

TECHNICAL GUIDE

VERO HANDLELESS RAIL SYSTEM



Date of
print/release

July
2021

IMPORTANT PLEASE NOTE:

The information contained in this literature is for illustrative purposes only to assist in choosing your desired kitchen. While we endeavour to keep the information up to date and correct we do not make any representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability and suitability of the doors and products that appear in this literature.

We aim to showcase as many different items as possible and therefore some products have been installed and photographed purely to show as many of our product features as possible and they should not be taken as an example of how they are intended to be installed in real kitchen installations.

It is therefore the responsibility of the installer to check the corresponding manufacturer's installation information and the manufacturer's technical information to ensure this is up to date and to ensure that the products can be fitted in a way they are displayed and the products are suitable for your requirements.

We specifically exclude any liability in this regard unless the products are fitted in accordance with the specifications we supply and the manufacturer's installation recommendations are used in a way recommended by the manufacturer and in accordance with the manufacturer's technical information provided.

The information shown in this literature is accurate as at the date of print/release shown on such information but it may be subject to changes after such date. Please therefore ensure that you are viewing the most current product information available and check with us if you have any doubt about the suitability of the product or accuracy of the information shown.

We are proud that all our products that we sell are covered by a statutory warranty but this does not stop all our products naturally ageing overtime. As a result of this natural ageing process we are therefore unable to provide an identical colour finish to the existing products you have purchased from us with any products that we supply you from the same product line. In such event our liability will be limited to the purchase price paid for the product you are seeking to replace.

Due to the limitations on photographic reproduction, colours may differ slightly from the actual products shown. Please note that board matches listed with the doors are a suggestion only and better board matches may be available on the market. It is up to the individual to decide on its suitability.

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VERO HANDLELESS RAIL SYSTEM



Product Information

Description

Handleless rail system

Material

Aluminium

Finish

Silver/Rose Gold/Graphite

Lengths

Top/Mid Profiles: 4100mm

Vertical Profiles: 4200mm

Wall Profile: 3900mm

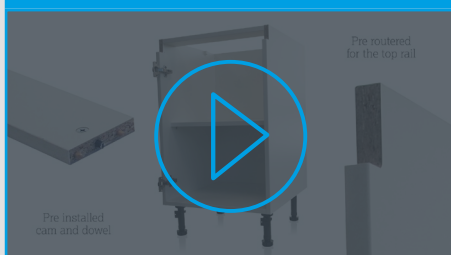


"We're proud to offer a true handleless system, creating the ultimate streamlined look for a minimalist designer kitchen."

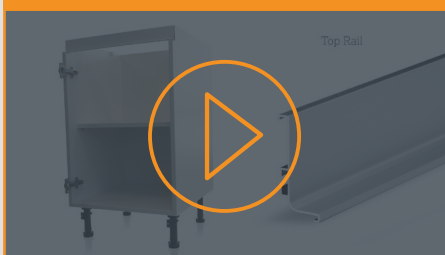
VERO INSTALLATION VIDEOS

Watch our Vero videos here: www.tkc.co.uk/vero-made-easy

1. VERO CABS



2. VERO RAILS



3. VERO DOORS



CODES & DESCRIPTIONS

TOP PROFILES - FOR BASE CABINETS

CODE	DESCRIPTION
XXXTOP4100	Top profile for doors, 4100mm(L) x 56.5mm(H) x 27.2mm(D), aluminium
XXXTOPENDCAP	End cap for top profile, aluminium - pair (1 LH, 1 RH)
XXXTOPINT90	Internal corner joint for top profile, 90 degrees, aluminium
XXXTOPEXT90	External corner joint for top profile, 90 degrees, aluminium
XXXTOPJOINT	Joint section for top profile, aluminium
100QFIX	Quick fix brackets for top and mid profiles, screw mounted - 1 pair (minimum order 25 pairs)

MID PROFILES - FOR DRAWERS

CODE	DESCRIPTION
XXXMID4100	Mid profile for drawers, 4100mm(L) x 73mm(H) x 26mm(D), aluminium
XXXMIDENDCAP	End cap for mid profile, aluminium - pair (1 LH, 1 RH)
XXXMIDINT90	Internal corner joint for mid profile, 90 degrees, aluminium
XXXMIDEXT90	External corner joint for mid profile, 90 degrees, aluminium
100QFIX	Quick fix brackets for top and mid profiles, screw mounted - 1 pair (minimum order 25 pairs)

VERTICAL PROFILES - FOR TALL CABINETS

CODE	DESCRIPTION
XXXVERTMID4200	Vertical profile intermediate, 4200mm(L) x 71.6(H) x 41mm(D), aluminium
XXXVERTEND4200	Vertical profile lateral, 4200mm(L) x 53.3mm(H) x 41mm(D), aluminium
XXXVERTSPACER	Spacer for appliance, 580mm(L) x 19.6mm(H) x 20.8mm(D), aluminium

