

### ALUMINIUM SYSTEMS

**VERSION 2** 



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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 Ceilector 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

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.



ALUMINIUM

HIMMEL

11

#### 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.

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.

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.

### Powdercoating

#### Pre-treatment

### Spraying Methods

### **HIMMEL'S RANGE**

Himmel Interior Systems range aluminium in:

#### Clear Anodised





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  $m^2 = 5kg$ , ie 6mm glass = 15kg/m<sup>2</sup>.

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.

### 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.

### 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	Glazing Option	Glazing (1)	Glazing (2)	Air Gap	Rw	Ctr
CS45	Single Glazing (VLAM Hush)	12.5mm	-	-	36	-4
A104/E104	Single Glazing (VLAM Hush)	12.5mm	-	-	36	-3
E104	Double glazing (VLAM Hush)	12.5mm	12.5mm	77mm	46	-2
A132/E132	Single Glazing (VLAM Hush)	12.5mm	-	-	35	-3
E132	Double glazing (VLAM Hush)	12.5mm	12.5mm	77mm	49	-6
E132	Double glazing (VLAM and VLAM Hush)	10.38mm	12.5mm	77mm	46	-5

### 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.

## Declare.

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

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### 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.

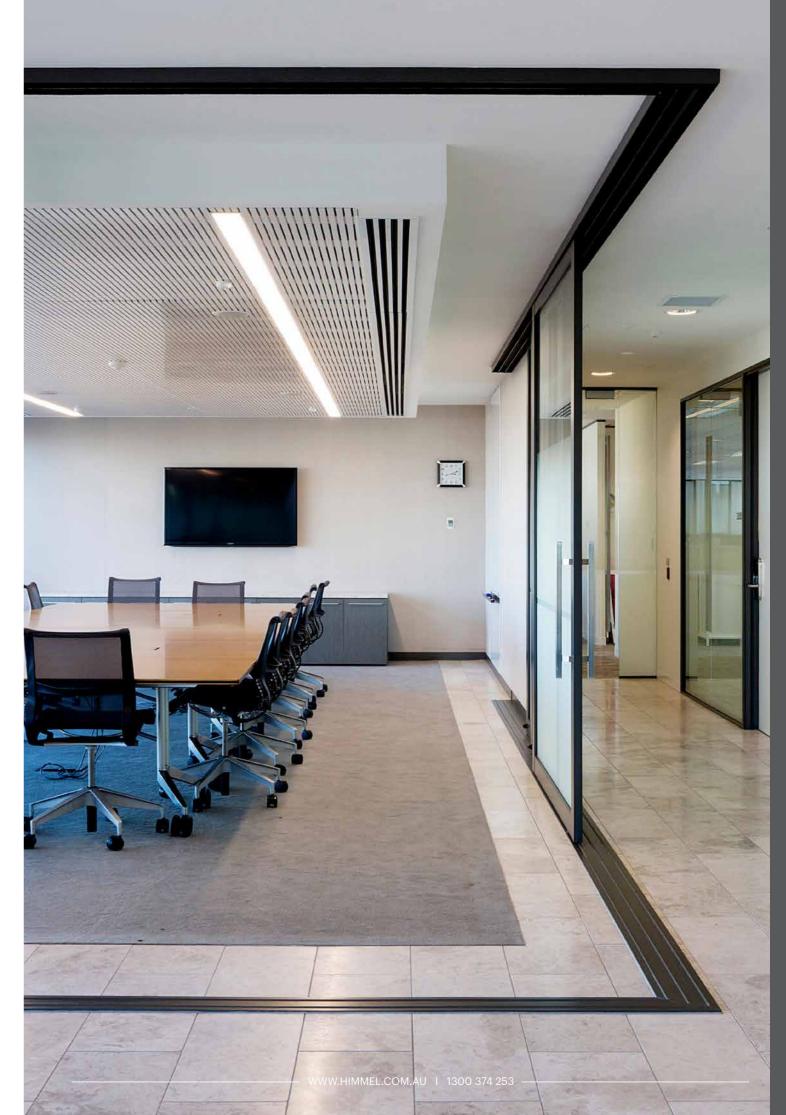
The following cleaning materials and procedures are listed in order of mild to harsh. The mildest treatment should be tried on a small area and if not satisfactory only then should the next be examined.

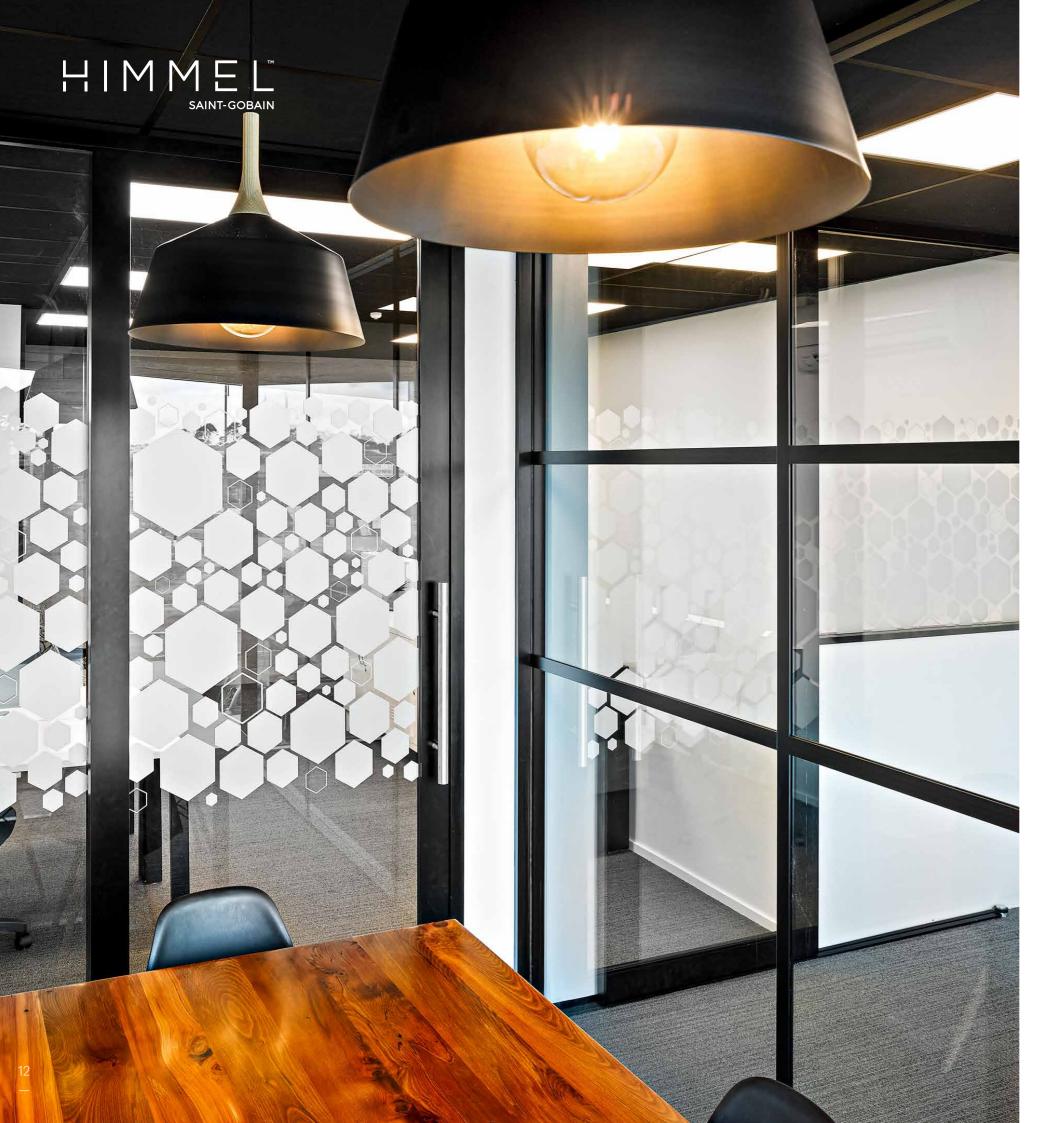
- 1. Plain water 2. Water with mild soap or detergent
- 3. Solvents, e.g. kerosene, turpentine, white spirit
- 4. Non-etching chemical cleaner
- 5. Wax-base polish 6. Abrasives + Abrasive wax.

