------------|----------------|-------------|
| ANGLE - 12mm x 12mm x 1.6mm | 6500mm | 181841 | 179734 | 179735 | 134488 |
| ANGLE - 15mm x 15mm x 1.6mm | 6500mm | 181860 | | | 134489 |
| ANGLE - 16mm x 16mm x 3mm | 6500mm | 181907 | | | 181908 |
| ANGLE - 20mm x 20mm x 1.6mm | 6500mm | 181872 | 181873 | 181874 | 155262 |
| ANGLE - 20mm x 20mm x 3mm | 3250mm | | | | 188312 |
| ANGLE - 20mm x 20mm x 3mm | 6500mm | 180909 | | | 181932 |
| ANGLE - 25mm x 25mm x 1.6mm | 3250mm | 188329 | 188331 | 188332 | 188330 |
| ANGLE - 25mm x 25mm x 1.6mm | 6500mm | 181889 | 181891 | 181892 | 181890 |
| ANGLE - 25mm x 25mm x 3mm | 3250mm | 188336 | | | 188337 |
| ANGLE - 25mm x 25mm x 3mm | 6500mm | 181953 | | | 181954 |
| ANGLE - 32mm x 32mm x 1.6mm | 3250mm | 188407 | | | |
| ANGLE - 32mm x 32mm x 1.6mm | 6500mm | 181922 | | | 181923 |
| ANGLE - 32mm x 32mm x 3mm | 3250mm | 188409 | | | |
| ANGLE - 32mm x 32mm x 3mm | 6500mm | 181970 | | | 181971 |
| ANGLE - 40mm x 40mm x 1.6mm | 3250mm | 188434 | 188436 | 188437 | |
| ANGLE - 40mm x 40mm x 1.6mm | 6500mm | 181940 | 181942 | 181943 | 181941 |
| ANGLE - 40mm x 40mm x 3mm | 3250mm | 188440 | | | |
| ANGLE - 40mm x 40mm x 3mm | 6500mm | 181987 | | | 181988 |
| ANGLE - 50mm x 50mm x 1.6mm | 3250mm | 188458 | 188460 | 188461 | 188459 |
| ANGLE - 50mm x 50mm x 1.6mm | 6500mm | 181961 | 181962 | 181963 | 179997 |
| ANGLE - 50mm x 50mm x 3mm | 3250mm | 188462 | | | 188462 |
| ANGLE - 50mm x 50mm x 3mm | 6500mm | 181997 | | | 181998 |
| ANGLE - 60mm x 60mm x 3mm | 6500mm | | | | 183210 |
| ANGLE - 20mm x 12mm x 1.6mm | 6500mm | 169977 | 181861 | 179643 | 179641 |
| ANGLE - 20mm x 12mm x 3mm | 6500mm | 181902 | | | |
| ANGLE - 25mm x 12mm x 1.6mm | 6500mm | 181865 | 181867 | 181868 | 181866 |
| ANGLE - 25mm x 12mm x 3mm | 6500mm | 183204 | | | 183205 |
| ANGLE - 25mm x 20mm x 1.6mm | 6500mm | 181880 | 159899 | 181881 | 134490 |
| ANGLE - 32mm x 20mm x 1.6mm | 6500mm | 181893 | 181894 | 181895 | 134521 |
| ANGLE - 40mm x 12mm x 1.6mm | 6500mm | 181898 | 181900 | 181901 | 181899 |

CUSTOM POWDERCOAT COLOURS ALSO AVAILABLE ON MILL FINISH PRODUCTS, PLEASE SPEAK WITH YOUR ACCOUNT MANAGER

Angles (continued)

