

HANDLELESS

RAIL SYSTEMS



PWS



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KITCHEN FASCIA MATRIX 41

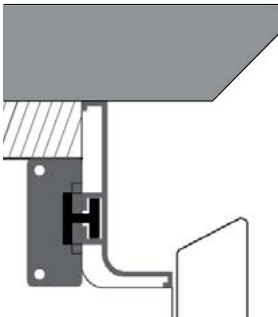
DOOR COMBINATIONS 42

PWS offer two distinct rail systems that allow you to create true handleless kitchens – Recessed and Flush. This document illustrates the difference between the two, where they can be used and how to fit them.

RECESSED RAIL SYSTEM

The recessed rail profile is designed to create a hand void behind the door. Cabinets need to be routed to accept the profile.

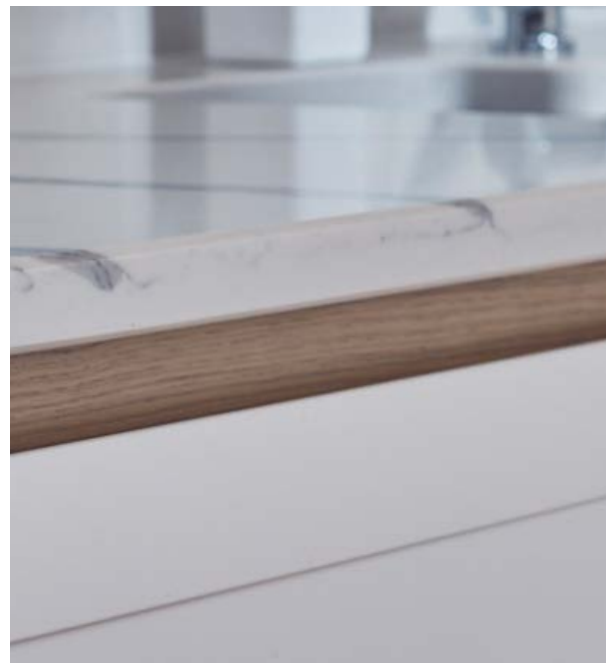
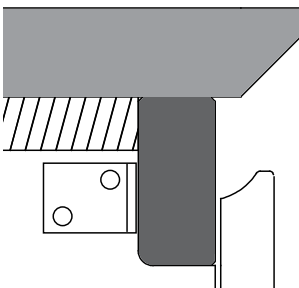
FITTED RAIL DETAIL (top rail shown)



FLUSH RAIL SYSTEM

The flush rail profile is designed to sit flush to the front of the cabinet, using the same cabinet router detail as the recessed rail profile. It should only be specified on doors with a reverse chamfer.

FITTED RAIL DETAIL (top rail shown)



A close-up photograph of a light-colored wooden panel, likely oak, featuring a recessed rail system. The rail is a dark, curved metal strip that fits into a groove cut into the wood. The wood grain is clearly visible, and the lighting highlights the texture of the wood and the smooth finish of the rail. A dark horizontal bar is visible at the top of the frame.

RECESSED RAIL SYSTEM

PRODUCT RANGE OVERVIEW

The recessed rail profile is designed to create a hand void behind the door. Designed for use with our Porter, Tomba, Reclaimed Oak and Character Graphite Feature Modern doors as well as our UNITY made-to-measure range. Cabinets need to be routed to accept the profile.

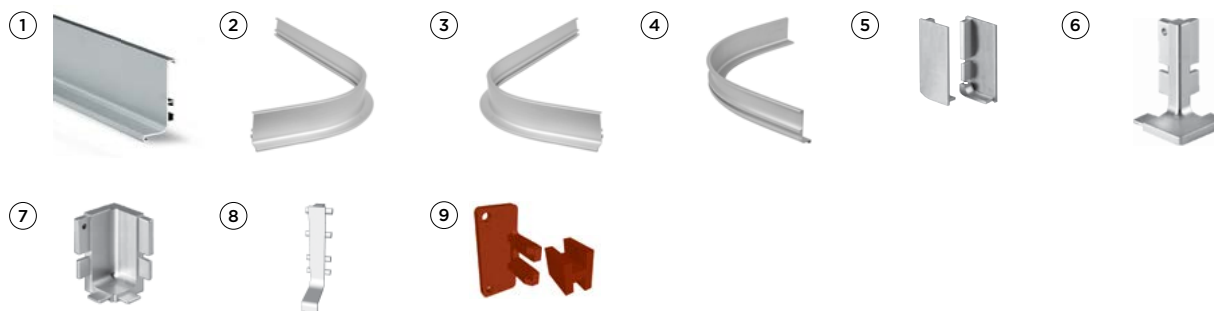
TOP profiles for base units		
	Code	Description
1	GPT4100	Top profile for doors, 4100x56.5x27.2mm, aluminium
1	GPT4100MW	Top profile for doors, 4100x56.5x27.2mm, matt white
1	GPT4100MG	Top profile for doors, 4100x56.5x27.2mm, matt graphite
2	GPCTS560SDL †	Aluminium curved top profile for 300x560mm small curved base cabinet, left hand (cut down for 300x300 applications)
3	GPCTS560SDR †	Aluminium curved top profile for 300x560mm small curved base cabinet, right hand (cut down for 300x300 applications)
4	GPCTIC900 †	Aluminium curved top profile for 900 x 900mm internal curved corner base cabinet
5	GPTEND	End caps for top profiles, pair, 1 left & 1 right hand, aluminium
5	GPTENDMW	End caps for top profiles, pair, 1 left & 1 right hand, matt white
5	GPTENDMG	End caps for top profiles, pair, 1 left & 1 right hand, matt graphite
6	GPTEX90	Top profile, external corner joint 90 degree, aluminium
6	GPTEX90MW	Top profile, external corner joint 90 degree, matt white
6	GPTEX90MG	Top profile, external corner joint 90 degree, matt graphite
7	GPTIN90	Top profile, internal corner joint 90 degree, aluminium
7	GPTIN90MW	Top profile, internal corner joint 90 degree, matt white
7	GPTIN90MG	Top profile, internal corner joint 90 degree, matt graphite
8	GPTJOINT	Mid joint section for top profile, aluminium
8	GPTJOINTMW	Mid joint section for top profile, matt white
8	GPTJOINTMG	Mid joint section for top profile, matt graphite
9	GPFIXING	Securing brackets for top and mid supports, black plastic, pk 2. Minimum order quantity of 25
MID profiles for base units		
10	GPM4100	Mid profile for drawers, 4100x73x26mm, aluminium
10	GPM4100MW	Mid profile for drawers, 4100x73x26mm, matt white
10	GPM4100MG	Mid profile for drawers, 4100x73x26mm, matt graphite
11	GPMIN90	Mid profile, internal corner joint 90 degree, aluminium
11	GPMIN90MW	Mid profile, internal corner joint 90 degree, matt white
11	GPMIN90MG	Mid profile, internal corner joint 90 degree, matt graphite
12	GPMEND	End caps for mid drawer profiles, pair, 1 left & 1 right hand, aluminium
12	GPMENDMW	End caps for mid drawer profiles, pair, 1 left & 1 right hand, matt white
12	GPMENDMG	End caps for mid drawer profiles, pair, 1 left & 1 right hand, matt graphite
VERTICAL profiles for TALL units		
13	GPV4200END •	Vertical profile (lateral), 4200x53.3x41mm, trim to size, aluminium
13	GPV4200ENDMW •	Vertical profile (lateral), 4200x53.3x41mm, trim to size, matt white
13	GPV4200ENDMG •	Vertical profile (lateral), 4200x53.3x41mm, trim to size, matt graphite
14	GPV4200MID •	Vertical a profile (intermediate), 4200x71.6x41mm, trim to size, aluminium
14	GPV4200MIDMW •	Vertical profile (intermediate), 4200x71.6x41mm, trim to size, matt white
14	GPV4200MIDMG •	Vertical profile (intermediate), 4200x71.6x41mm, trim to size, matt graphite
15	GPVAPPFILL	Plug/filler for appliance fittings, 580mm, aluminium
15	GPVAPPFILLMW	Plug/filler for appliance fittings, 580mm, matt white
15	GPVAPPFILLMG	Plug/filler for appliance fittings, 580mm, matt graphite
Profiles for wall units		
16	GPW3900	Profile for wall cabinets, 3900x19.6x20mm, aluminium
16	GPW3900MW	Profile for wall cabinets, 3900x19.6x20mm, matt white
16	GPW3900MG	Profile for wall cabinets, 3900x19.6x20mm, matt graphite
17	GPCWS300SD	Aluminium wall curved profile for 300x300mm small curved door
18	GPCWSIC600	Aluminium wall curved profile for 600x600mm internal curved wall unit

† Applicable 685mm high curved door sizes only available in Tomba.

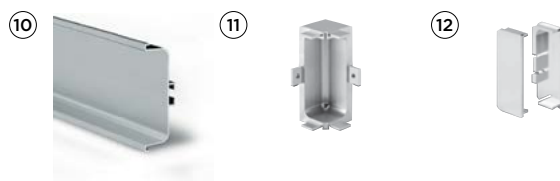
• These products replace GPV2250MID and GPV2250END.

The new specification includes a wider trim profile to allow easier opening of slab doors. Rail profiles are now supplied in lengths of 4.2m and now require a void of 35mm between adjacent cabinets.

TOP profiles for base units



MID profiles for base units



VERTICAL profiles for TALL units



Profiles for wall units



STOCKED FINISHES



Aluminium

White

Graphite

* curved profiles only available in aluminium

COMPATIBLE DOOR RANGES



Porter

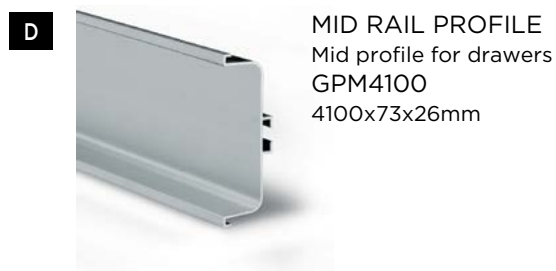
Tomba

Reclaimed
Oak

Character
Graphite

Unity

PRODUCT RANGE OVERVIEW





BASE UNITS

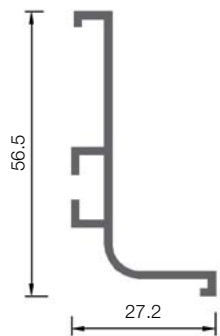
TOP RAIL PROFILE

GPT4100

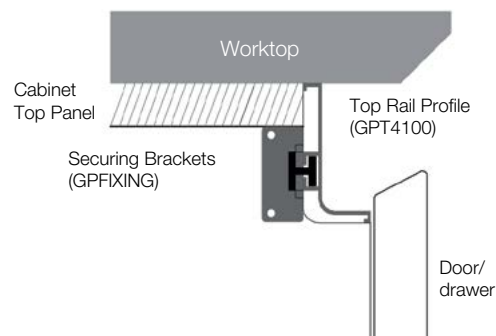
- The top rail profile for base unit doors/drawers is available in straight lengths of 4.1m and in set curved sections.
- Lengths are cut down to size (using a circular chop saw) to fit the requested number of cabinets.
- Securing brackets to fit rail profiles to the cabinets must be ordered separately in sets of 25 pairs (GPFIXING).
- A range of accessories are available for the top rail profile including end caps (GPTEND), mid joint (GPTJOINT) an internal 90° corner (GPTIN90) and an external 90° corner (GPTEX90).