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





## SERIES 1<u>0</u>1

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

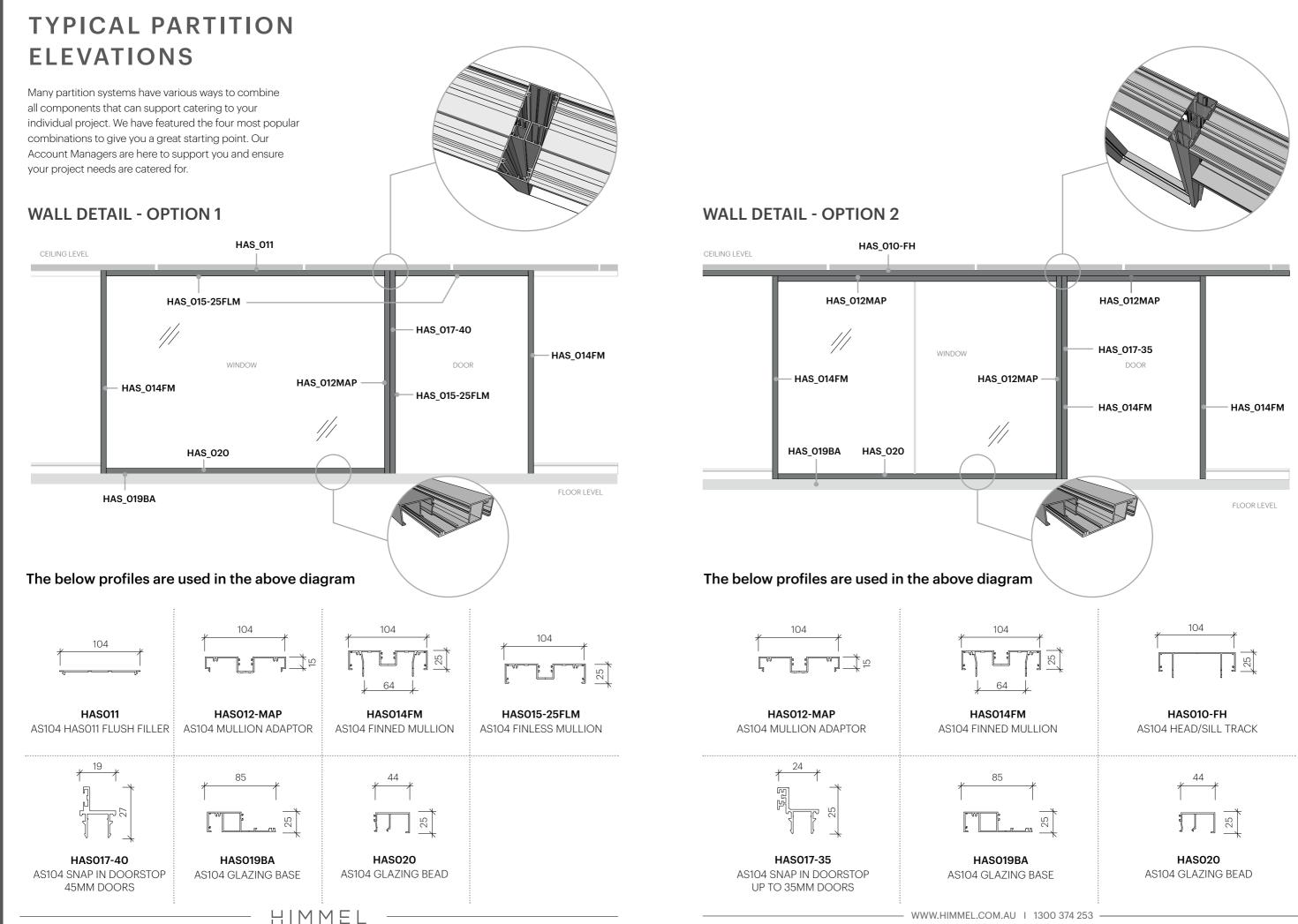
- Pocket depth inside 18mm
- Centre glazing option only

- Shadowline details optional

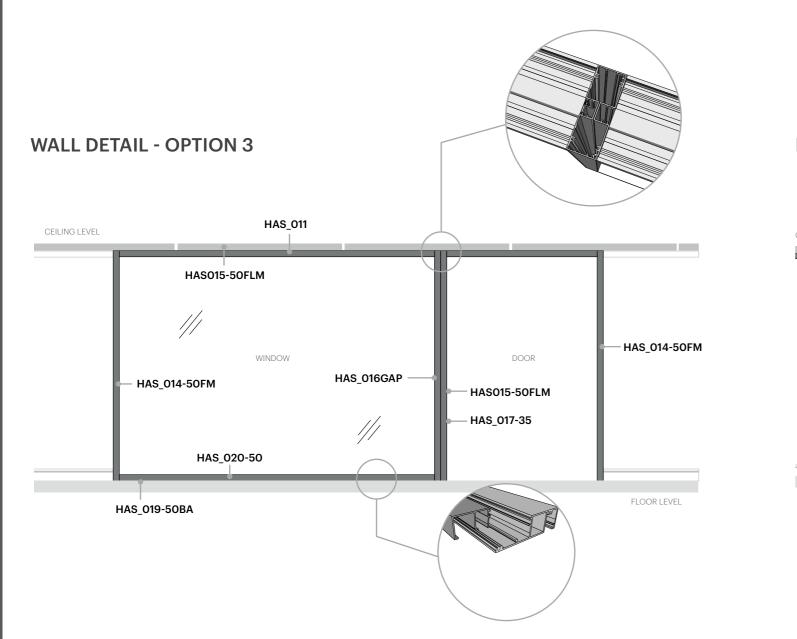
### ARCHITECTURAL

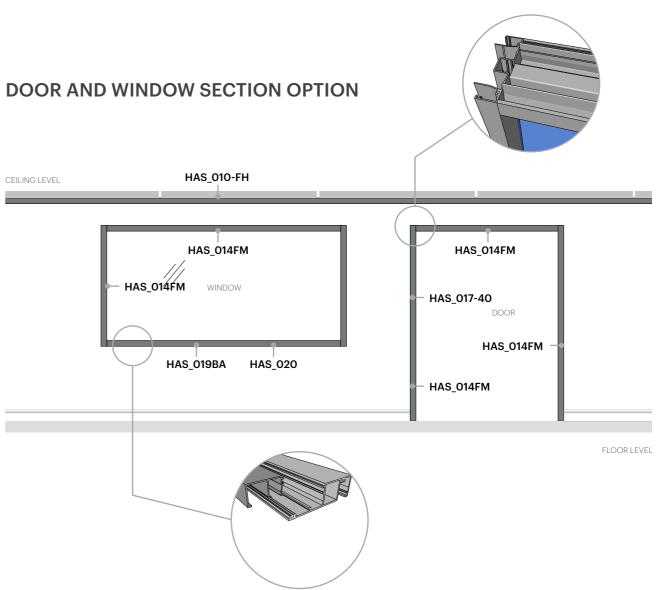
A Series 104 has the following features: • 25mm / 35mm / 50mm reveal options • Available length - 2800mm / 3600mm • Standard wall size based on 64mm steel stud with one layer of 13mm Gyprock plasterboard on each side Can accommodate glass thicknesses between 6mm and 12.38mm • Door thicknesses between 35mm - 45mm can be used

• Can be used with CS45 and DS45 series

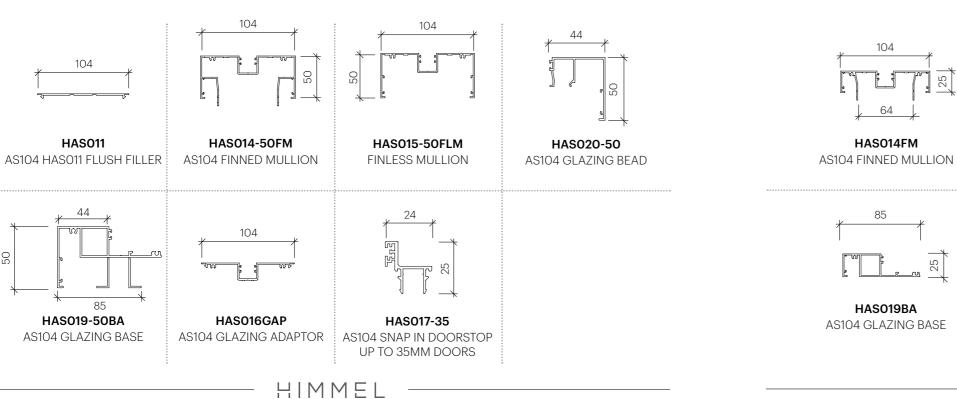


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### The below profiles are used in the above diagram