| Description (A x B x C) | Length | Clear Anodise | P/Coated Black | P/Coated White | Mill Finish |
|-----------------------------|--------|---------------|----------------|----------------|-------------|
| ANGLE - 40mm x 20mm x 1.6mm | 6500mm | 181917 | 181918 | 181919 | 134522 |
| ANGLE - 40mm x 20mm x 3mm | 6500mm | | | | 181969 |
| ANGLE - 40mm x 25mm x 1.6mm | 6500mm | 181924 | 181926 | 181927 | 181925 |
| ANGLE - 50mm x 25mm x 1.6mm | 6500mm | 181935 | 181337 | 181361 | 134523 |
| ANGLE - 50mm x 25mm x 3mm | 6500mm | 181981 | | | 181982 |
| ANGLE - 70mm x 25mm x 1.6mm | 6500mm | 181956 | 181957 | 181958 | 134524 |
| ANGLE - 80mm x 20mm x 3mm | 6500mm | | | | 183212 |
| ANGLE - 90mm x 40mm x 1.6mm | 6500mm | | | | 187447 |
| ANGLE - 100mm x 50mm x 3mm | 6500mm | | | | 182012 |
| ANGLE - 125mm x 50mm x 3mm | 6500mm | 182014 | | | 182015 |

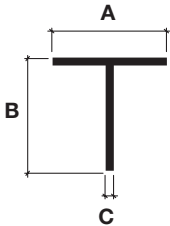


Channels

To satisfy a variety of architectural applications, Himmel's aluminium channels predominantly used in glazing applications, the most popular channels are 3mm thick in 25mm x25mm and 25mm x 40mm sizes. Himmel also offers a purpose made channel 32mm wide at the base.

| Description (A x B x C) | Length | Clear Anodise | P/Coated Black | P/Coated White | Mill Finish |
|-------------------------------|--------|---------------|----------------|----------------|-------------|
| CHANNEL - 10mm x 10mm x 1.6mm | 6500mm | 181854 | | | 181855 |
| CHANNEL - 12mm x 12mm x 1.6mm | 6500mm | 181862 | | | 179736 |
| CHANNEL - 16mm x 16mm x 1.6mm | 6500mm | 181883 | 181885 | 181886 | 181884 |
| CHANNEL - 20mm x 20mm x 1.6mm | 3250mm | 181910 | 181912 | 181913 | |
| CHANNEL - 25mm x 12mm x 3mm | 3250mm | 179715 | | | 181950 |
| CHANNEL - 25mm x 25mm x 1.6mm | 6500mm | 181933 | 191996 | 191997 | 181934 |
| CHANNEL - 25mm x 25mm x 3mm | 3600mm | 181977 | 181979 | 181980 | 181978 |
| CHANNEL - 25mm x 40mm x 3mm | 6500mm | 182001 | 182003 | 182004 | 182002 |
| CHANNEL - 32mm x 25mm x 3mm | 6500mm | 181983 | | | 181983 |
| CHANNEL - 40mm x 40mm x 3mm | 6500mm | 182005 | | | 182006 |
| CHANNEL - 50mm x 50mm x 3mm | 6500mm | | | | 182009 |
| CHANNEL - 100mm x 50mm x 3mm | 6500mm | | | | 182844 |

CUSTOM POWDERCOAT COLOURS ALSO AVAILABLE ON MILL FINISH PRODUCTS, PLEASE SPEAK WITH YOUR ACCOUNT MANAGER

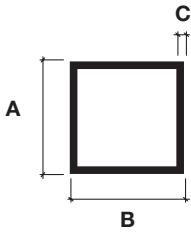


T Section

Himmel aluminium T sections are designed to guide sliding doors and rebate pairs of doors.

| Description (A x B x C) | Length | Clear Anodise | Mill Finish |
|---------------------------------|--------|---------------|-------------|
| T SECTION - 20mm x 20mm x 1.6mm | 4000mm | 181848 | |
| T SECTION - 25mm x 25mm x 1.6mm | 4000mm | 181858 | 181859 |
| T SECTION - 40mm x 40mm x 1.6mm | 6500mm | 181944 | 181945 |

CUSTOM POWDERCOAT COLOURS ALSO AVAILABLE ON MILL FINISH PRODUCTS, PLEASE SPEAK WITH YOUR ACCOUNT MANAGER



Box Section

Himmel aluminium box sections are used as a post for frame strengthening, especially where hanging a door is required.

| Description (A x B x C) | Length | Clear Anodise | P/Coated Black | P/Coated White | Mill Finish |
|---------------------------------|--------|---------------|----------------|----------------|-------------|
| BOX SECTION - 45mm x 45mm | 2800mm | 103279 | 160221 | 181939 | 181938 |
| BOX SECTION - 45mm x 45mm | 6500mm | 181993 | | | 181994 |
| RECTANGLE - 50mm x 25mm x 2.5mm | 6500mm | | | | 187572 |

If you can't see what you want here, reach out to your Account Manager as we do have access to other profiles.