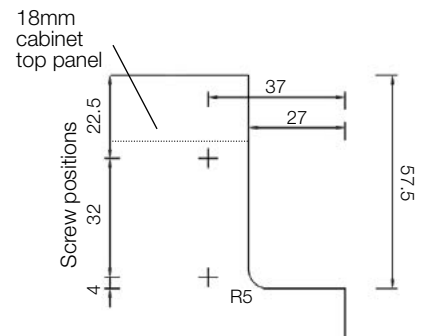
DIMENSIONS



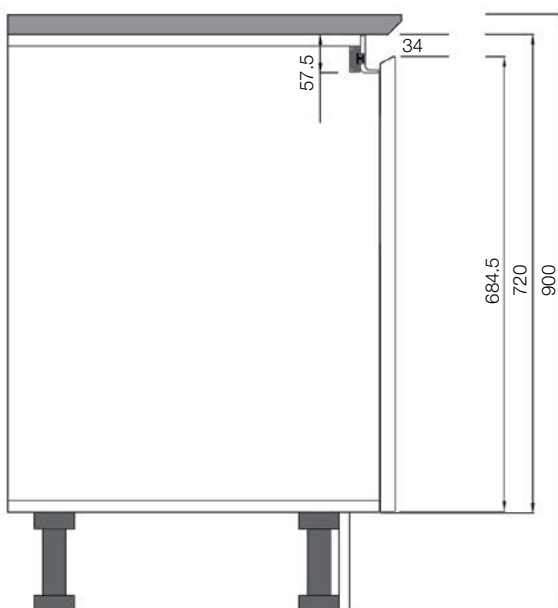
FITTED RAIL DETAIL



ROUTING CABINET DETAIL



OVERALL CABINET DIMENSIONS



SEE PAGE 11 FOR DETAILS ON FITTING RAIL PROFILES TO CABINETS WITH SECURING BRACKETS (GPFIXING).

BASE UNITS

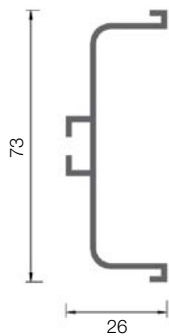
MID RAIL PROFILE

GPM4100

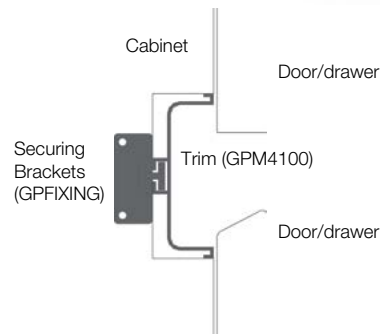
- The mid rail profile for base unit drawers is available in straight lengths of 4.1m.
- Lengths are cut down to size (using a circular/chop saw) to fit the requested number of cabinets.
- Securing brackets to fit rail profiles to the cabinets must be ordered separately in sets of 25 pairs (GPFIXING).
- An internal corner joint (GPMIN90) and end cap (GPMEND) are available separately.



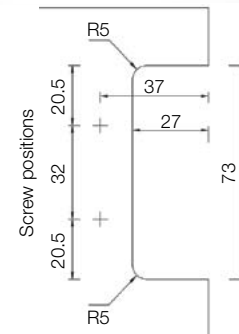
DIMENSIONS



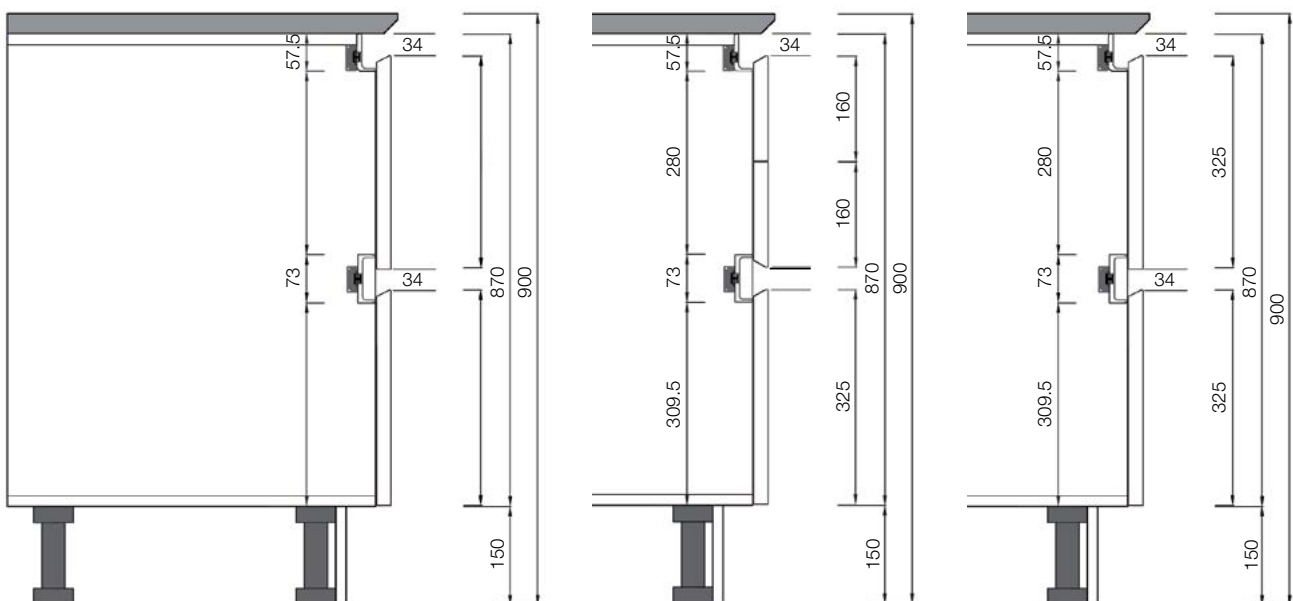
FITTED RAIL DETAIL



ROUTING CABINET DETAIL



OVERALL CABINET DIMENSIONS



BASE UNITS

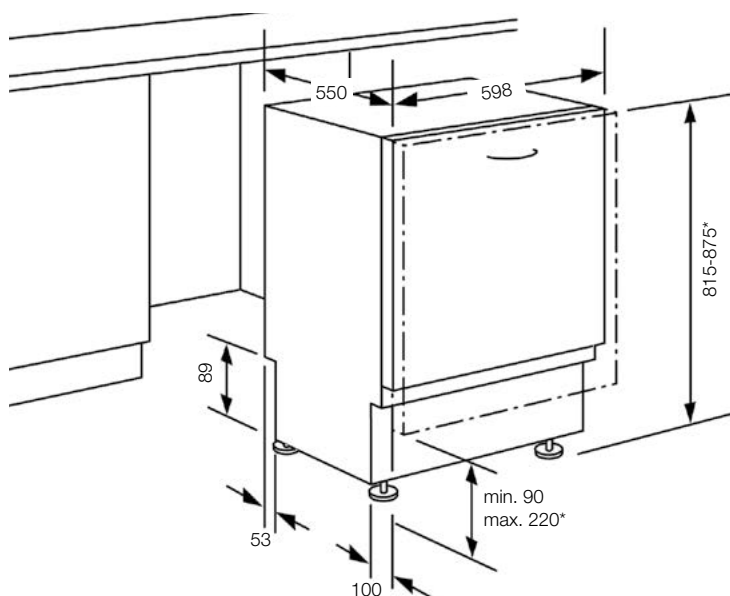
INTEGRATING UNDER COUNTER APPLIANCES

- The top rail profile (GPT4100) can be used when planning a dishwasher into base cabinets.
- XXL dishwasher models can not be used with rail profiles. It is recommended to use a dishwasher with a height range adjustment between 815 - 875mm for the appliance to sit under the rail.

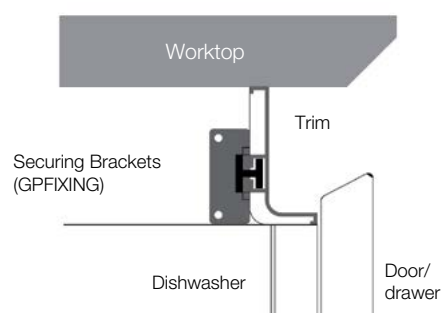
NOTE: We recommend setting the plinth at 155mm for extra clearance.



INTEGRATED DISHWASHER DETAILS



FITTED RAIL DETAIL



Metal brackets (supplied with dishwasher) should be fixed to the outer face of adjacent cabinets. Please Note: an additional bracing baton may be required to the rear of the machine to help reduce movement.

If a draw pack is situated beside an integrated appliance, we recommend using the (GPMEND or GPTEND) end caps to stop any gaps.

UNDERMOUNTED OVEN APPLICATIONS

A top rail profile can not be used in conjunction with an under-mounted oven. Rails must stop on each side of the appliance. They can be finished with GPTEND & GPMEND end caps.

If using a freestanding appliance, end panels will need to be fitted either side of the appliance and the rail profile terminated against the panel.

ILLUSTRATION SHOWS AN EXAMPLE OF HANDLELESS RAIL PROFILES (WITH END CAPS) TERMINATING AGAINST AN OVEN.

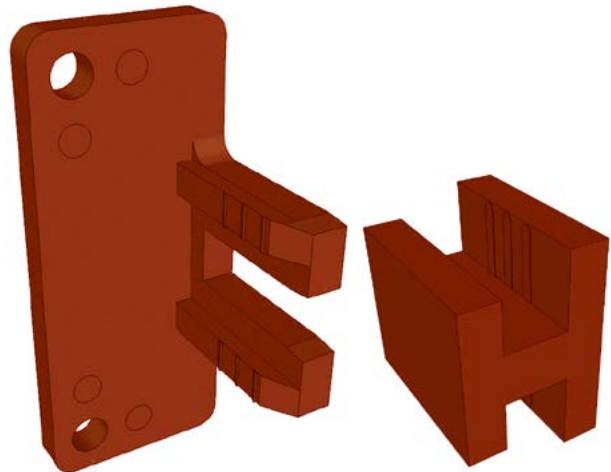


BASE UNITS

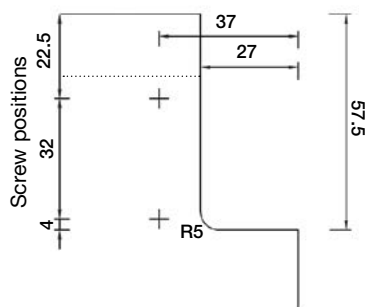
SECURING BRACKETS FOR TOP AND MID RAIL PROFILES

GPFIXING

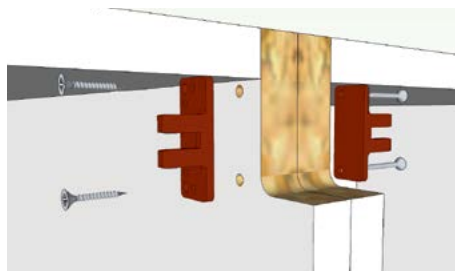
Securing brackets (GPFIXING) are required to fit both top and mid rail profiles to cabinets and must be ordered separately to the rail profiles (supplied in packs of 50).



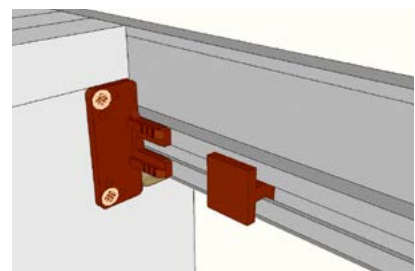
FITTING TOP RAIL PROFILES



Router cabinet gable ends for top rail profile and mark screw positions.

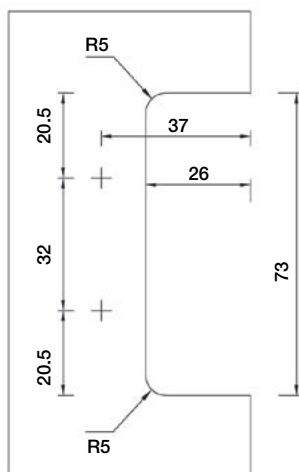


Screw securing brackets into place.