104





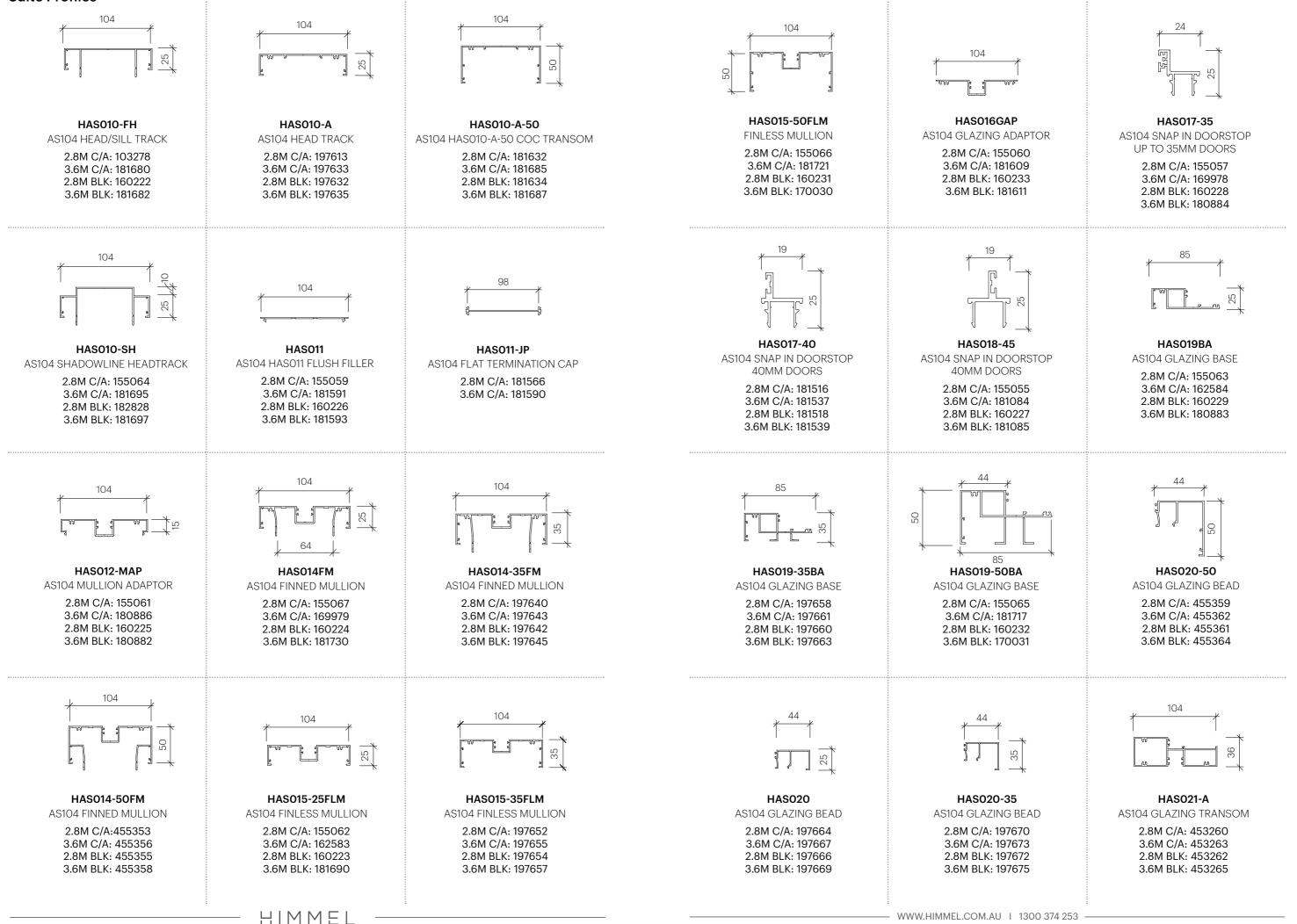


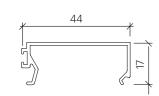
HAS020 AS104 GLAZING BEAD



#### HAS017-40 AS104 SNAP IN DOORSTOP 40MM DOORS

#### **Suite Profiles**





101

HASO21-B

AS104 GLAZING TRANSOM

2.8M C/A: 197676

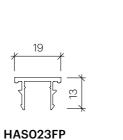
3.6M C/A: 197679

2.8M BLK: 197678

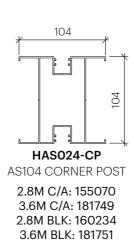
3.6M BLK: 197681

#### HASO22BE AS104 TRANSOM BEAD

2.8M C/A: 155056 3.6M C/A: 162597 2.8M BLK: 160230 3.6M BLK: 170032



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







## SERIES 132

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 plasterboard on each side
- Door thickness between 35mm -45mm can be used
- Shadow line details optional

### ARCHITECTURAL

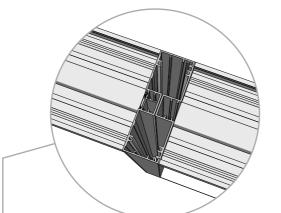


### A Series 132 provides a central line glazing with numerous configurations and design options, offering a complete partition system for Gyprock plasterboard and glazing.

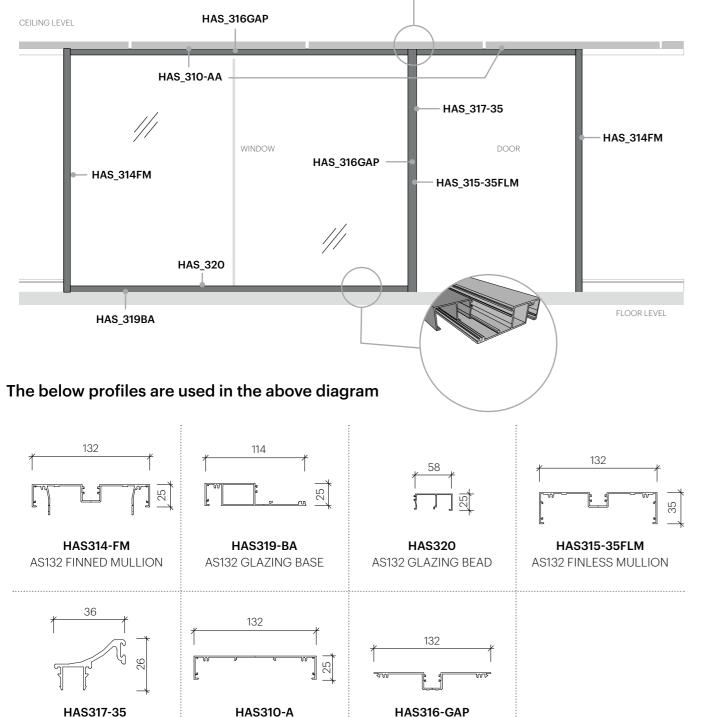
- Can accommodate glass thickness between 6mm 12.76mm