SKRITING COVER STRIP

| Code | Description | Finish |
|--------|------------------------------------|--------|
| 155029 | HASACC 009 MOULDED COVER STRIP 50M | GREY |
| 155028 | HASACC 009 MOULDED COVER STRIP 50M | BLACK |
| 155030 | HASACC 009 MOULDED COVER STRIP L/M | BLACK |
| 155031 | HASACC 009 MOULDED COVER STRIP L/M | GREY |
| 103248 | HASACC 009 FLAT COVER STRIP 50M | BLACK |
| 103249 | HASACC 009 FLAT COVER STRIP 50M | GREY |
| 155032 | HASACC 009 FLAT COVER STRIP 200M | BLACK |
| 155033 | HASACC 009 FLAT COVER STRIP 200M | GREY |

Door Hardware

Himmel premium door hardware provides that trusted finishing solution to any commercial fit-out.

With varying finishes and ergonomic shapes, supported by added security and performance, Himmel completes your partition offer.

From levers and locks to hinges and rollers, Himmel provides a contemporary solution for hinged and sliding doors.

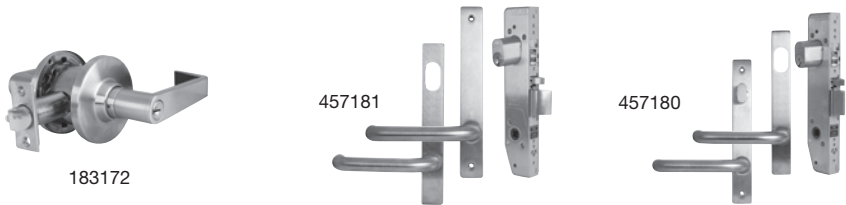
DOOR HANDLES



| Code | Description | Brand | Model No | Finish |
|--------|--|---------|-----------|--------------------|
| 170450 | LEVER SET PASSAGE ROUND ROSE FLAT HANDLE* | MADINOZ | MDZ888-18 | SATIN CHROME PLATE |
| 170448 | LEVER SET PASSAGE ROUND ROSE FLAT HANDLE* | MADINOZ | MDZ888-12 | MATTE BLACK |
| 170449 | LEVER SET PASSAGE ROUND ROSE TUBULAR HANDLE* | MADINOZ | MDZ888-18 | SATIN CHROME PLATE |
| 170447 | LEVER SET PASSAGE ROUND ROSE TUBULAR HANDLE* | MADINOZ | MDZ888-18 | MATTE BLACK |
| 170473 | PULL HANDLE SQUARE SERIES 25X25X600 | VINCO | PH25600SD | MATTE BLACK |
| 170472 | PULL HANDLE SQUARE SERIES 25X25X600 | VINCO | PR600CTC | STAINLESS STEEL |
| 183247 | PUSH PLATE CONSEALED FIX 300X100X2MM | VINCO | PPCF300 | STAINLESS STEEL |
| 183256 | PULL HANDLE ON PLATE 300X100X2MM | VINCO | SDP200B/P | STAINLESS STEEL |

Passage: outside and inside levers always free
* Fire rated & DDA AS1428.1 compliant