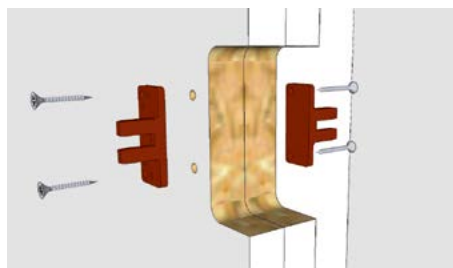


Slide 'H' connector into runner on back of rail trim, sit rail on routed gable ends and slide connector to clip into the securing bracket and hold rail in place.

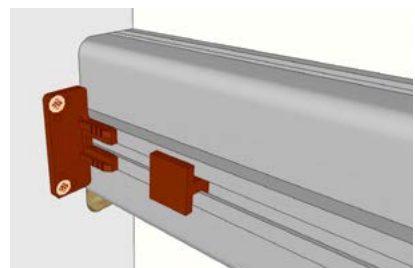
FITTING MID RAIL PROFILES



Router cabinet gable ends for mid rail profile and mark screw positions



Screw securing brackets into place



Slide 'H' connector into runner on back of rail trim, sit rail on routed gable ends and slide connector to clip into the securing bracket and hold rail in place.

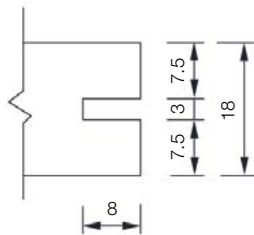
WALL CABINETS

GPW3900

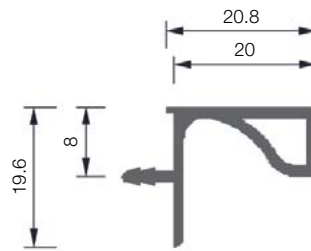
- Rail profiles for wall units are available in straight lengths of 3.9m as well as curved rail sections.
- Single straight rail lengths are cut down to size (using a circular chop saw) to fit between gables.



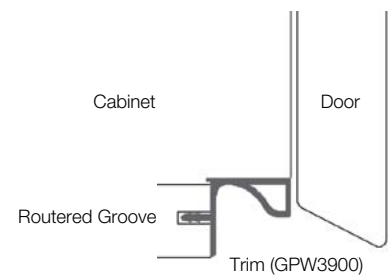
ROUTING CABINET DETAIL



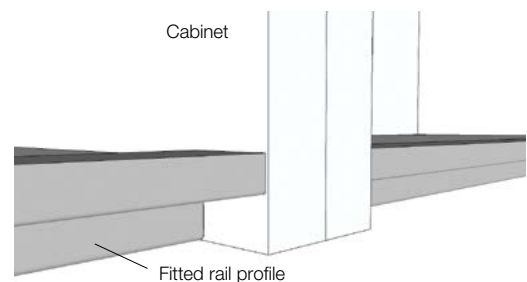
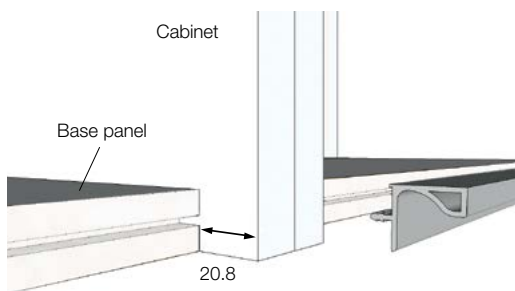
WALL RAIL PROFILE



FITTED RAIL DETAIL



FITTING WALL RAIL PROFILES



The base panel of the wall unit needs to be set back 20.8mm to accommodate the rail profile within the overall depth of the cabinet.

A groove (3.2mm high, 8mm deep) must then be routed into the base panel using a slotting cutter.

The rail profile then slots into the routed groove (clear silicone adhesive should be used to bind the rail with the panel).

APPLIANCE/ LARDER UNIT

VERTICAL PROFILE (INTERMEDIATE)

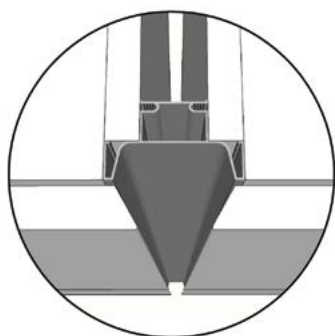
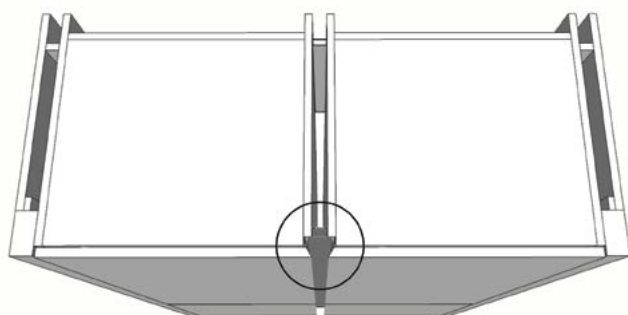
GPV4200MID

- The vertical intermediate profile should be used in the scenario where two opening doors meet. Due to the width and placement of the trims, a 35mm spacer is required at the back between the two cabinets to maintain the space created by the trim.
- The front of the gables on the cabinets need to be set back by 20mm for the trim to overlap behind the doors.
- The trim is securely fixed to the cabinets with 4 x 30mm countersunk screws.



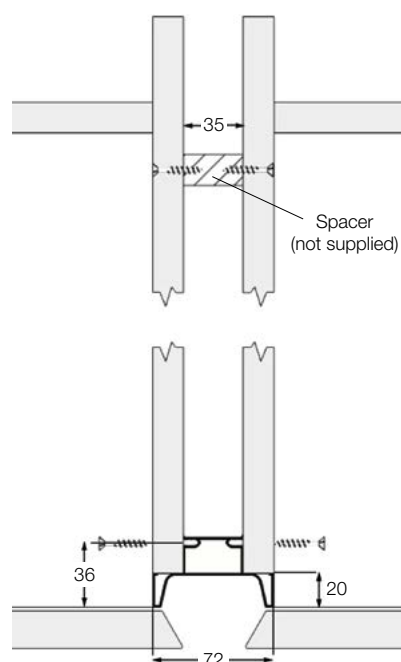
RAIL APPLICATION

RAIL APPLICATION BETWEEN TWO OPENING DOORS



When joining cabinets in larder runs, a spacer is needed at the back to maintain the 35mm void created by the trim profile. The spacer is screw fixed to the cabinets from the inside of each cabinet.

FITTING DETAIL



TOP TIPS:

1. TRY TO POSITION THE SCREW HOLES IN THE CABINET SO THEY ARE CONCEALED (SUCH AS BEHIND HINGE PLATES) WHEN INTERNAL COMPONENTS ARE ADDED.
2. WHEN PLANNING APPLIANCE HOUSINGS DON'T FORGET TO ALLOW 35MM BETWEEN UNITS WHERE ACCESS TO A HANDLE IS REQUIRED.

APPLIANCE/ LARDER UNIT

VERTICAL PROFILE (LATERAL)

GPV4200END

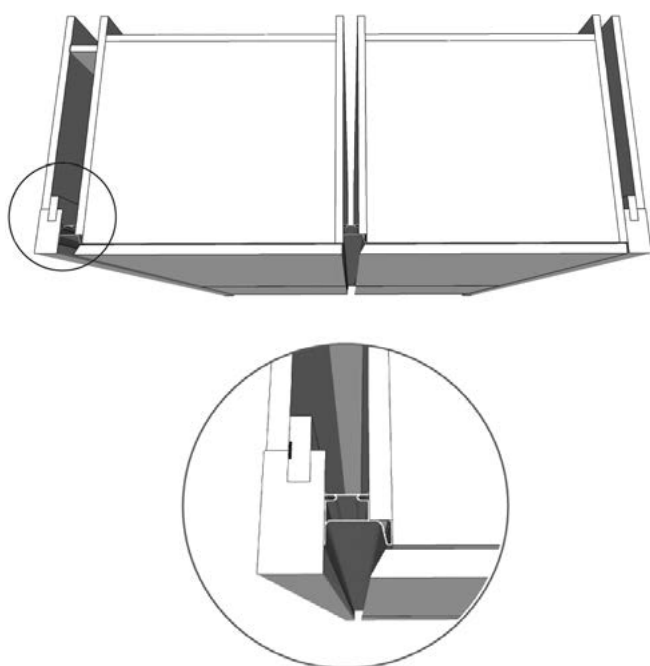
- The vertical lateral profile should be used in the scenario where you have an opening door to one side and don't require access to a handle on the opposite side. It can also be used to end a run where an end panel or accessory is fitted.
- Due to the width and placement of the trims, a 35mm spacer is required at the back between the two cabinets and 66mm between cabinet and end panel/feature post based on 50mm post and 18mm panel.
- The front of the gable on the cabinet needs to be set back by 20mm for the trim to overlap behind the door.
- The trim is securely fixed to the cabinets with 4 x 60mm countersunk screws.



NOTE: THIS PRODUCT REPLACES GPV2250END. THE NEW SPECIFICATION INCLUDES A WIDER TRIM PROFILE TO ALLOW EASIER OPENING OF SLAB DOORS. RAIL PROFILES ARE NOW SUPPLIED IN LENGTHS OF 4.2M AND NOW REQUIRE A VOID OF 35MM BETWEEN ADJACENT CABINETS.

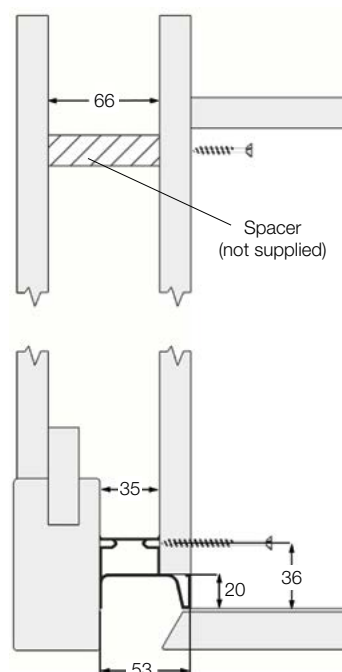
RAIL APPLICATION

RAIL APPLICATION BETWEEN OPENING DOOR AND END PANEL/POST



When joining cabinets in larder runs, a spacer is needed at the back to maintain the 35mm void created by the trim profile. The spacer is screw fixed to the cabinets from the inside of each cabinet.

FITTING DETAIL



TOP TIP: TRY TO POSITION THE SCREW HOLES IN THE CABINET SO THEY ARE CONCEALED (SUCH AS BEHIND HINGE PLATES) WHEN INTERNAL COMPONENTS ARE ADDED.

APPLIANCE FILLER RAIL

GPVAPPFILL

- Used to conceal the void behind an appliance when used in an appliance housing using vertical rail profiles
- Screw fixed into the cabinet gable
- 3No. pre-drilled, countersunk holes for ease of fitting
- Designed to fit seamlessly inside both Vertical Profiles GPV4200MID and GPV4200END
- Should the appliance require a screw fixing into the cabinet, the appliance filler can be drilled to accommodate the screws
- The trim can be cut down to suit different sized appliances and applications. When doing so, we recommend that the cut edge is treated with metal file to remove any sharp edges and is positioned out of the sight.