### **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.



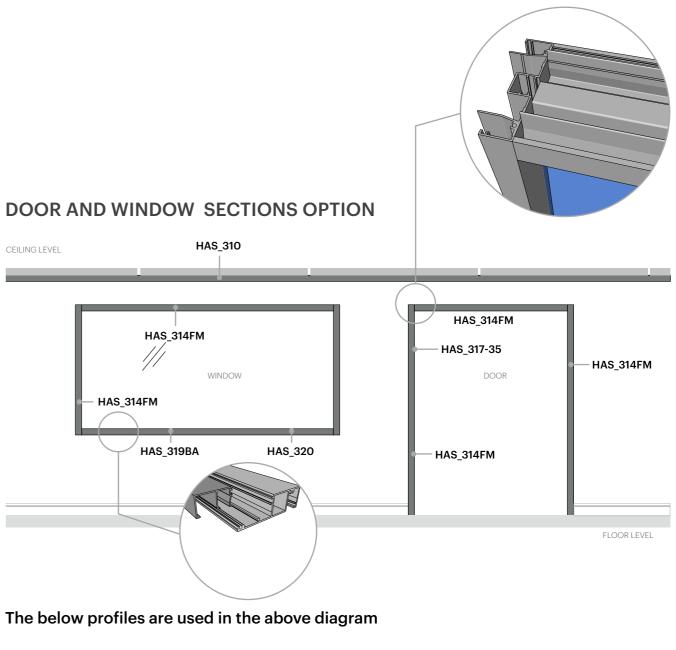
### WALL DETAIL OPTION

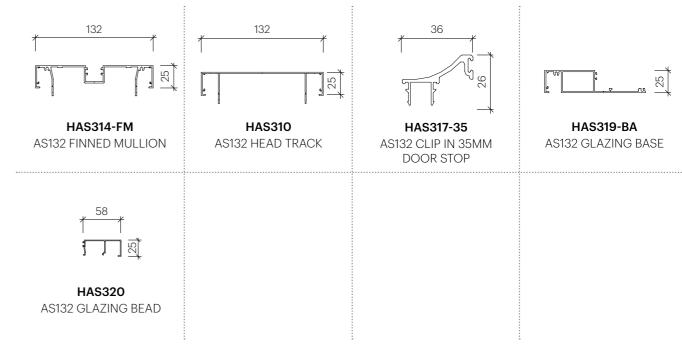


AS132 GLAZING ADAPTOR

AS132 HEAD TRACK

HIMMEL

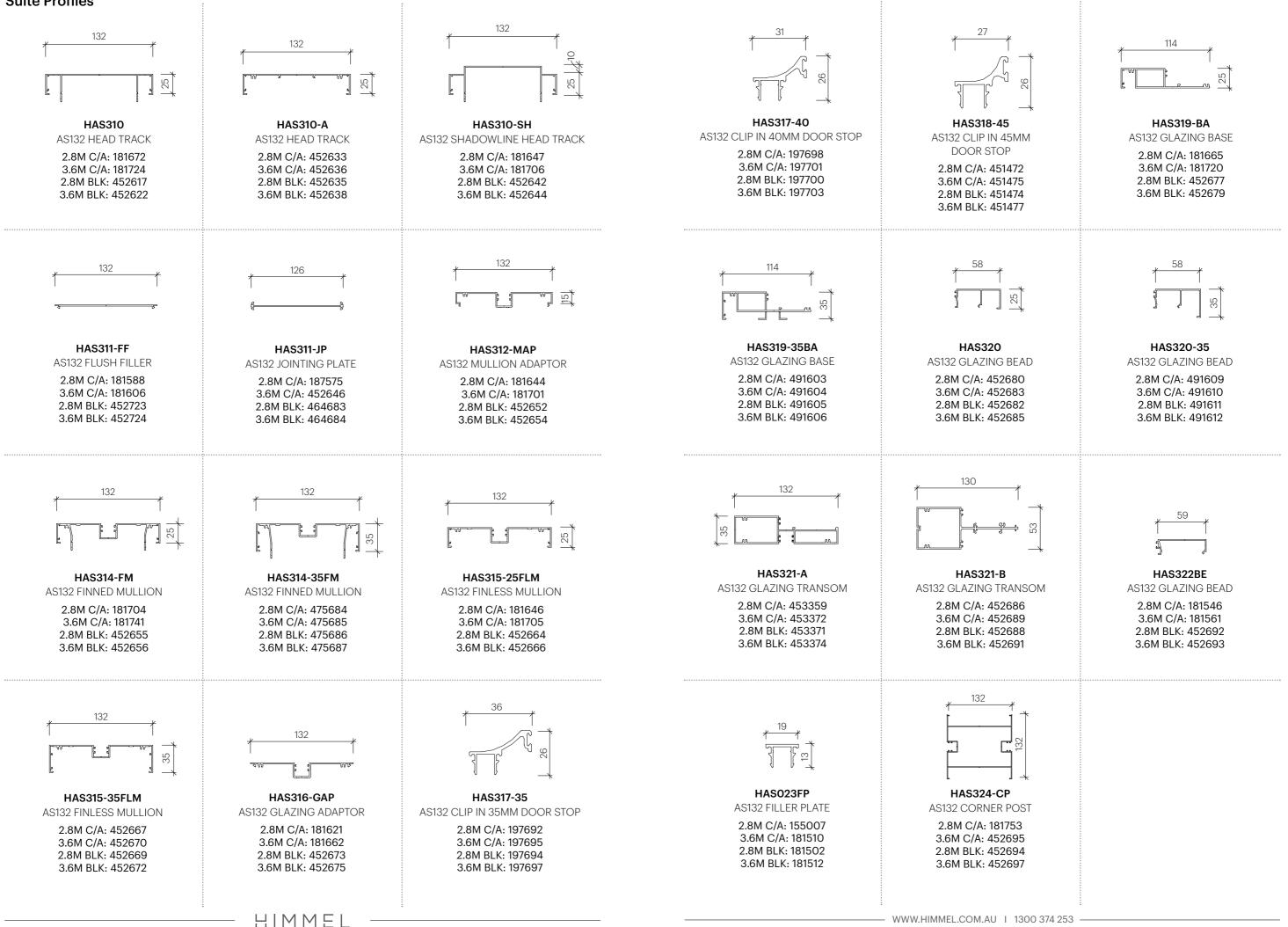




AS132 CLIP IN 35MM

DOOR STOP

#### **Suite Profiles**



ARCHITECTURAL SERIES 132





### E Series 104 Himmel Aluminium Partitions provide an offset single or twin glazing design to provide a clean front of profile or twin glass option.

- 104mm x 50mm.

- layer of plasterboard on each side

E Series 104 has the following features: • Standard detail of 104mm x 25mm, 104mm x 35mm,

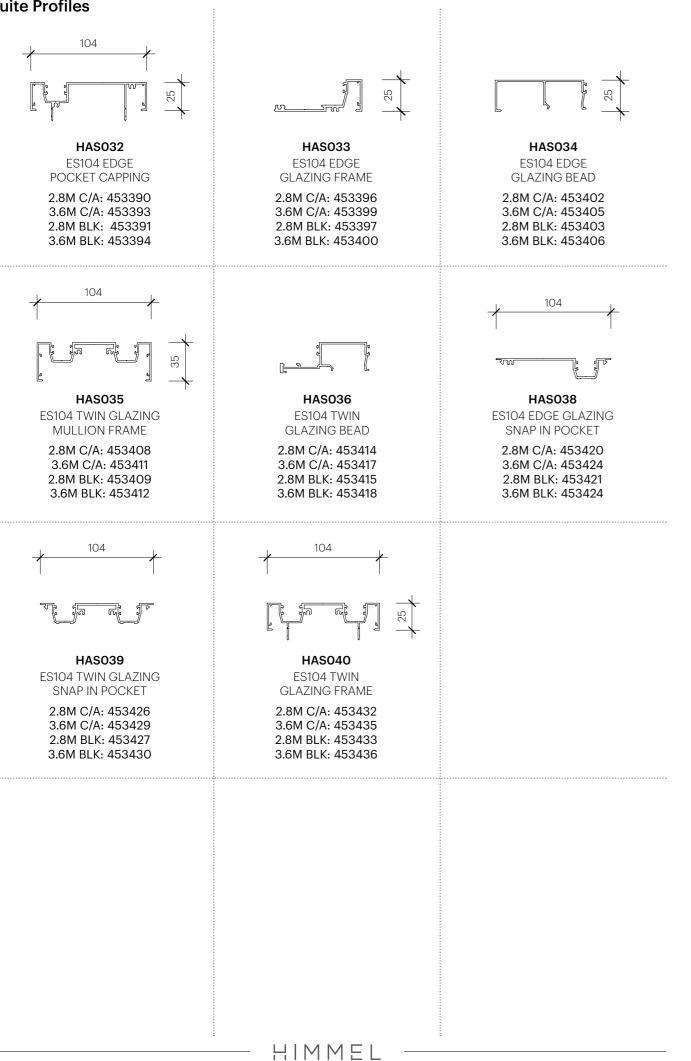
• Can accommodate glass thicknesses 6mm - 13mm • Door thicknesses of 32mm – 45mm can be used • Standard wall size based around 64mm steel stud with one

#### **Suite Profiles**

104

SERIES

EDGE





EDGE SERIES 104



Concession of the Owner, or other Designation of th



## EDGE SERIES 132

- 104mm x 50mm.

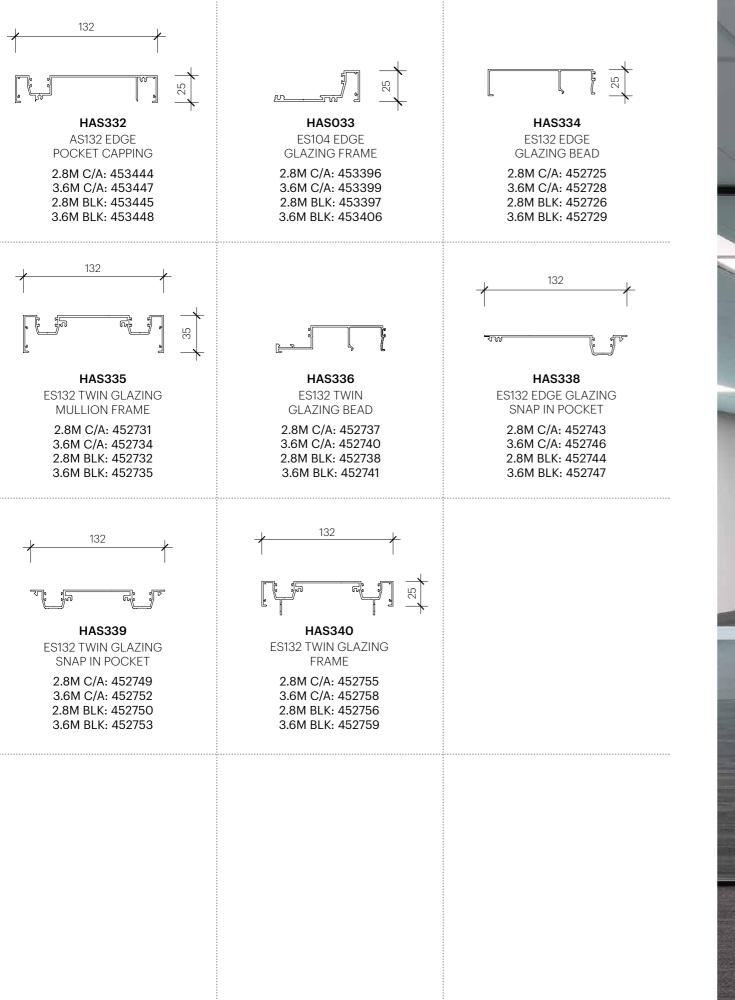
- layer of plasterboard on each side

### E Series 132 Himmel Aluminium Partitions provide an offset single or twin glazing design to provide a clean front of profile or twin glass option.