DOOR KITS



| Code | Description | Brand | Model No | Finish | Door Thickness |
|--------|---|----------|------------|-----------------|---|
| 457181 | CLASSROOM SET 23MM BACK SET (2 HANDLES & MORTISE LOCK) | LOCKWOOD | 3782KIT05 | STAINLESS STEEL | 35-50mm (metal) & 32-50mm (timber) hollow ali sections 38mm min depth |
| 183172 | CLASSROOM SET 70MM BACK SET* (2 HANDLES & TUBULAR LATCH) | BRAVA | EL6012SC70 | SATIN CHROME | 35-45mm |
| 187960 | STOREROOM SET 70MM BACK SET BRAVA* (2 HANDLES & TUBULAR LATCH) | BRAVA | EL6062SC70 | SATIN CHROME | 32-45mm |
| 457180 | ENTRANCE SET 23MM BACK SET (2 HANDLES & SLIMLINE MORTISE LOCK) | LOCKWOOD | 3782KIT05 | STAINLESS STEEL | 35-50mm |
| 187827 | ENTRANCE SET 23MM BACK SET (2 HANDLES & SLIMLINE MORTISE LOCK) | DORMA | SB2212 | STAINLESS STEEL | 32-50mm- narrow stile hinged doors |
| 182538 | ENTRANCE SET 70MM BACK SET * | BRAVA | EL6000SC70 | SATIN CHROME | 35-45mm |
| 457182 | PASSAGE SET 23MM BACK SET | LOCKWOOD | 3782KIT05 | SATIN CHROME | 35-50mm- narrow stile hinged doors |
| 183173 | PASSAGE SET 70MM BACK SET* | BRAVA | EL6082SC70 | SATIN CHROME | 35-45mm |

Classroom: Operated by key or handle outside or by turnsnib, key or handle inside.
Storeroom: Outside lever always rigid, key retracts the latch.
Passage: Outside and inside levers always free.
Entrance: Involves keyway.
* Fire rated & DDA AS1428.1 compliant

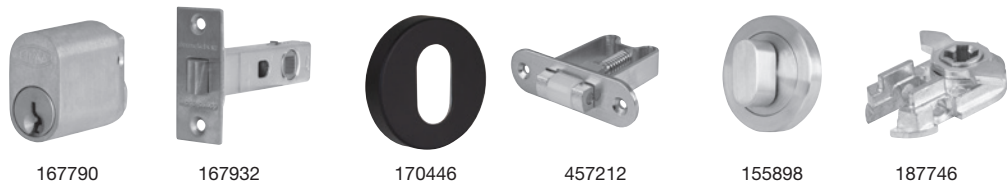
MORTISE LOCKS



| Code | Description | Brand | Model No | Finish | Door Thickness |
|--------|-----------------------------|----------|----------|-----------------|----------------|
| 155890 | MORTISE LOCK 60MM BACK SET* | KABA | MS222SS | STAINLESS STEEL | 32-50mm |
| 187503 | MORTISE LOCK 60MM BACK SET* | LOCKWOOD | 3572SC | SATIN CHROME | 32-50mm |
| 183120 | MORTISE LOCK TAB PK2 | - | - | SATIN CHROME | |
| 191595 | MORTISE LOCK FRONT PLATE | - | - | MATTE BLACK | |