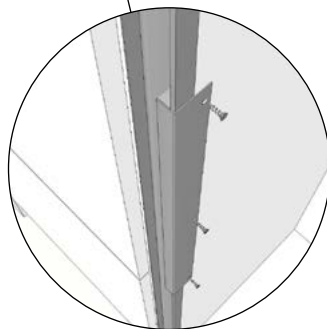


APPLIANCE FILLER RAIL

APPLIANCE FILLER RAIL SHOWN MOUNTED BEHIND APPLIANCE

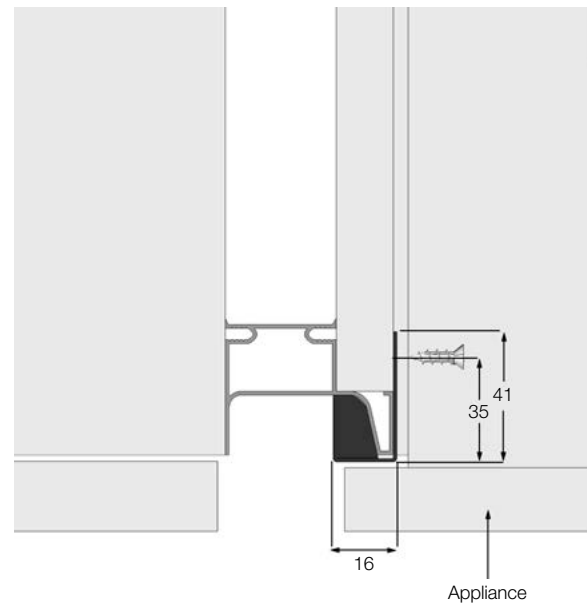


Screw-fix into cabinet gable using 3No. 4x12mm screws before installation of the appliance.



FITTING DETAIL

DESIGNED TO MATCH BOTH VERTICAL PROFILES FOR A SEAMLESS LOOK AND SCREW-FIXED INTO THE CABINET.



TOP TIPS:

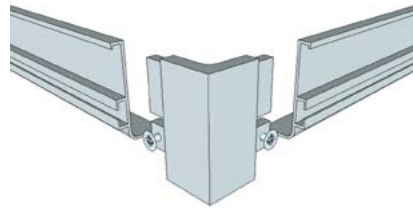
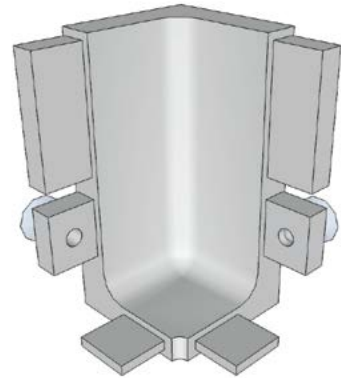
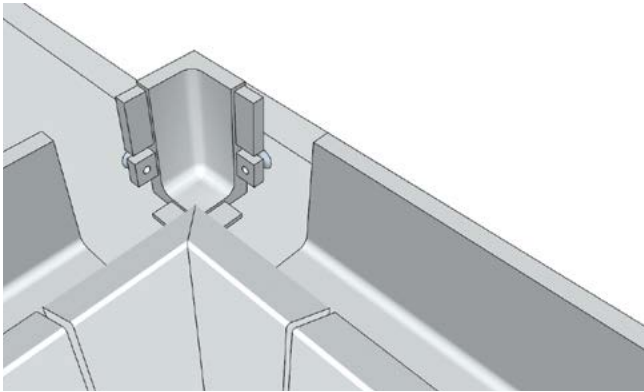
1. IT IS POSSIBLE TO DRILL THROUGH THE TRIM IF THE APPLIANCE REQUIRES A SCREW-FIXING INTO THE CABINET.
2. APPLIANCE PLUG SHOWN SET DOWN FROM THE TOP OF THE APPLIANCE BY 10MM. WHEN STACKING APPLIANCES, WE RECOMMEND LEAVING A 10MM GAP TO THE TOP AND BOTTOM OF BOTH APPLIANCES.

END CAPS/CORNER JOINTS

TOP PROFILE INTERNAL CORNER JOINT 90° (FOR USE WITH GPT4100)

GPTIN90

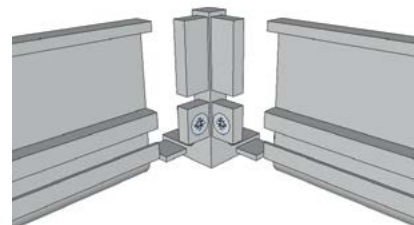
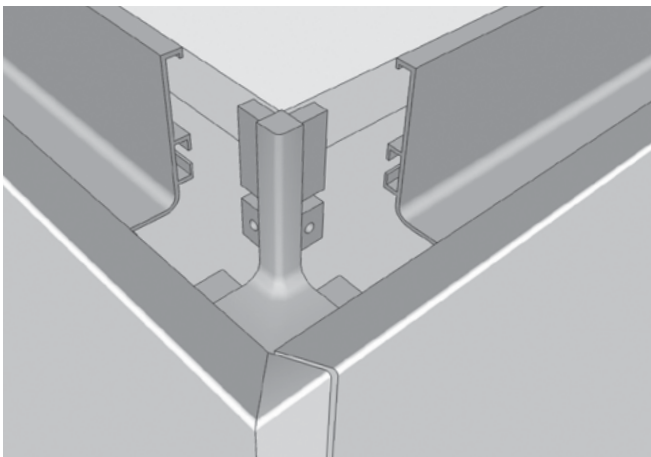
When applying a corner post or internal corner doors, a top internal corner joint is required for two top profiles to run into. The internal corner joint section is supplied with two screws which when in position secure the joint to the rail profiles.



TOP PROFILE EXTERNAL CORNER JOINT 90° (FOR USE WITH GPT4100)

GPTEX90

An external corner joint is available when running top rail profiles around an island or corner. The external corner joint is supplied with two screws, which when in position, secure the joint firmly to the rail profile.

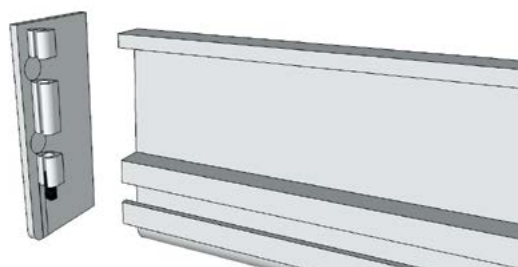
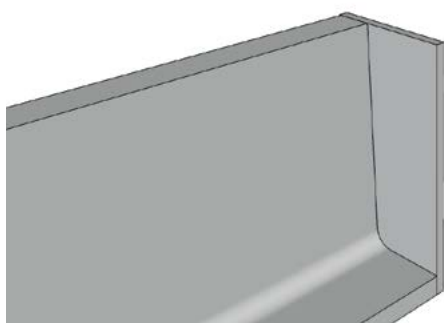
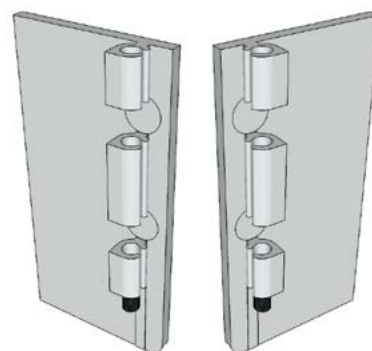


END CAPS TOP PROFILE, PAIR, LH/RH (FOR USE WITH GPT4100)

GPTEND (L/R pair)

End caps can be used when top rail trims come to an end (e.g. against a wall, end panel next to appliances). A grub screw is supplied to attach the end cap firmly to the rail.

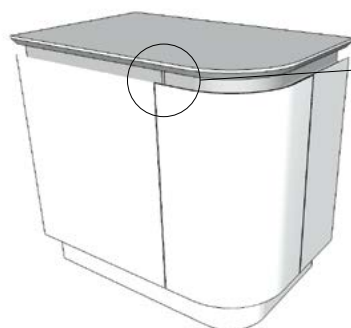
TOP TIP: WHEN USING END CAPS, A 2MM SPACING MUST BE TAKEN IN TO ACCOUNT (WHEN CUTTING DOWN THE TRIM).



MID JOINT SECTION FOR TOP PROFILE (FOR USE WITH GPT4100)

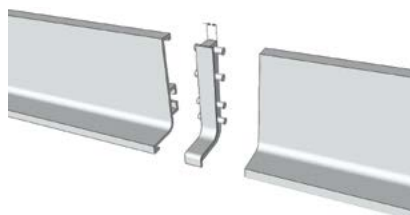
GPTJOINT

A mid joint section is available to hide joints in certain applications where two top rail profiles meet (e.g. when a straight rail profile meets a curved rail section or when you need to join the length).

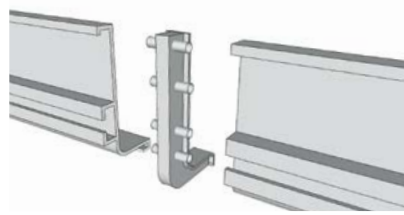


Front view

5mm



Rear view



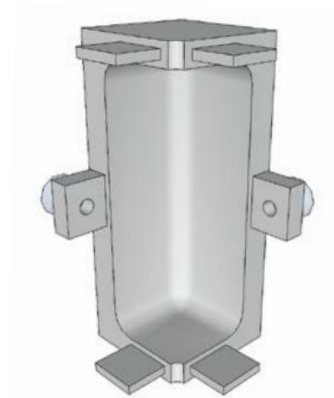
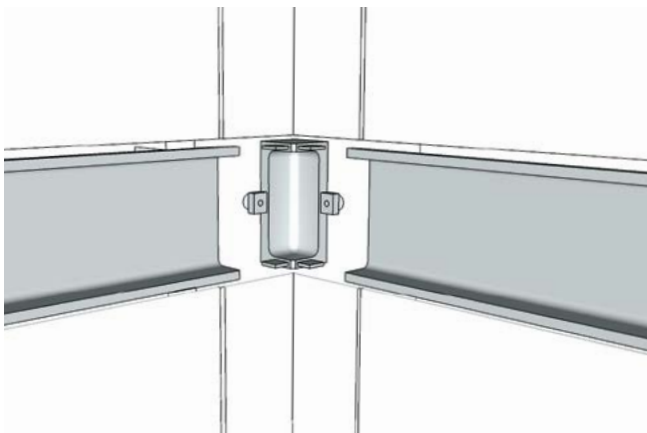
TOP TIP: WHEN USING MID JOINTS, A 5MM SPACING MUST BE TAKEN INTO ACCOUNT WHEN CUTTING DOWN THE RAIL PROFILES THAT ARE BEING JOINED AT EITHER SIDE.

END CAPS/CORNER JOINTS

MID PROFILE INTERNAL CORNER JOINT 90° (FOR USE WITH GPM4100)

GPMIN90

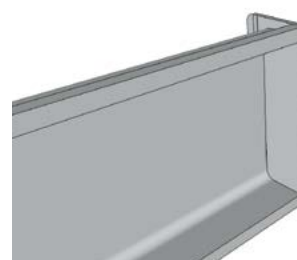
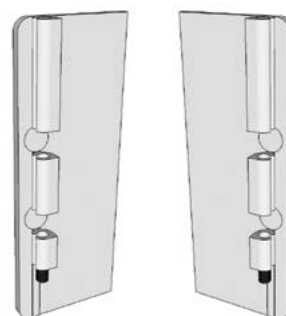
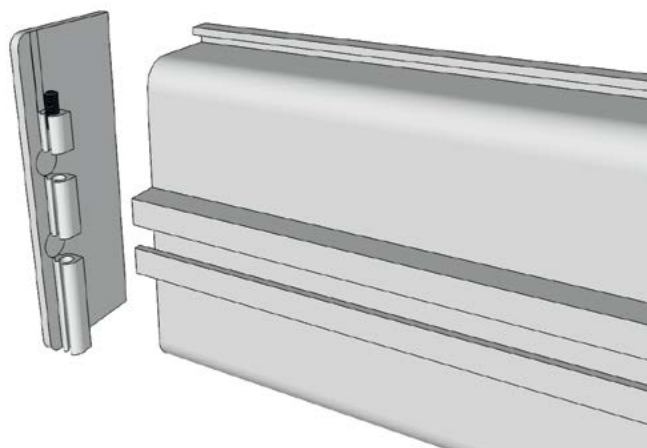
When joining two mid rail profiles in a corner application a mid profile internal corner joint is required for two mid profiles to run in to the internal corner joint. The internal corner joint is supplied with two screws which when in position secure the joint to the rail profiles.