E Series 132 has the following features: • Standard detail of 132mm x 25mm, 104mm x 35mm,

• Can accommodate glass thicknesses 6mm – 13mm • Door thicknesses of 32mm – 45mm can be used • Standard wall size based around 92mm steel stud with one

### **Suite Profiles**



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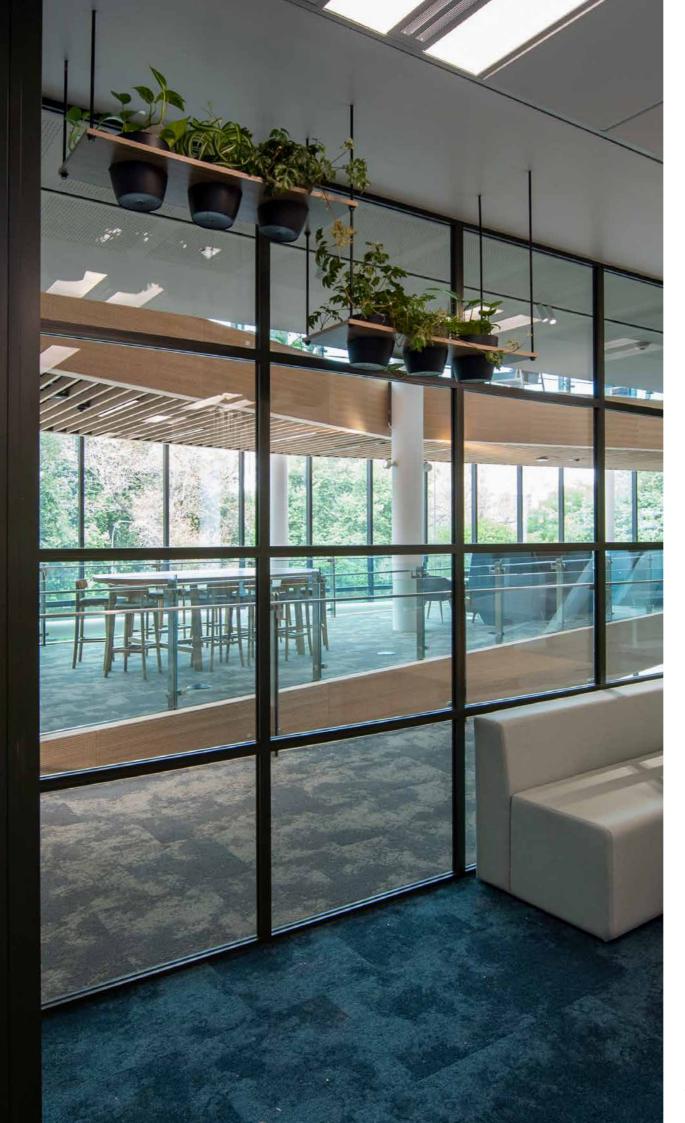
HIMMEL

34



// EDGE SERIES 132





### COMMERCIAL SERIES 15

### 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:

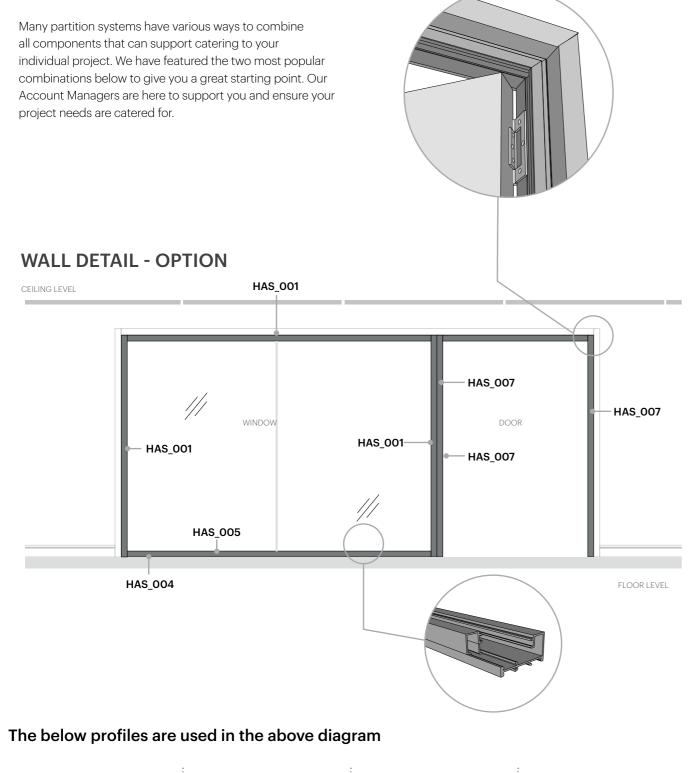
- Can be used with the AS104/AS132 suite by using the Head/sill track

- Can accommodate glass thicknesses between 6mm and 13mm Can accommodate door thicknesses between 35mm and 45mm • Door frame kits available

- Standard glazing profile of 45mm wide x 25mm high
- Stocked in 2 colours (Clear anodised / Powder coated Black)

### **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.



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HAS001

CS45 GLAZING FRAME

25

HASO07

CS45 DOORJAMB SUITS

DOORS TO 35MM THICK

1

HAS004

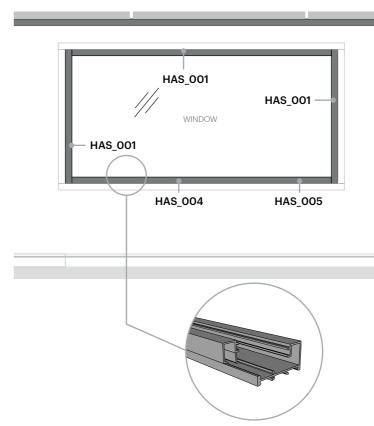
CS45 GLAZING BASE

25

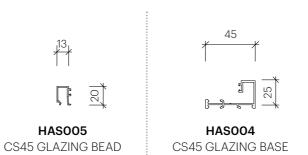
HIMMEL

### DOOR AND WINDOW SECTION OPTION

CEILING LEVEL



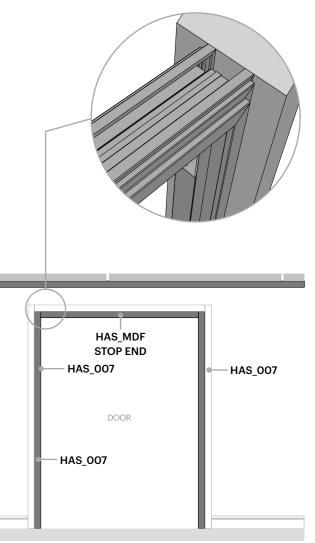
### The below profiles are used in the above diagram



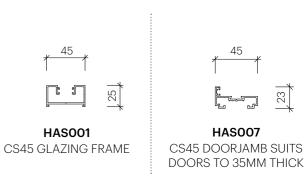
13 | 13

HAS005

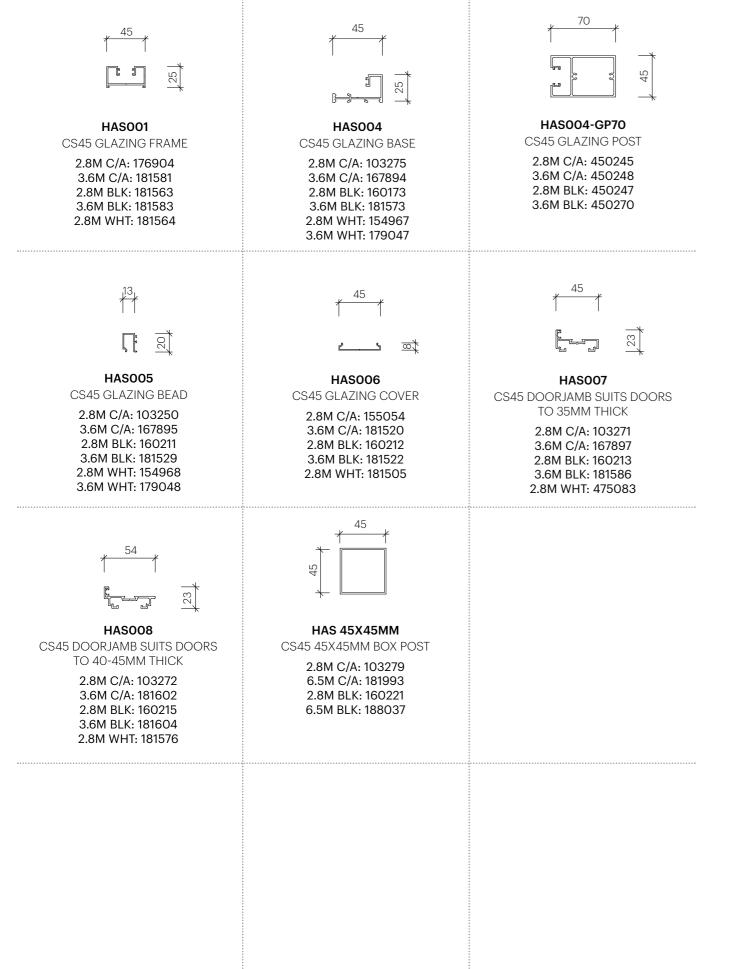
CS45 GLAZING BEAD



FLOOR LEVEL



### **Suite Profiles**



### **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	ts 35mm Door Jamb Kits 45mm		
CS45 35mm Door Jamb Kit C/A 155068 P/B 160214		CS45 45mm Door Jamb Kit C/A 155069 P/B 160216	
ITEM	QTY	ITEM	QTY
HAS STAKE 1 Staking Angle	2	HAS STAKE 1 Staking Angle	2
HASO07 DOOR JAMB 2.8m- verticals	2	HASO08 DOOR JAMB 2.8m- verticals	2
HASO07 DOOR JAMB 1.0m- horizontal	1	HASO08 DOOR JAMB 1.0m- horizontal	1

45





## DOOR SLIDER SERIES

following features:

- Can accommodate glass thicknesses of up to 10mm thick laminated glass

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

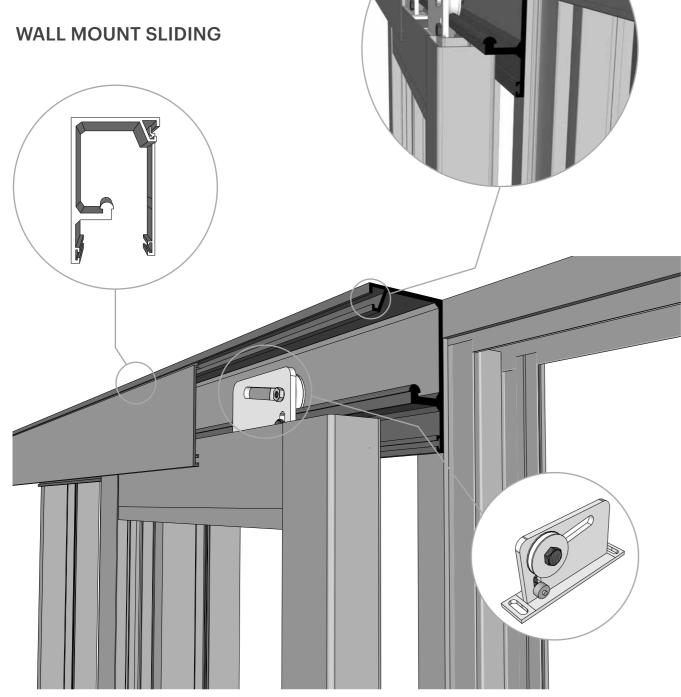
• Designed to fit with Himmel Aluminium Systems • Available in 45mm thick doors only • Stile 60mm and 114mm sizes and rails 83mm and 115mm

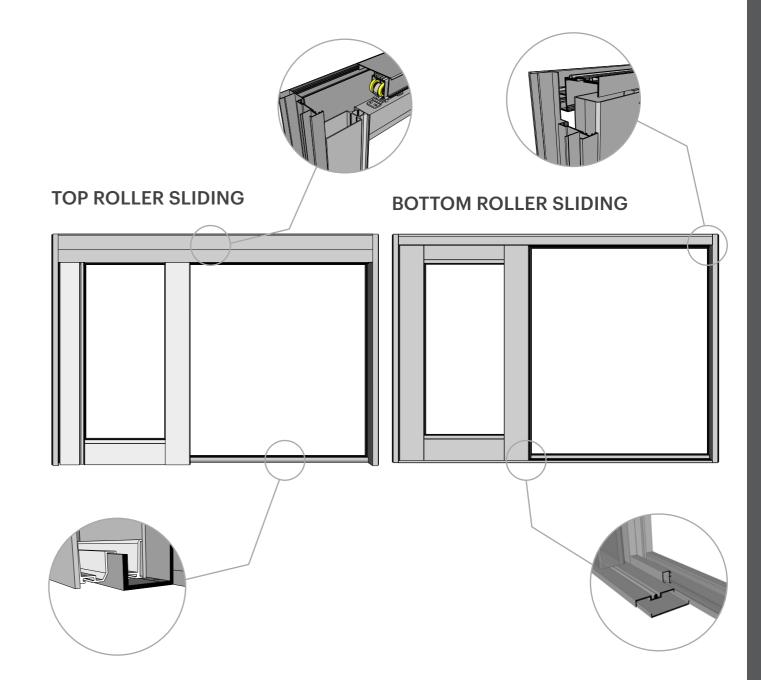
• Door kits available in 62mm & 114mm Stile

### **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**





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

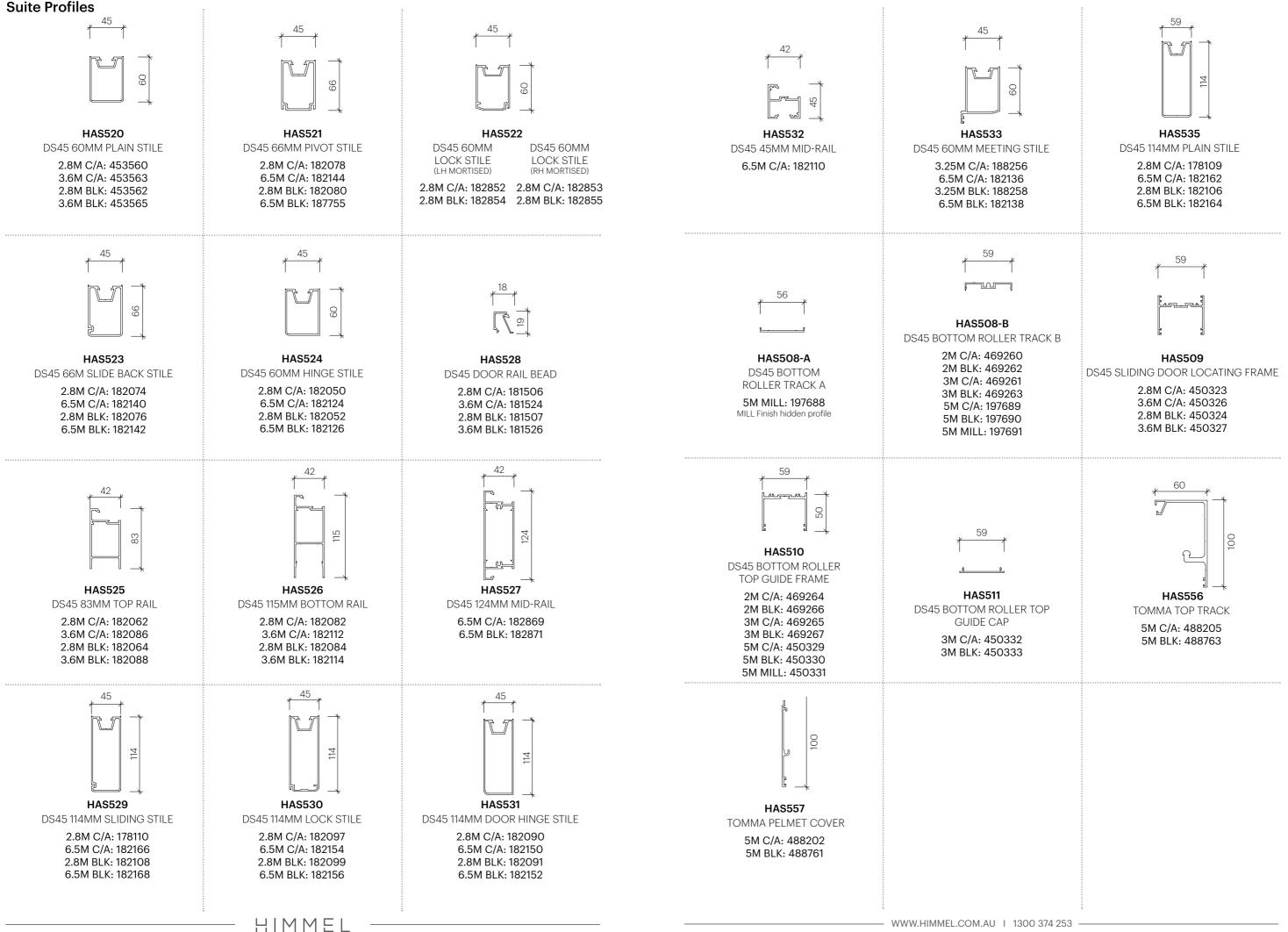
45

SERIES

SLIDER

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- WWW.HIMMEL.COM.AU | 1300 374 253 -



### **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		DS 524 Kit: 61mm Slim Stile Hinged Door C/A: 124859 P/B: 160235	Kit
ITEM	QTY	ITEM	QTY
66mm Slide Back Stile @2.8m	1	61mm Wide Lock Stile @2.8m	1
60mm Lock Stile @2.8m	1	61mm Wide Hinge Stile @2.8m	1
84mm Top Rail @1m	1	83mm High Top Rail @1m	1
115mm Bottom Rail @1m	1	115mm High Bottom Rail @1m	1
Door Bead @2m	1	Door Bead @2m	1
Spiggot Set (x4)	1	Spiggot Set (x4)	1

DS45 114mm Wide Stile Sliding Door Kit C/A: 182874 P/B: 182875		DS 531 Kit: 114mm Wide Stile Hinged Door Kit C/A 159071 P/B 170389		
ITEM	QTY	ITEM	QTY	
114mm Slide Stile @2.8m	1	114mm Wide Lock Stile	1	
114mm Lock Stile @2.8m	1	114mm Wide Hinge Stile @2.8m	1	
115MM Bottom Rail @2m	1	115mm High Bottom Rail @2m	1	
Door Bead @2m	1	Door Bead @2m	1	
Spiggot Set (x4)	1	Spiggot Set (x4)	1	
		Those door kits builds may beight 2.8m width 1m		

#### 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



### Hinged Door Kits

eight 2.8m width 1m hese door kits builds max

If a larger door is required, refer to the profile page to order individual sections or contact your Account Manager.



### **SHOP FRONT 100**

Shop Front 100 is an aluminium commercial framing system that's designed to offer a complete solution with the flexibility to be installed internally or externally.