* Fire rated & DDA AS1428.1 compliant

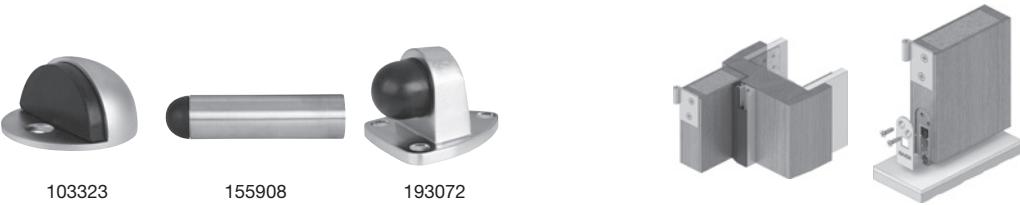
HARDWARE ACCESSORIES



| Code | Description | Brand | Model No | Finish |
|--------|----------------------------------|----------|-------------|-----------------|
| 167790 | CYLINDER OVAL | BRAVA | KA1 | SATIN CHROME |
| 187439 | CYLINDER OVAL | BRAVA | KA1 | MATTE BLACK |
| 167931 | CYLINDER OVAL | BRAVA | KD | SATIN CHROME |
| 187435 | CYLINDER OVAL | BRAVA | KD | MATTE BLACK |
| 464912 | ESCUTCHEON RD* | LOCKWOOD | VSR6 | SATIN CHROME |
| 170446 | ESCUTCHEON RD* | MADINOZ | MDZ888OCBL | MATTE BLACK |
| 167932 | LATCH TUBULAR 60MM BACK SET | DORMA | A22202SSS | STAINLESS STEEL |
| 467991 | LATCH TUBULAR PASS 60MM BACK SET | LOCKWOOD | 5260 | MATTE BLACK |
| 457212 | ROLLER BOLT 50MM | NORMA | 2520 | NICKEL PLATE |
| 155898 | TURN SNIB RD SCREW MOUNT | KABA | FA272 | SATIN CHROME |
| 187746 | CYLINDER ADAPTOR TURN | LOCKWOOD | SP3572-6250 | SILVER |

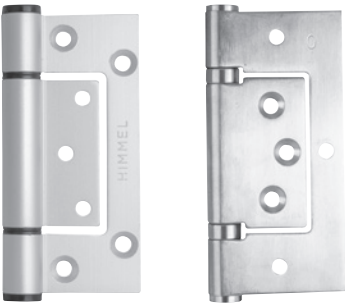
* Fire rated

DOOR STOPS AND ACOUSTIC DOOR SEALS



| Code | Description | Brand | Model No | Finish |
|--------|---------------------------------|----------|------------|-----------------|
| 103323 | DOOR STOP HALF MOON | VINCO | DS1001SC | SATIN CHROME |
| 170411 | DOOR STOP HALF MOON | VINCO | DS1001MB | MATTE BLACK |
| 155908 | DOOR STOP BULLET WITH MOUNT | VINCO | DS650SS | SATIN STAINLESS |
| 193072 | DOOR STOP HEAVY DUTY FLAT MOUNT | LOCKWOOD | A250 | SATIN CHROME |
| 458142 | SEAL PERIMETER 6.5M LONG SINGLE | RAVEN | RP10SI | MATTE BLACK |
| 187484 | SEAL PERIMETER 6.5M LONG SINGLE | RAVEN | RP10SI | CLEAR ANODISED |
| 458143 | SEAL PERIMETER 7.5M LONG DOUBLE | RAVEN | RP10SI | MATTE BLACK |
| 187628 | SEAL PERIMETER 7.5M LONG DOUBLE | RAVEN | RP10SI | CLEAR ANODISED |
| 183157 | SEAL DROP 920MM | RAVEN | RP8SI | SILVER |
| 187514 | SEAL S/MOUNT 1070MM | LOCKWOOD | LAS80003SI | SILVER |

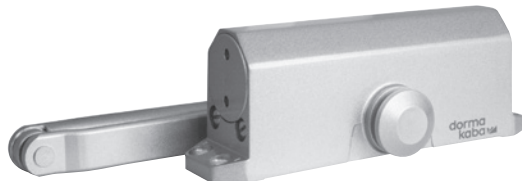
HINGES



155914 187515

| Code | Description | Brand | Model No | Finish | Door Type |
|--------|--|----------|--------------|-----------------|--|
| 155914 | HINGE TAPERED ALI 100MM X 48MM X 3.2MM | VINCO | ZALH08TCAH | CLEAR ANODISED | Timber and aluminium frames/doors |
| 160236 | HINGE TAPERED ALI 100MM X 48MM X 3.2MM | VINCO | ZALH08TBLK | MATTE BLACK | Timber and aluminium frames/doors |
| 180861 | HINGE TAPERED ALI 100MM X 48MM X 3.2MM | VINCO | ZALH08TWHT | WHITE | Timber and aluminium frames/doors |
| 183153 | HINGE Fast FIXED Heavy duty ALI 130MM X 50MM X 3MM AH130 | LOCKWOOD | AH130CAN | CLEAR ANODISED | Aluminium entrance doors & centre or front glazing systems |
| 183151 | HINGE F/FIXED H/D ALI 130MM X 50MM X 3MM AH130 | LOCKWOOD | AH130BLK | MATTE BLACK | Aluminium entrance doors & centre or front glazing systems |
| 187515 | HINGE N/MORTISE 102MM X 49MM X 2.5MM | VINCO | SSHH100TAS-F | STAINLESS STEEL | Timber and aluminium frames/doors |