END CAPS FOR MID DRAWER PROFILE, PAIR, LH/RH (FOR USE WITH GPM4100)

GPMEND

End caps can be used when mid rail trims come to an end (e.g. against a wall next to an end panel or next to appliances). A grub screw is supplied to attach the end cap firmly to the rail.



APPLICABLE DOOR RANGES

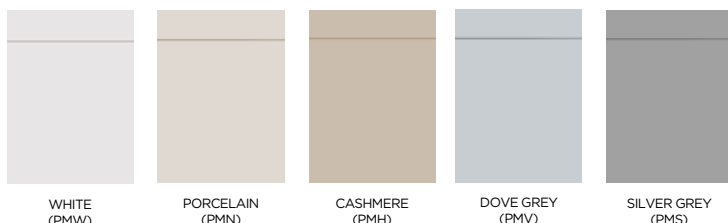
Recessed rail profiles can be used with the following door ranges.

PORTER

STOCKED FINISHES

Prefix code for door range/colour shown in brackets.

MATT



GLOSS



FEATURED IN: **BioGraphy®**



PRODUCT INFORMATION

DOOR STYLE:	Slab
DOOR THICKNESS:	18mm
SPECIFICATION:	MDF with melamine reverse
FINISH:	Painted, matt/gloss lacquer

DOOR FINISH	BOARD MATCH
ALABASTER	Egger U104
BEIGE	Egger U156, Kronospan U119
CASHMERE	Egger U702
DOVE GREY	Egger U708
GRAPHITE	Egger U961
PORCELAIN	Egger W1200, Kronospan 101
SILVER GREY	Egger U765
WHITE	Egger W1000



**21 WORKING DAYS
LEADTIME**
(for orders placed before
12 noon Wednesday cut off)



DOOR RANGES OVERVIEW

TOMBA

AVAILABLE IN OUR PAINT-TO-ORDER PALETTE

FEATURED IN: **BioGraphy®**



GLOSS WHITE SHOWN

PRODUCT INFORMATION

DOOR STYLE:	Handleless slab with reverse chamfer edge profile
DOOR THICKNESS:	22mm
SPECIFICATION:	MDF, over-lacquered
FINISH:	Painted, gloss lacquer (Matt & Gloss available in Paint-to-order)



**21 WORKING DAYS
LEADTIME**
(for orders placed before
12 noon Wednesday cut off)



FEATURE MODERN DOORS

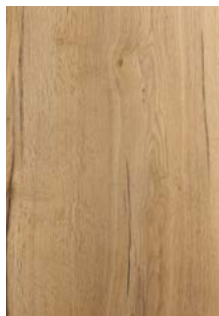
STOCKED FINISHES

Prefix code for door range/colour shown in brackets.

FEATURE DOORS



CHARACTER GRAPHITE
(CG)



RECLAIMED OAK
(OA)

FEATURED IN: **BioGraphy®**



PRODUCT INFORMATION

DOOR STYLE:	Slab feature door
DOOR THICKNESS:	18mm
SPECIFICATION:	MFC, textured laminated board
FINISH:	Synchronised woodgrain effect (vertical grain direction)

DOOR FINISH BOARD MATCH

CHARACTER GRAPHITE	Egger H3452 ST36
RECLAIMED OAK	Egger H1180 ST37



COLOUR OPTIONS & FINISHES

All available in made-to-measure sizes

GLOSS COLOURS

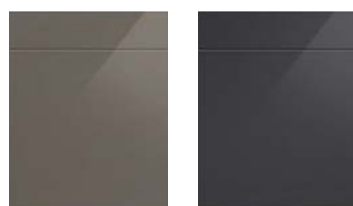


PURE WHITE

CASHMERE

LIGHT GREY

DAKAR



LAVA

GRAPHITE

GLOSS METALLIC FINISHES



FJORD METALLIC

GRAPHITE METALLIC

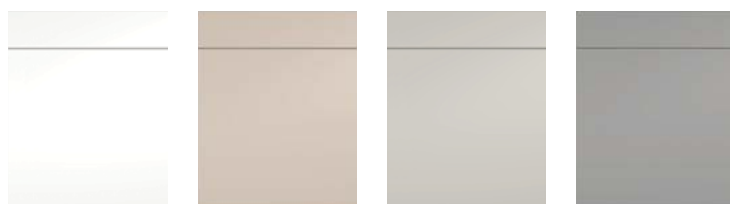
GOLD METALLIC

GLOSS WOODGRAIN EFFECT



SMOKED ASH

SUPERMATT COLOURS



PURE WHITE

CASHMERE

LIGHT GREY

STEEL GREY



LAVA

GRAPHITE

FJORD

PRODUCT INFORMATION

DOOR STYLE:	Slab
DOOR THICKNESS:	18mm
SPECIFICATION:	MDF
COVERING MATERIAL/FINISH	<p>Gloss Colours & Metallic: Acrylic front face with matching matt PVC reverse.</p> <p>Supermatt: Perfect Touch matt PVC front face, matching matt reverse (Steel Grey has acrylic front face).</p> <p>Smoked Ash Woodgrain: Gloss PVC front face, silver matt reverse.</p>

Notes:

Metallic colours have a directional finish as indicated by arrows on the protective film. Arrows should all face in the same direction when fitting. Drilling must be specified left or right hand with metallic doors.

EDGE OPTIONS

UNITY made-to-measure is available in 2 edge options.



Matching
AirTech Edge

Two-Tone
3D glass effect

NOTES:

- Supermatt finishes are available in a matching edge only
- End panels are edged all 4 sides as standard and are supplied in matching edge only
- Pelmet & plinth are edged on one long side only with a matching edge.



Made-to-measure sizes



Manufactured in the UK



High gloss or fingerprint free supermatt



11 day lead time



Fira Gold Certification



5 year guarantee



RECESSED RAIL SYSTEM COLOUR OPTIONS

STOCKED FINISHES



Aluminium



White



Graphite

ALUMINIUM

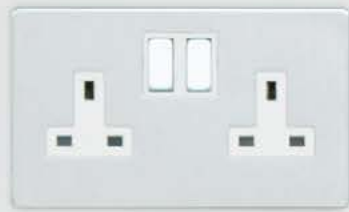


WHITE



GRAPHITE





FLUSH RAIL SYSTEM

PRODUCT RANGE OVERVIEW

The Flush Rail Profile is designed to sit flush to the front of the cabinet, using the same cabinet router detail as the recessed handleless rail and should only be specified on doors with a reverse chamfer.

TOP rail profile		
	Code	Description
1	***TP3000	Flat Horizontal trim TOP profile for base units for use with chamfer door - 3000x57x26.5mm
1	***TP3000RYE	Flat Horizontal trim TOP profile for base units for use with chamfer door - 3000x57x26.5mm, rye oak
MID rail profile		
2	***MP3000	Flat Horizontal trim MID profile for base units for use with chamfer door - 3000x72x26.5mm
2	***MP3000RYE	Flat Horizontal trim MID profile for base units for use with chamfer door - 3000x72x26.5mm, rye oak
VERTICAL trim profiles		
3	***VPI3000	Vertical trim profile, Intermediate - 3000x71x41mm
3	***VPI3000RYE	Vertical trim profile, Intermediate - 3000x71x41mm, rye oak
4	***VPL3000	Vertical trim profile, lateral - 3000x53x41mm
4	***VPL3000RYE	Vertical trim profile, lateral - 3000x53x41mm, rye oak

When ordering use the following pre-fix codes:

Colour	Code pre-fix
Chalk	ELC
Partridge Grey	ELG
Stone	ELS



STOCKED FINISHES



PAINT-TO-ORDER



Primed

DOOR RANGES



Ellerton

* Flush Rail Profiles can also be used with our Tomba door range. Subject to designers discretion.



A



FLAT HORIZONTAL TRIM MID PROFILE
For base units for use with chamfer door MP3000
3000x57x26.5mm

B



FLAT HORIZONTAL TRIM TOP PROFILE
For base units for use with chamfer door TP3000
3000x72x26.5mm

C



VERTICAL TRIM PROFILE
Intermediate
VPI3000
3000x71x41mm

D



VERTICAL TRIM PROFILE
Used between cabinet and feature end post or panel, on instances where the door is hinged on the opposite side.
VPL3000
3000x53x41mm

* Not shown on image

BASE UNITS

TOP RAIL PROFILE - HI - LINE

MP3000

When using a standard base unit, the top panel and gables of the cabinet need to be modified from standard cabinet construction.

- The top panel needs to be set back by 27mm
 - Both gables of the cabinet need to be routed (details shown below). We suggest using a 10mm router cutter in order to achieve the required 5mm internal radius.
- This corresponds to the radius on the flat Top Rail Profile.



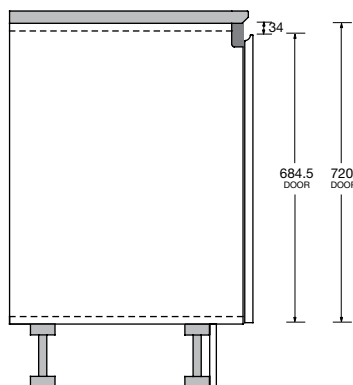
TOP RAIL PROFILE. CABINET DETAILS - HI-LINE

When planning base units with a 685mm door, the top panel and gables of the cabinet need to be modified from the standard cabinet construction.

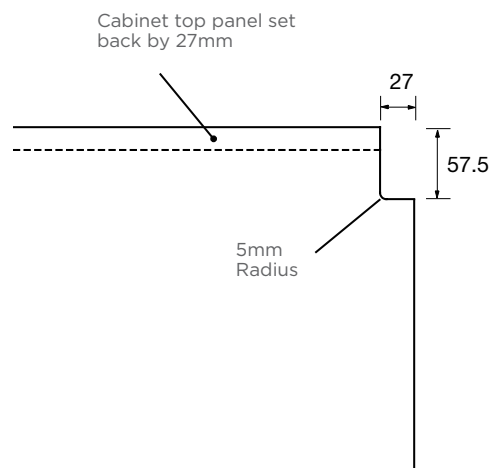
- The top panel needs to be set back by 27mm
 - Both gables of the cabinet need to be routed (details shown below). We suggest using a 10mm router cutter in order to achieve the 5mm internal radius required.
- This radius corresponds to the radius on the Top Rail Profile.



TOP RAIL CABINET SECTION DETAIL



ROUTING CABINET DETAIL



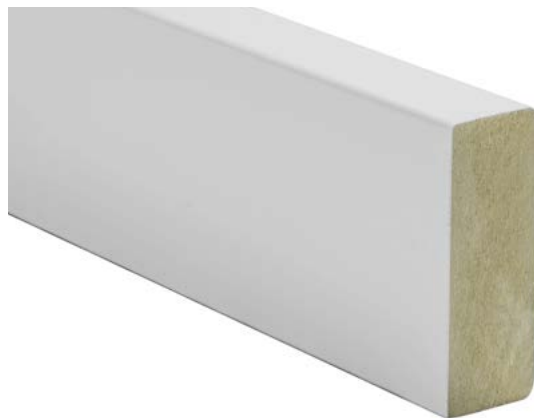
BASE UNITS

MID RAIL PROFILES - DRAWER PACK

MP3000

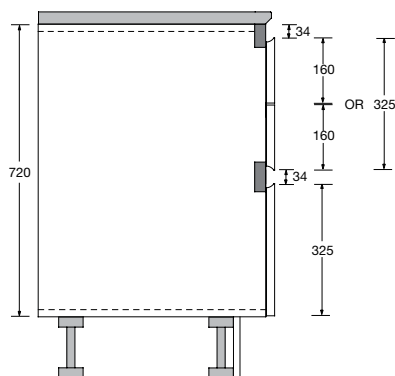
When using a standard base unit, the top panel and gables of the cabinet need to be modified from standard cabinet construction.