- Self draining transom

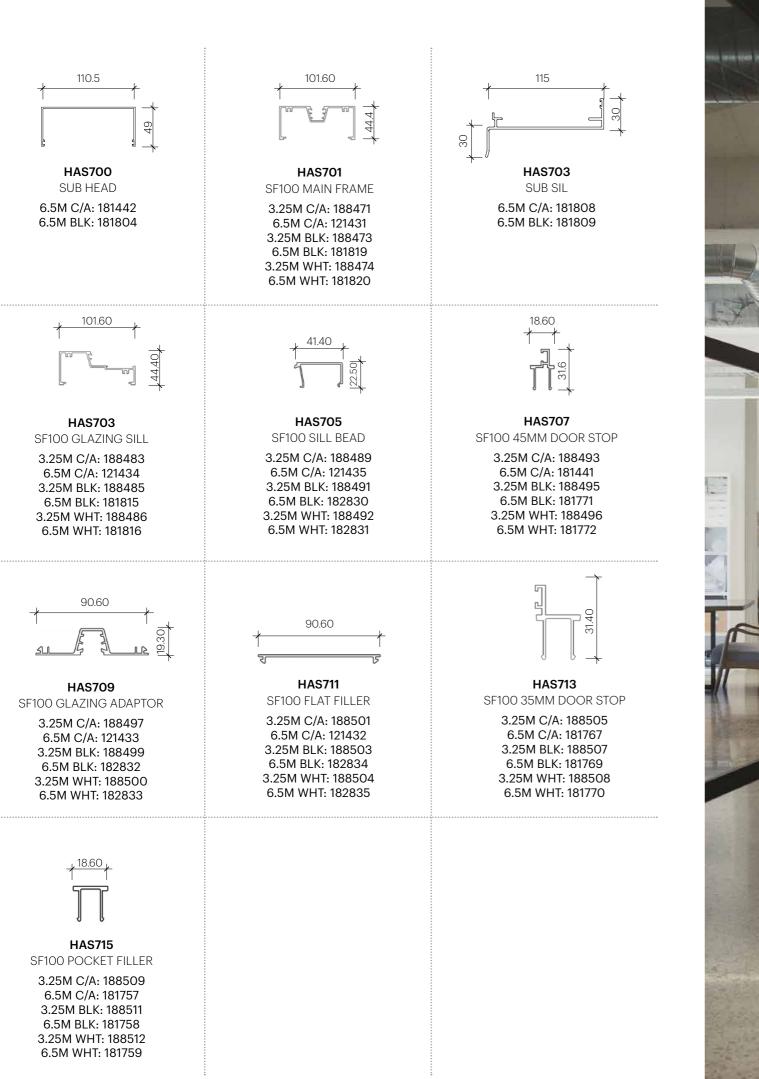
- Tested to AS2047
- wind areas

• Designed and engineered in Australia

• Accepts a variety of commercial doors

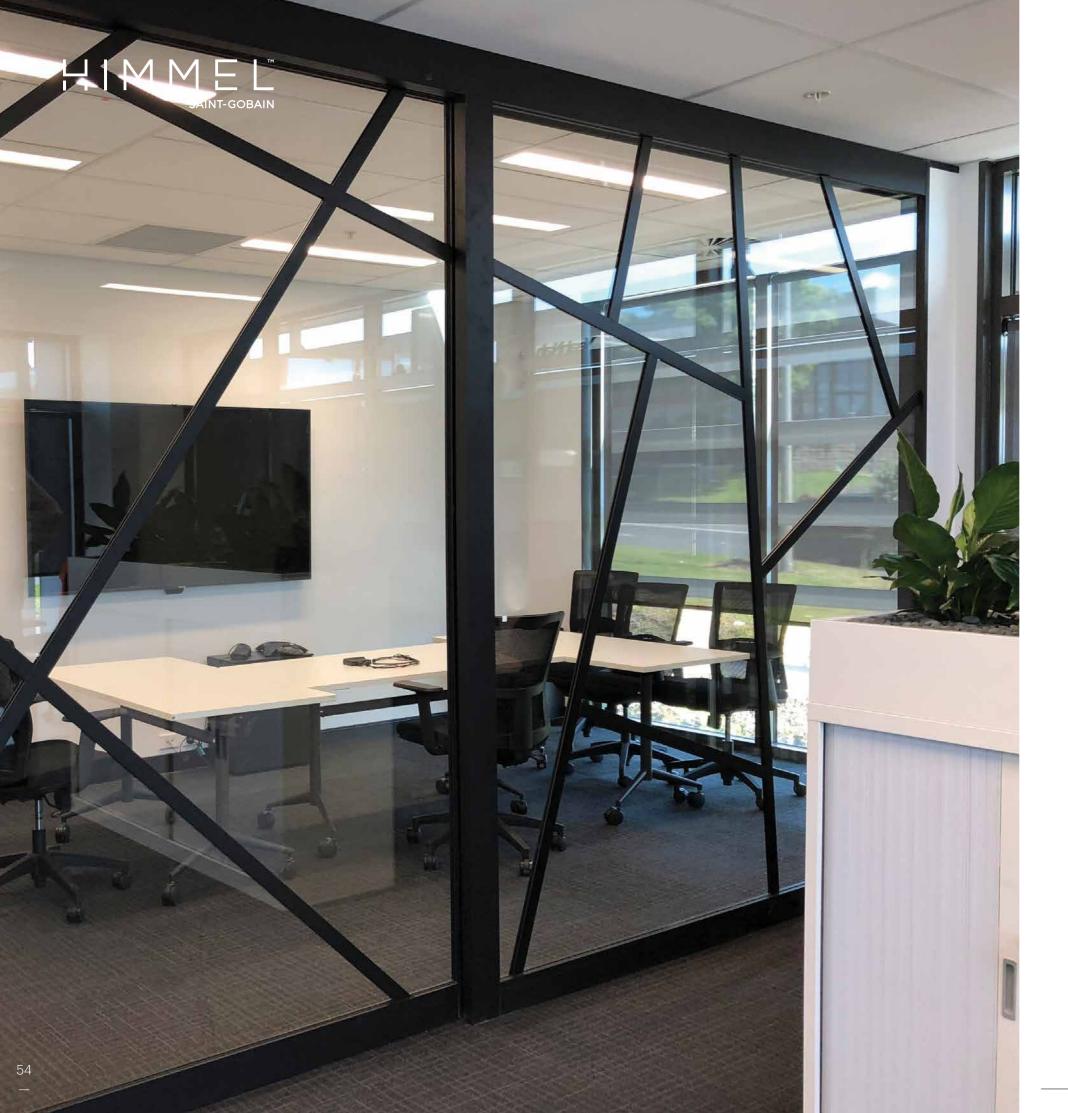
• Can accommodate 6mm - 10.38mm thick laminated glass

• Range of heavy duty mullion options for tall framing and high



\*\*\*\*\*\* ten immerstelle Versamtig v COL ST. IL COL P

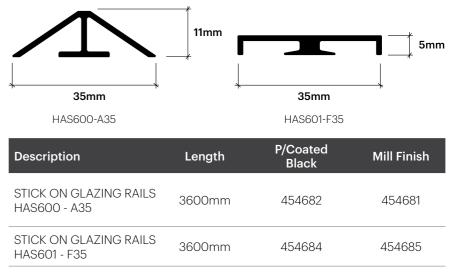




## SOHO

glazing look, in a fraction of the time. recommended:

- Designed to be back-to-back in line with each other, so that the pieces are not visible on the other side
- 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



### **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

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

• Plan and design the layout of your overall look

• Place 18mm double-sided tape onto the rail surface

### 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.

# A

### 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 - 100mm	2800mm	103282	108773	181550	181549
SKIRTING - 100mm	3600mm	103298	160218	181568	181567
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 \*\*

### **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

### **Skirting 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

### Flat Bar

#### Hi ge

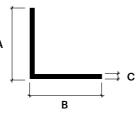
Himmel flat bars protect internal walls in high traffic areas from accidental knocks, abrasions, and general wear and tear. Glue fixed and quick to install, and available in a range of finishes, Himmel flat bars can also be used as finishing window details and header details. Himmel provides a solution 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 - 50mm x 1.6mm	2800mm		182846	182847	
FLAT BAR - 50mm x 1.6mm	4000mm	182848	182850	182851	182849
FLAT BAR - 100mm x 1.6mm	2800mm	155058	170413	179646	181879
FLAT BAR - 100mm x 1.6mm	3600mm	170412	163907	179185	181906
FLAT BAR - 150mm x 1.6mm	2800mm	181928	181930	181931	181929
FLAT BAR - 150mm x 1.6mm	3600mm	170414	181952		181951

### 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.

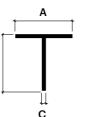
Description (A x B x C)	Length	Clear Anodise	P/Coated Black	P/Coated White	Mill Finish
ANGLE - 12mm x 12mm x 1.6mm	6500mm	181841	179734	179735	134488
ANGLE - 15mm x 15mm x 1.6mm	6500mm	181860			134489
ANGLE - 16mm x 16mm x 3mm	6500mm	181907			181908
ANGLE - 20mm x 20mm x 1.6mm	6500mm	181872	181873	181874	155262
ANGLE - 20mm x 20mm x 3mm	6500mm	180909			181932
ANGLE - 25mm x 25mm x 3mm	6500mm	181953			181954
ANGLE - 32mm x 32mm x 1.6mm	6500mm	181922			181923
ANGLE - 32mm x 32mm x 3mm	6500mm	181970			181971
ANGLE - 40mm x 40mm x 1.6mm	6500mm	181940	181942	181943	181941
ANGLE - 40mm x 40mm x 3mm	6500mm	181987			181988
ANGLE - 50mm x 50mm x 1.6mm	6500mm	181961	181962	181963	179997
ANGLE - 50mm x 50mm x 3mm	6500mm	181997			181998

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

11

### Angles (continued)

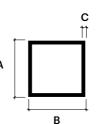
Description (A x B x C)	Length	Clear Anodise	P/Coated Black	P/Coated White	Mill Finish
ANGLE - 60mm x 60mm x 3mm	6500mm				183210
ANGLE - 20mm x 12mm x 1.6mm	6500mm	169977	181861	179643	179641
ANGLE - 20mm x 12mm x 3mm	6500mm	181902			
ANGLE - 25mm x 12mm x 1.6mm	6500mm	181865	181867	181868	181866
ANGLE - 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
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



### **T** Section 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\*\*

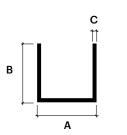


#### **Box Section**

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.