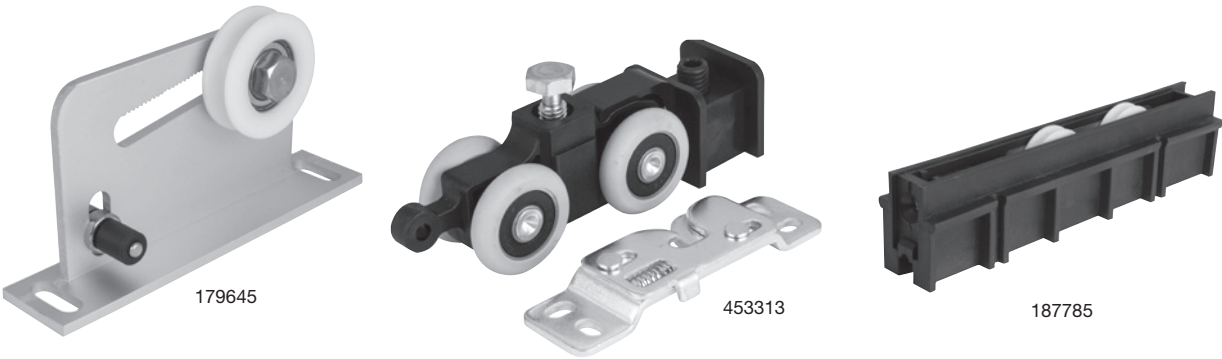
DOOR CLOSERS



170445

| Code | Description | Brand | Model No | Finish | Max Door Weight (kg) |
|--------|--|-------|-----------|-------------|----------------------|
| 469247 | DOOR CLOSER ADJUSTABLE CONCEALED C/W TRACK ARM | JMA | DC8024BC | MATTE BLACK | 25-85 |
| 170445 | DOOR CLOSER BASIC ENTRY | DORMA | TS77 EN3 | SILVER | 60 |
| 170494 | TRACK ARM ACCESSORY | KABA | A9001STSI | SILVER | N/R |

SLIDING DOOR ACCESSORIES



| Code | Description | Brand | Model No | Finish | Application |
|--------|---|--------|------------------|----------------|-----------------------|
| 179645 | ROLLER OVERHEAD PK2 | TOMMA | 20-PA50100-NA | CLEAR ANODISED | Top Roller Wall Mount |
| 179598 | CAP PLASTIC GREY | TOMMA | 20-PA50ECG | GREY | |
| 456262 | CAP PLASTIC BLK | TOMMA | 20-PA50ECB | BLACK | |
| 179597 | JOINER PELMET PLASTIC | TOMMA | 20-PA50CLP | GREY | |
| 179599 | DOOR STOP T/TRACK SIL | TOMMA | 20-22-PA50100 | CLEAR ANODISED | |
| 453313 | ROLLER KIT O/HEAD 200KG 200 SERIES | TOMMA | 20-200-KIT | SILVER | Top Roller |
| 453314 | ROLLER KIT S/CLOSE O/HD 120KG 200SERIES | TOMMA | 20-TSC120-SCFFFS | SILVER | |
| 453315 | ROLLER KIT S/CLOSE O/HD 160KG 200SERIES | TOMMA | 20-TSC160-SCFFFS | SILVER | |
| 179600 | ROLLER GUIDE SLIDING SRG | Himmel | FGL | MATTE BLACK | Bottom Roller |
| 187785 | ROLLER CARRIAGE ASSEMBLY DS45 PK2 | TOMMA | 45-7044SNG | MATTE BLACK | |
| 178114 | TANDERM ROLLER PK2 | Himmel | - | SILVER | Bottom Roller |