- The panel needs to be set back by 27mm
- Both gables of the cabinet need to be routed (details shown below). We suggest using a 10mm router cutter in order to achieve the required 5mm internal radius. This corresponds to the radius on the flat Mid Rail Profile.



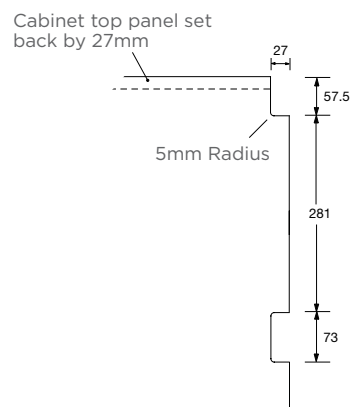
MID RAIL CABINET SECTION DETAIL

*This illustration shows a 3 drawer set. For a 2 drawer, please replace the 160mm drawer fronts for 325mm drawer fronts. Modifications to the cabinet are the same as above.



ROUTING CABINET DETAIL

Both cabinet gables notched at the dimensions shown



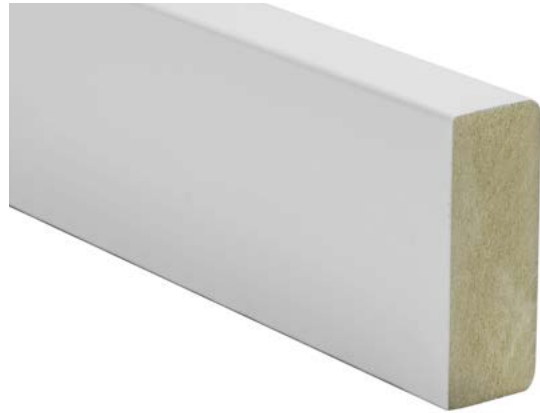
BASE UNITS

MID RAIL PROFILES - DRAWER PACK

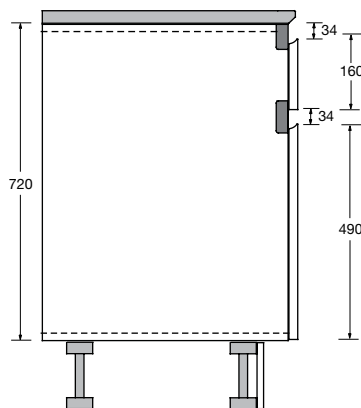
MP3000

When using a standard base unit, the top panel and gables of the cabinet need to be modified from standard cabinet construction.

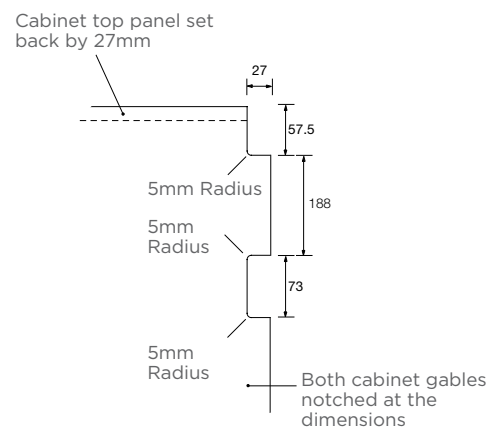
- The top panel needs to be set back by 27mm
- Both gables of the cabinet need to be routed (details shown below). We suggest using a 10mm router cutter in order to achieve the required 5mm internal radius. This corresponds to the radius on the flat Mid Rail Profile.



MID RAIL CABINET SECTION DETAIL



ROUTING CABINET DETAIL



BASE UNITS

INTEGRATING UNDER COUNTER APPLIANCES

INTEGRATED DISHWASHERS

Integrating an under counter dishwasher requires consideration when selecting your appliance.

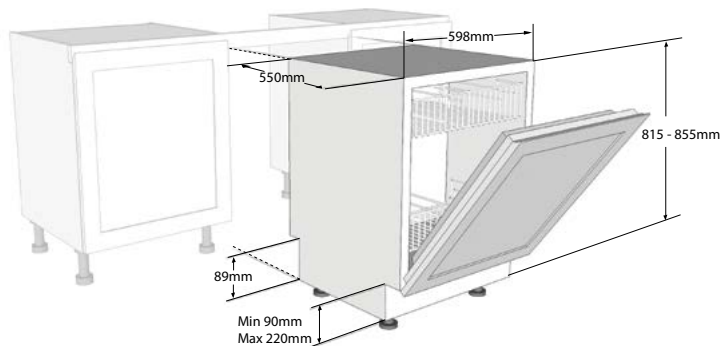
XXL Dishwasher models can not be used with the Flush Rail Profiles.

We recommend using dishwashers with a height range adjustment of between 815 - 855mm.

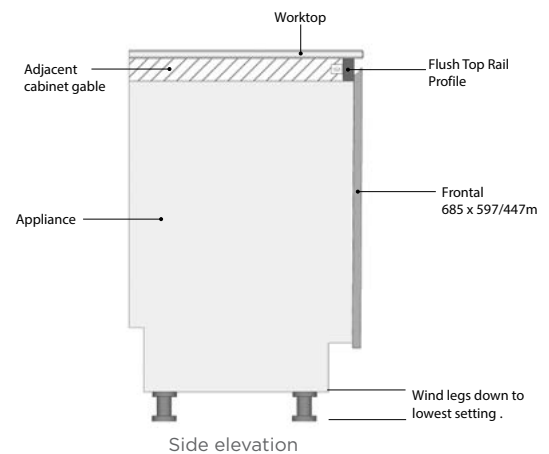
TOP TIP: SET THE PLINTH AT 155MM AND WIND THE DISHWASHER DOWN TO THE LOWEST SETTING FOR EASE OF INSTALLATION.



TOP RAIL CABINET SECTION DETAIL



ROUTING CABINET DETAIL

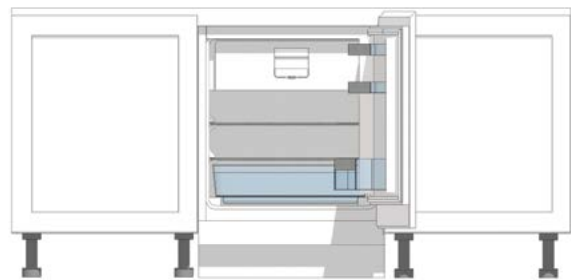


BASE UNITS

UNDERMOUNTED OVEN APPLICATION

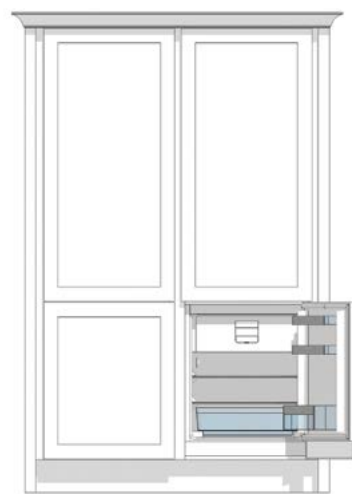
UNDER COUNTER APPLIANCES

If the appliance permits, wind the legs down to the lowest setting and use with a 685mm door beneath the Flush Top Rail Profile. Note: Shown below as an integrated fridge/freezer. The same principles apply for washing machines and tumble dryers.



APPLIANCE HOUSINGS

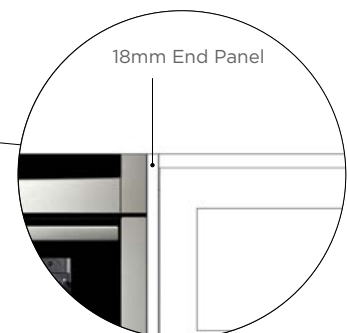
If the appliance does not permit, we recommend incorporating the appliance into a housing and using with the Vertical Rail Profiles and a 715mm door (with vertical handle), as shown below.



UNDER COUNTER OVENS

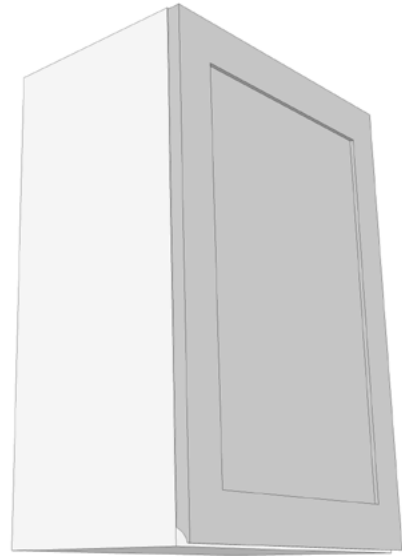
For under counter oven applications, we recommend stopping the Flush Top Rail Profile where they meet the oven. A panel should be used either side of the oven which will protect any cut edges of the rail.

Front elevation

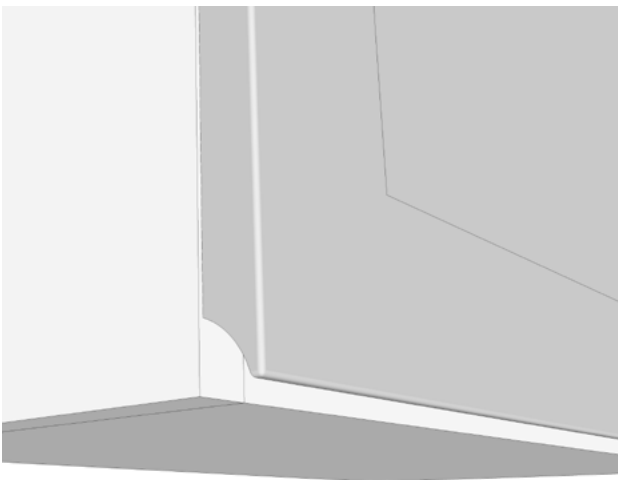


WALL CABINETS

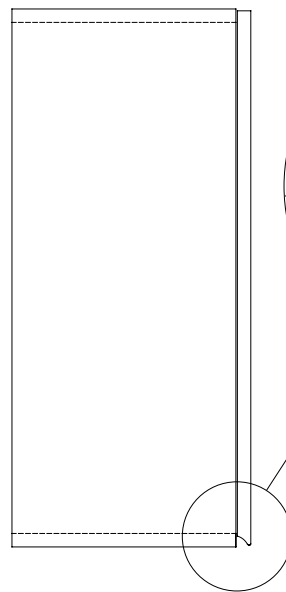
There is no specific rail profile for wall units. Unlike the Recessed Rail profiles, there is no requirement to modify the base panel of the cabinet when using the Flush Rail system and should be treated as a standard lay-on doors.