#### 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 - 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\*\*

### CS25 Glazing

Description	Length	Clear Anodise	P/Coated Black
CS25 HAS602-25 x 25mm Glazing Channel	6500mm	182824	182826
CS25 HAS604-25 x 25mm Glazing Base	6500mm	181577	181579
CS25 HAS605-25 x 25mm Glazing Bead	6500mm	181556	181558

Himmel aluminium T sections are designed to guide sliding doors and

### **DOOR HARDWARE**

170472

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**



1/0	449			
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:ouside and inside levers always free \* Fire rated & DDA AS1428.1 compliant







Code	Description	Brand	Brand Model No		Brand Model No Finish		Brand Model No Finish		Door Thickness
457181	CLASSROOM SET 23MM BACK SET (2 HANDLES & MORTISE LOCK)	LOCKWOOD	3782KITO5	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	BRAVA EL6062SC70		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 Thick- ness			
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				
* Eiro rotad & DDA AS14281 compliant								

Fire rated & DDA AS1428.1 compliant

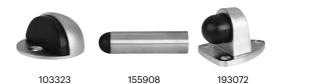
#### HARDWARE ACCESSORIES



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

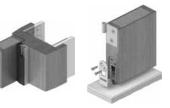
HIMMEL



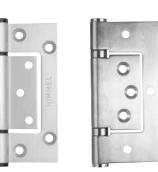


155898

187746



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	ZALHO8TBLK	MATTE BLACK	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

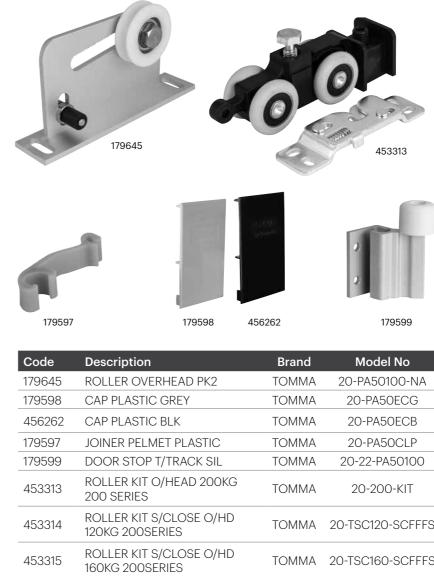
#### **DOOR CLOSERS**



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



### **BARREL AND SLIDING BOLTS**

Himmel

TOMMA

Himmel

ROLLER GUIDE SLIDING SRG

TANDERM ROLLER PK2

DS45 PK2

ROLLER CARRIAGE ASSEMBLY

179600

187785

178114

183177

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

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187785

Model No	Finish	Application
20-PA50100-NA	CLEAR ANODISED	_
20-PA50ECG	GREY	-
20-PA50ECB	BLACK	Top Roller Wall Mount
20-PA50CLP	GREY	
20-22-PA50100	CLEAR ANODISED	-
20-200-KIT	SILVER	_
D-TSC120-SCFFFS	SILVER	Top Roller
D-TSC160-SCFFFS	SILVER	
FGL	MATTE BLACK	
45-7044SNG MATTE BLACK		Bottom Roller
-	SILVER	Bottom Roller

### **OTHER ACCESSORIES**

155049

183133

1000

155045

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

### 300

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

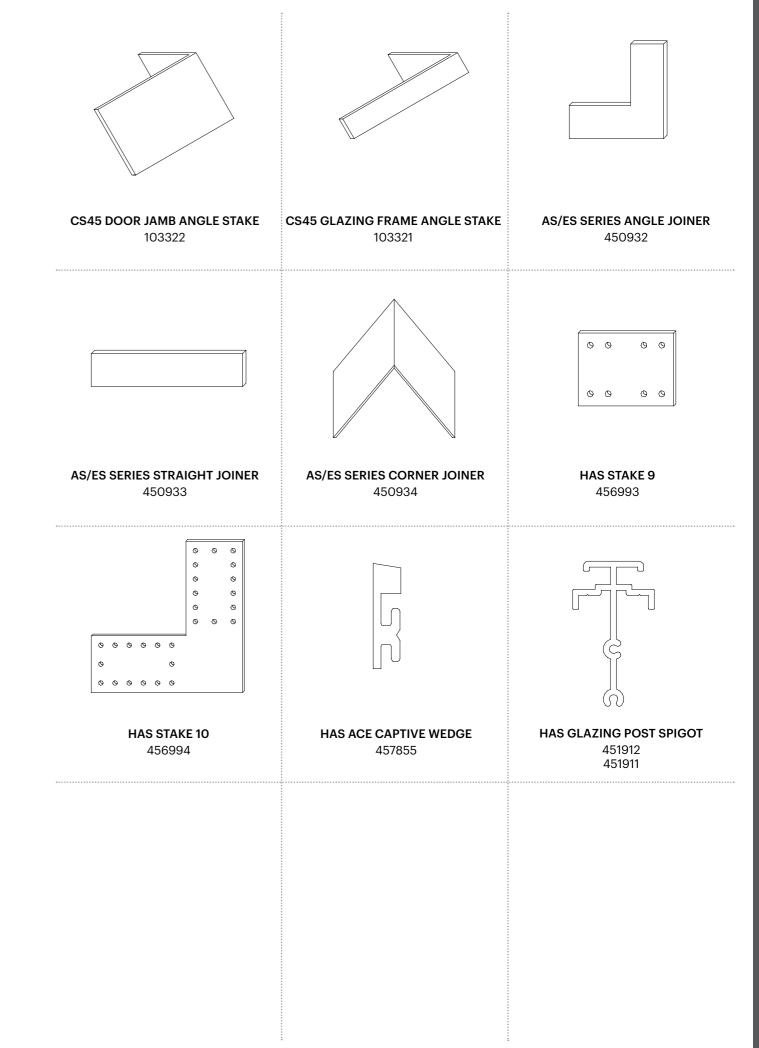


Code	Description	Finish	Application
170661	MOHAIR 007MHLMB	BLACK	AS104, AS132, CS45 door stop
187312	MOHAIR 007MHLMG	GREY	AS104, AS132, CS45 door stop
155006	SCHLEGAL NYLON/BK 13MM NBHLMB	BLACK	DS45 lock still upright
155009	SCHLEGAL NYLON/BK 13MM NBHLMG	GREY	DS45 lock still upright
187830	C50 MOHAIR/LM	GREY	For DS45 HAS509 & HAS510 sliding door frames
187832	C50 MOHAIR/LM	BLACK	For DS45 HAS509 & HAS510 sliding door frames
155131	BULB SEAL	BLACK	For partition door stops
187305	LARGE BULB SEAL	BLACK	For Shop Front door stops



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



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// OTHER ACCESSORIES



### SOLID MDF DOORS

- disabilities is required

Code	Descriptio
155771	MDF SOLI
187729	MDF SOLI
187772	MDF SOLI
187787	MDF SOLI

### MDF DOOR MORTISED

Code	Descripti
155772	MDF DOC
471753	MDF DOC
187648	MDF DOC
187756	MDF DOC

- We offer a wide range of services and customisations
- to meet needs that go beyond standard sizes.
- Customisation and performance features:
- Excellent moisture resistance Our MDF doors are engineered
- with MR EO resin, offering excellent moisture resistance
- Oversize door blank allows for custom cutting on site
- Fabricated mortising available upon request
- Range of hinged and sliding door hardware
- Complementing our contemporary aluminium partitioning suites
- AS1428.1 compliant where accessibility for people with
- Ultimate door safety, security, and performance solution
- Prep work available: mortice lock prep, vision panels, seal prep.

ID DOOR BLANK 2700 x 925 x 32mm ID DOOR BLANK 2700 x 925 x 35mm ID DOOR BLANK 2700 x 925 x 39mm ID DOOR BLANK 2700 x 925 x 44mm

#### ion

OR MORTICED 2700 x 925 x 32mm OR MORTICED 2700 x 925 x 35mm OR MORTICED 2700 x 925 x 39mm OR MORTICED 2700 x 925 x 44mm

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