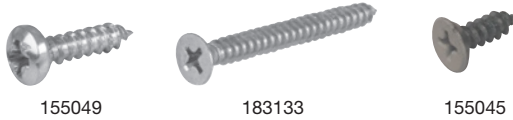


183177

BARREL AND SLIDING BOLTS

| Code | Description | Finish |
|--------|---------------------------------|-----------------|
| 187585 | BARREL BOLT STRAIGHT 32 X 150MM | SATIN CHROME |
| 170454 | BARREL BOLT STRAIGHT 32 X 300MM | SATIN CHROME |
| 170456 | BARREL BOLT STRAIGHT 32 X 600MM | SATIN CHROME |
| 183177 | FLUSH BOLT AL/DOOR 300MM | SATIN CHROME |
| 183175 | FLUSH BOLT AL/DOOR 300MM | MATTE BLACK |
| 183178 | FLUSH BOLT AL/DOOR 600MM | SATIN CHROME |
| 451340 | FLUSH BOLT AL/DOOR 600MM | MATTE BLACK |
| 170486 | FLUSH BOLT FERRULE A/DOOR | STAINLESS STEEL |

OTHER ACCESSORIES



| Code | Description | Finish | Application |
|--------|------------------------------|---------------|--|
| 155049 | SCREW P/HEAD 12MM 6G PK 100 | ZINC PLATED | For screw fixing skirting |
| 183123 | SCREW P/HEAD 12MM 6G BX1000 | ZINC PLATED | For screw fixing skirting |
| 155047 | SCREW P/HEAD 19MM 6G PK 100 | ZINC PLATED | For screw fixing skirting |
| 183138 | SCREW P/HEAD 19MM 6G BX1000 | ZINC PLATED | For screw fixing skirting |
| 121436 | SCREW P/HEAD 40MM 6G PK100 | ZINC PLATED | For screw fixing partition suites |
| 183128 | SCREW P/HEAD 40MM 6G BX1000 | ZINC PLATED | For screw fixing partition suites |
| 183133 | SCREW HINGE 40MM 8G PK100 | ZINC PLATED | For screwing hinges into MDF stop ends |
| 183130 | SCREW HINGE 40MM 8G BX500 | ZINC PLATED | For screwing hinges into MDF stop ends |
| 155045 | SCREW HINGE 12MM 8G PK100 | ZINC PLATED | For screwing hinges into aluminium section |
| 183124 | SCREW HINGE 12MM 8G BX1000 | ZINC PLATED | For screwing hinges into aluminium section |
| 155048 | SCREW P/HEAD 25MM 10G PK100 | ZINC PLATED | For screw fixing shopfront /spiggot |
| 183137 | SCREW P/HEAD 25MM 10G BX1000 | ZINC PLATED | For screw fixing shopfront /spiggot |
| 178113 | SPIGGOT SET 4 DS45 | MILLED FINISH | Connects bottom rail to side rail |



187770

| Code | Description | Brand | Finish | Application |
|--------|---------------------------------|--------|-------------|---|
| 187770 | SEALANT GLAZING 300GM | FULLER | TRANSLUCENT | Industrial glazing and fabrication |
| 187476 | SEALANT GLAZING 300GM | FULLER | BLACK | Industrial glazing and fabrication |
| 183197 | SEALANT TOOLBOX MS POLYMER 400G | FULLER | TRANSLUCENT | Bonding aluminium skirting and profiles |
| 183198 | SEALANT TOOLBOX MS POLYMER 400G | FULLER | WHITE | Bonding aluminium skirting and profiles |
| 183195 | SEALANT TOOL BOX POLYMER 400G | FULLER | BLACK | Bonding aluminium skirting and profiles |
| 479217 | SEALANT MAXBOND PANEL GRIP 280G | FULLER | PALE YELLOW | For general flat bar and geometric |



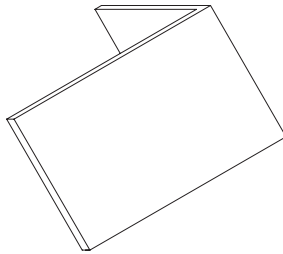
170661

| Code | Description | Finish | Application |
|--------|-------------------------------|--------|--|
| 170661 | MOHAIR 007MHLMB | BLACK | AS104, AS132, CS45 door stop |
| 187312 | MOHAIR 007MHLMG | GREY | AS104, AS132, CS45 door stop |
| 155006 | SCHLEGAL NYLON/BK 13MM NBHLMB | BLACK | DS45 lock still upright |
| 155009 | SCHLEGAL NYLON/BK 13MM NBHLMG | GREY | DS45 lock still upright |
| 187830 | C50 MOHAIR/LM | GREY | For DS45 HAS509 & HAS510 sliding door frames |
| 187832 | C50 MOHAIR/LM | BLACK | For DS45 HAS509 & HAS510 sliding door frames |