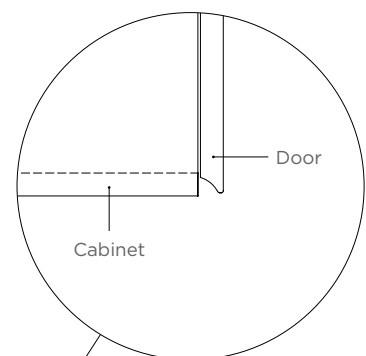
WALL UNIT DETAIL



Side elevation



Detail



VERTICAL PROFILES LATERAL

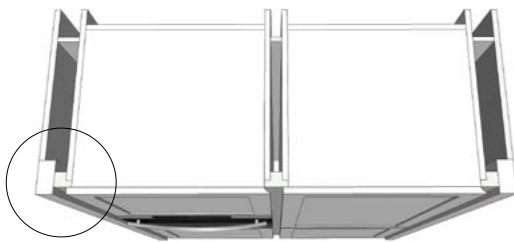
VPL3000

When planning larder units and appliance housings, the cabinet gables need to be set back by 20mm, allowing the Vertical Rail Profiles to sit flush to the front of the cabinet.

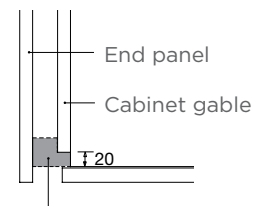
TOP TIP: IT IS NOT NECESSARY TO MODIFY THE TOP OR BOTTOM PANEL OF THE CABINET.



PLAN VIEW OF LARDER



VERTICAL LATERAL RAIL PROFILE

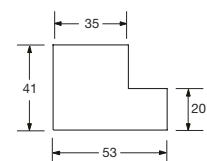
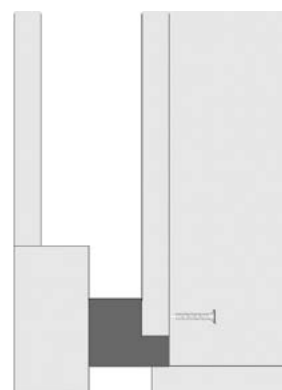
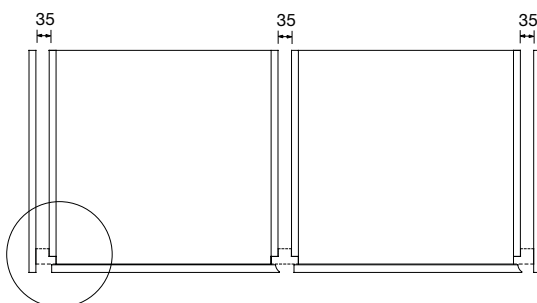


Vertical Trim Profile, Lateral

VERTICAL LATERAL TRIM PROFILE

Stepping the gable back by 20mm allows the flat rail profile to fit flush to the front of the cabinet.

*35mm spacing between cabinets



VERTICAL PROFILES INTERMEDIATE

VPI3000

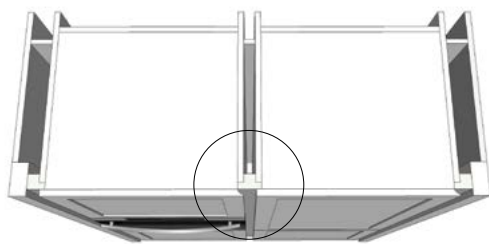
Both the Vertical Intermediate Rail Profile and Vertical Lateral Rail Profile should be installed using the same basic principles and tools.

Simply locate the profile into the position and screw through the cabinet gable and into the rail profile to secure in place.

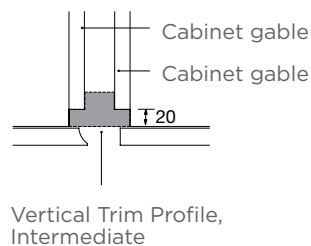
TOP TIP: FOR A HIGH QUALITY FINISH, WE RECOMMEND HIDING THE SCREWS BEHIND HINGE PLATES WHERE THE SCREWS WILL NOT BE VISIBLE.



PLAN VIEW OF LARDER

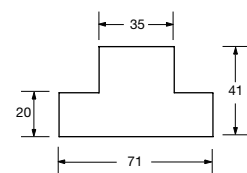
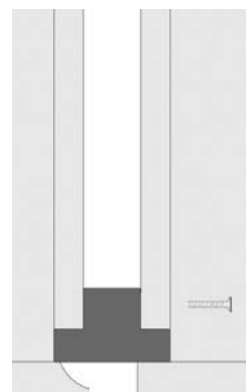
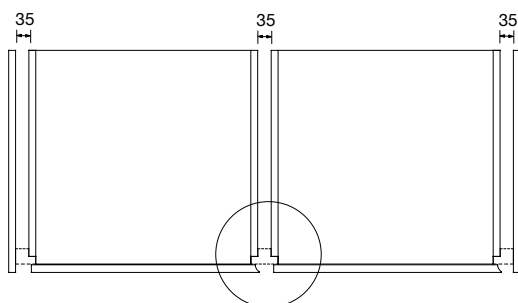


VERTICAL INTERMEDIATE RAIL PROFILE



VERTICAL INTERMEDIATE TRIM PROFILE

Stepping the gable back by 20mm allows the flat rail profile to fit flush to the front of the cabinet.

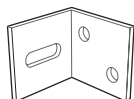


TOP AND MID PROFILE INSTALLATION

All trim profiles featured in Ellerton can be installed using traditional joinery methods and no specific fixing is required.

We recommend using the following L shaped corner brackets:

- A162B
- A150
- SP156
- SP161



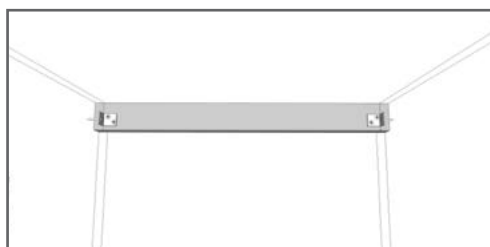
Bracket Shown - SP161



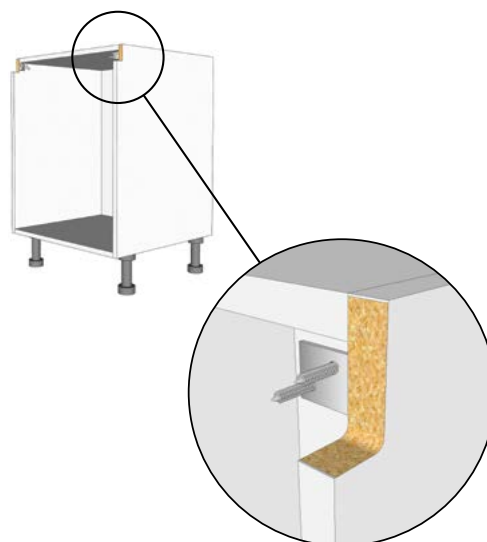
FLAT HORIZONTAL TRIM, TOP PROFILE FOR BASE UNITS

Position the 'L' shaped bracket at each side of the cabinet; flush with the front of the routed profile. Screw fix into the cabinet gable and then into the top profile.

Alternatively, fix the bracket onto the reverse of the rail first and then screw fix into the cabinet.



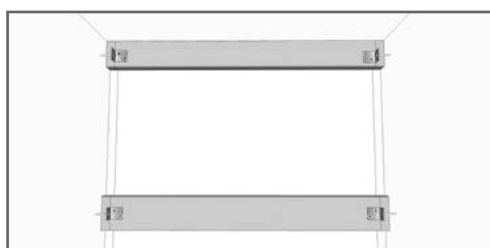
(View from inside the cabinet)



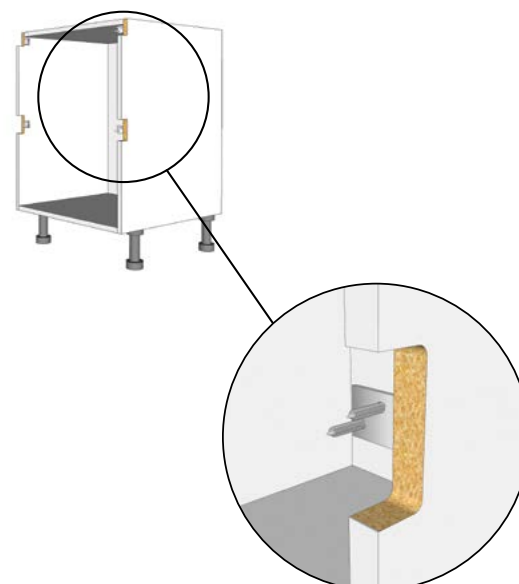
FLAT HORIZONTAL TRIM, MID PROFILE FOR BASE UNITS

Position the 'L' shaped brackets at each side of the cabinet; flush with the front of the routed profile. Repeat this for the Mid Rail. Screw fix into the cabinet gable and then into the top and mid profiles.

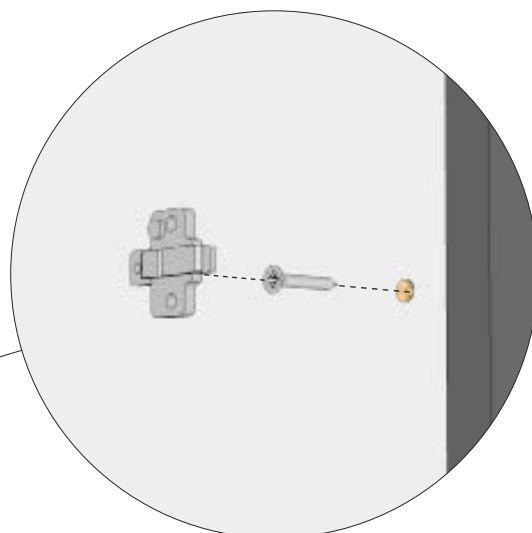
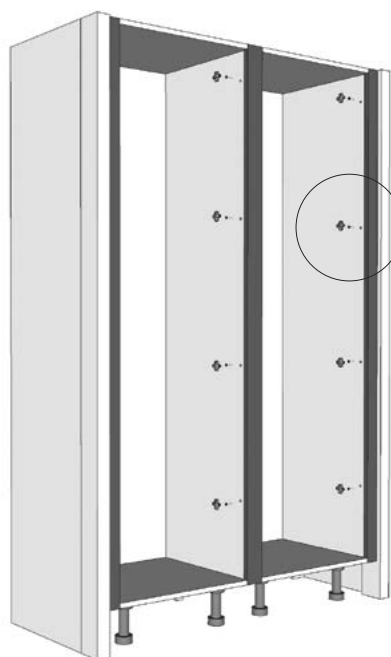
Alternatively, fix the brackets onto the reverse of the rails first and then screw fix into the cabinet.



(View from inside the cabinet)



VERTICAL PROFILE INSTALLATION

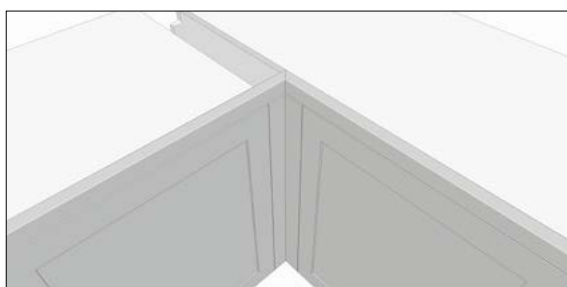


TOP TIP: LOCATE THE PROFILE ONTO THE FRONT FACE OF THE CABINET AND WHERE POSSIBLE, HIDE THE SCREWS BEHIND THE HINGE PLATE FOR A CONCEALED FIXING - PILOT DRILL AND COUNTERSINK FOR THE SCREW HEAD. FIX IN PLACE USING NO 5 X 35MM, CSK SCREWS.

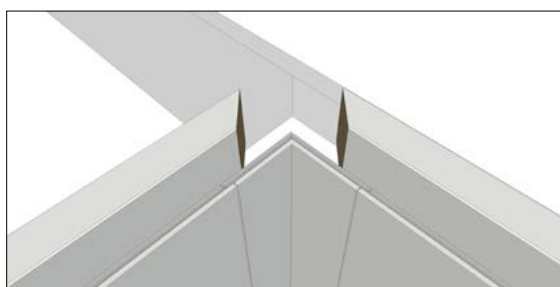
CORNER DETAILS

Internal and External corners should be mitred using Top and Mid Rail Profiles.

INTERNAL CORNERS

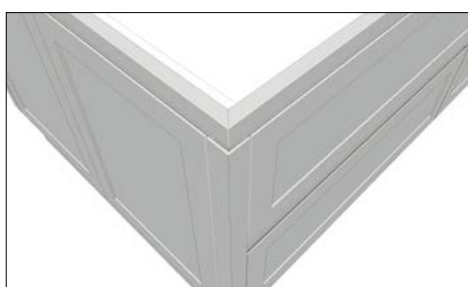


ASSEMBLED

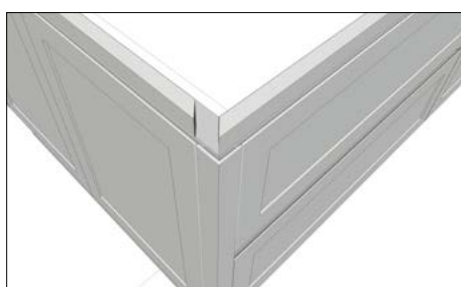


EXPLODED

EXTERNAL CORNERS



ASSEMBLED



EXPLODED

APPLICABLE DOOR RANGES

Flush rail profiles can be used with the following door ranges.

ELLERTON

STOCKED FINISHES

Prefix code for door range/colour shown in brackets.



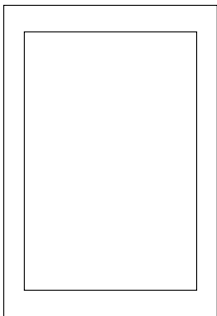
CHALK
(ELC)



STONE
(ELS)



PARTRIDGE GREY
(ELG)



PRIMED (Ready to finish)
(ELD)

FEATURED IN: **ALCHEMY**



PRODUCT INFORMATION

DOOR STYLE:	One piece handleless Shaker with reverse chamfer
DOOR THICKNESS:	18mm (shallow centre panel)
SPECIFICATION:	HDF with melamine reverse
FINISH	Smooth matt painted (primed door unfinished, ready to paint)

DOOR FINISH	BOARD MATCH
CHALK	Egger W980, Kronospan K101
PARTRIDGE GREY	We suggest a contrasting finish or walnut woodgrain effect board
STONE	We suggest a contrasting finish or walnut woodgrain effect board



**21 WORKING DAYS
LEADTIME**
(for orders placed before
12 noon Wednesday cut off)



TOMBA

AVAILABLE IN OUR PAINT-TO-ORDER PALETTE

FEATURED IN: **BioGraphy®**



GLOSS WHITE SHOWN

PRODUCT INFORMATION

DOOR STYLE:	Handleless slab with reverse chamfer edge profile
DOOR THICKNESS:	22mm
SPECIFICATION:	MDF, over-lacquered
FINISH:	Painted, gloss lacquer (Matt & Gloss available in Paint-to-order)

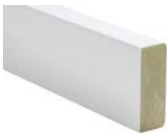


**21 WORKING DAYS
LEADTIME**
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12 noon Wednesday cut off)



FLUSH RAIL SYSTEM COLOUR OPTIONS

STOCKED FINISHES



Chalk



Partridge Grey



Stone



Rye

PAINT-TO-ORDER



Primed



CHALK



RYE



STONE



SILVER GREY (PTO)

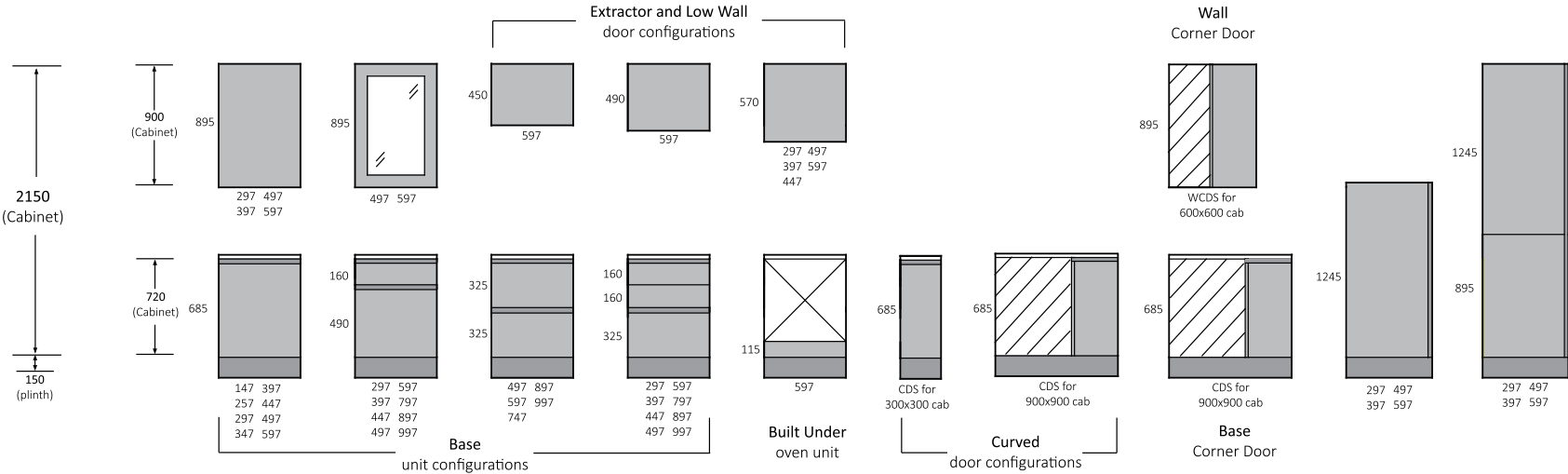


KITCHEN FASCIA MATRIX FOR HANDLELESS RAIL SIZES

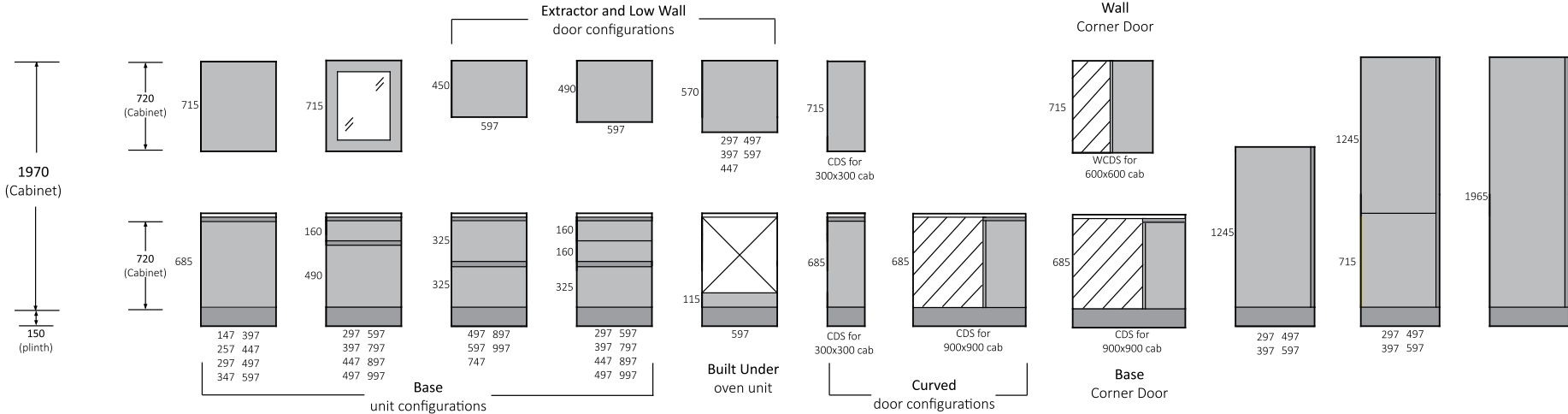
This matrix can be referred to when planning Porter, Porter PtO, Tomba and Ellerton.

Availability varies between ranges.

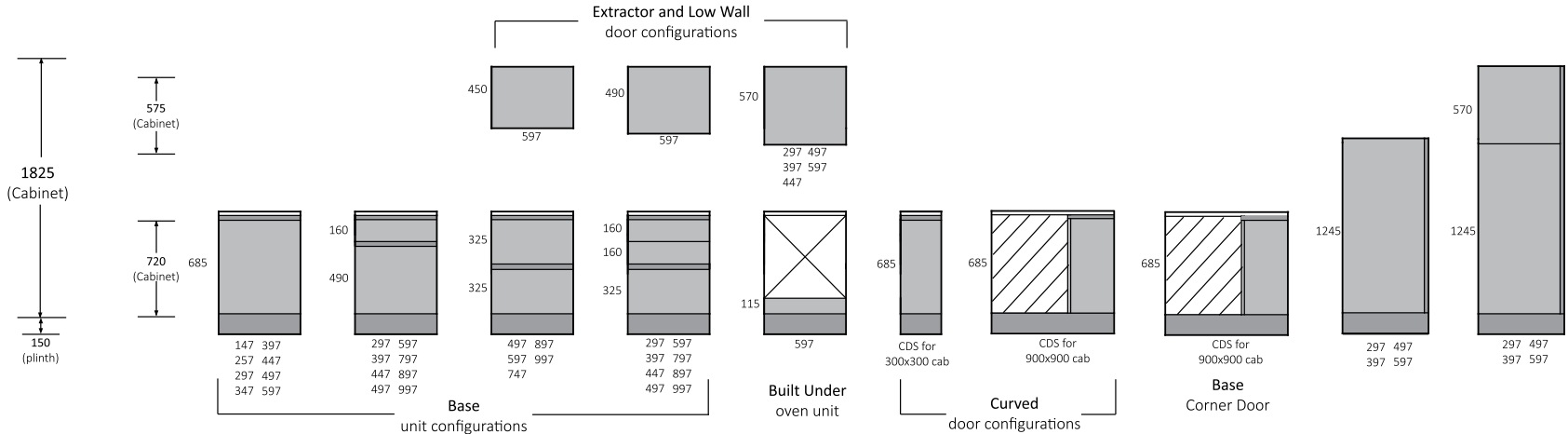
Tall Height Installation



Medium Height Installation

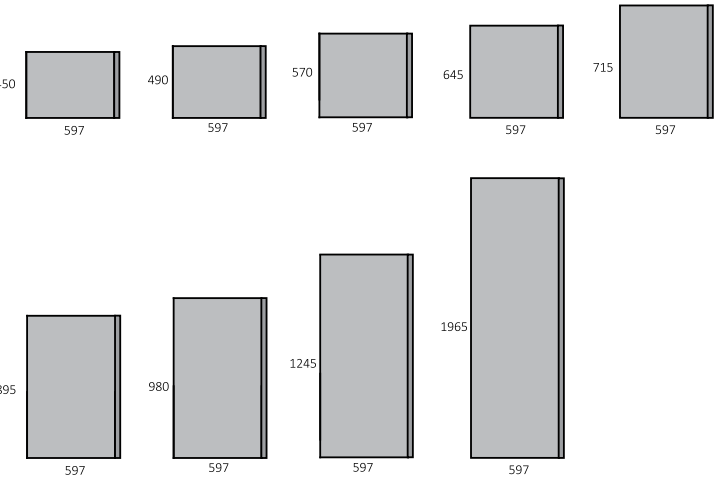


Low Height Installation



APPLIANCE HOUSING DOORS

Ellerton and Tomba door ranges include doors with vertical handle profiles for use in appliance and larger applications.



NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

CONTACT US

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