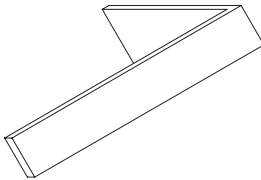


187816

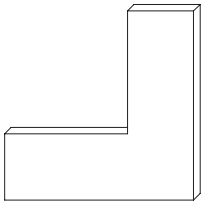
| Code | Description | Suits glass | Finish | Application |
|--------|------------------------|-------------|--------|-----------------------------------|
| 187816 | WEDGE GLAZING 6MM BLK | 6mm thick | BLACK | Dry glazing of glass partitioning |
| 187315 | WEDGE GLAZING 10MM BLK | 10mm thick | BLACK | Dry glazing of glass partitioning |
| 187793 | WEDGE GLAZING 12MM BLK | 12mm thick | BLACK | Dry glazing of glass partitioning |



HAS STAKE 1
103322



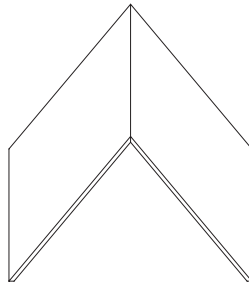
HAS STAKE 3
103321



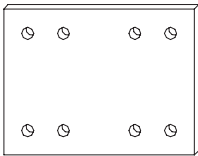
HAS STAKE 6
450932



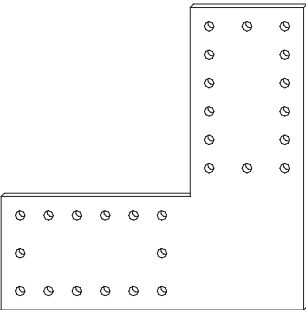
HAS STAKE 7
450933



HAS STAKE 8
450934



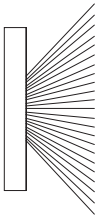
HAS STAKE 9
456993



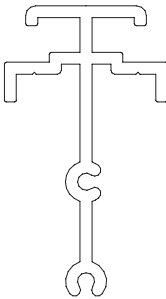
HAS STAKE 10
456994



HAS ACE CAPTIVE WEDGE
457855



HAS JAMBSEAL INFILL/ MOHAIR
170661
187312



HAS GLAZING POST SPIGOT
451912
451911



Solid MDF Doors

Himmel provides a door solution for all your internal fit-outs with a solid core MDF, hard wearing range. Himmel's oversize door blank allows for the convenience of custom cutting on site to the required door height and width. Himmel also offers fabricated mortising upon request.

With a range of hinged and sliding door hardware complementing our contemporary aluminium partitioning suites, Himmel provides the ultimate door safety, security and performance solution. Himmel MDF solid core doors are also AS1428.1 compliant, meeting the design requirements for new building work where access for people with disabilities is required.

| Code | Description |
|--------|--|
| 155771 | MDF SOLID DOOR BLANK 2700 x 925 x 32mm |
| 187729 | MDF SOLID DOOR BLANK 2700 x 925 x 35mm |
| 187772 | MDF SOLID DOOR BLANK 2700 x 925 x 39mm |
| 187787 | MDF SOLID DOOR BLANK 2700 x 925 x 44mm |

MDF DOOR MORTISED

| Code | Description |
|--------|-------------------------------------|
| 155772 | MDF DOOR MORTICED 2700 x 925 x 32mm |
| 471753 | MDF DOOR MORTICED 2700 x 925 x 35mm |
| 187648 | MDF DOOR MORTICED 2700 x 925 x 39mm |
| 187756 | MDF DOOR MORTICED 2700 x 925 x 44mm |

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INTERIOR SYSTEMS

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