WALL CABINET PROFILES

CODE	DESCRIPTION
XXXWALL3900	Wall cabinet profile, 3900mm(L) x 19.6mm(H) x 20mm(D), aluminium



PRODUCT RANGE OVERVIEW

Top Profile & Accessories:



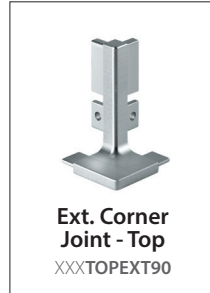
Used for base units
(4100mm length)



Used to finish
off top profiles



Connects top
profiles at internal
corners



Connects top
profiles at
external corners



Connects
lengths of top
profiles



Used to attach
profile to cabinet
(screw mounted)

Mid Profile & Accessories:



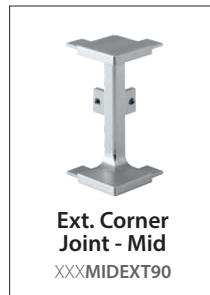
Used for drawers
(4100mm length)



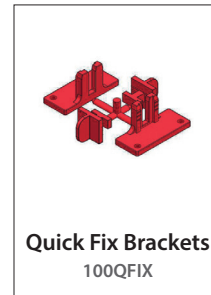
Used to finish
off mid profiles



Connects mid
profiles at internal
corners

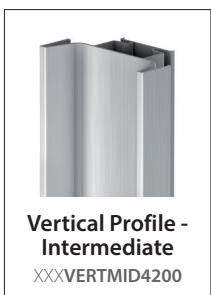


Connects mid
profiles at
external corners



Used to attach
profile to cabinet
(screw mounted)

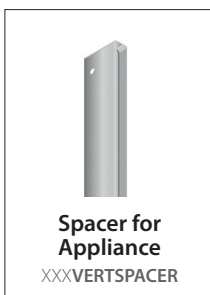
Vertical Profiles & Accessories:



Used between two
larger units
(4200mm length)



Used with one
larger unit
(4200mm length)



Conceals gap
behind appliances
(580mm length)

Wall Profile:



Used for wall units
(3900mm length)

Prefix codes:

● Silver: 100 | ● Rose Gold: 101 | ● Graphite: 102

DOOR RANGES

The Vero handleless rail system is available with the following 6 door ranges:

Vivo Gloss x 6 high gloss colours (stock door)

Description

Slab door

Finish

High gloss

Base Material

18mm MF MDF

Covering Material

Painted



Anthracite



Cashmere



Dust Grey



Ivory



Light Grey



White

Vivo Matt x 6 matt colours (stock door)

Description

Slab door

Finish

Matt

Base Material

18mm MF MDF

Covering Material

Painted



Anthracite



Cashmere



Dust Grey



NEW

Indigo



Light Grey



White

Stratto x 4 matt colours (stock door)

Description

5 piece slim frame shaker door

Finish

Matt

Base Material

18mm MDF

Covering Material

Foil wrapped



NEW

Dust Grey



NEW

Indigo



NEW

Light Grey



NEW

White

Lastra x 8 super matt colours (made to measure)

Description

Made to measure slab door

Finish

Super matt

Base Material

20mm chipboard core with MDF face & reverse.

Covering Material

Vinyl wrapped, polypropylene edged



Cashmere



Dust Grey



Fjord



Graphite



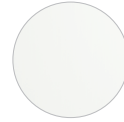
Light Grey



Mussel



Stone Grey



White

Glacier x 12 high gloss colours (made to measure)

Description

Made to measure slab door

Finish

High gloss

Base Material

20mm MDF

Covering Material

Acrylic



Black



Cashmere



Dust Grey



Graphite



Jasmine



Light Grey



Metallic Blue



Metallic Champagne



Sand Beige



Vanilla



White



Metallic Anthracite

Coniston 'Premier' x 29 coloured vinyls (made to measure)

Description

Made to measure slab door

Finish

Various finishes & textures

Base Material

18mm MDF

Covering Material

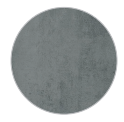
Vinyl wrapped



Cashmere Oak



Dakar Oak



Dark Concrete



Dust Grey Oak



Graphite Oak



Grey Bardolino



Ivory Oak



Light Concrete



Light Grey Oak



Light Hickory



Lissa Oak



Matt Cashmere



Matt Dakar



Matt Dust Grey



Matt Light Grey



Matt Mussel



Matt Onyx



Matt Pebble



Matt Stone Grey



Matt White Grey



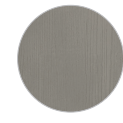
Mussel Oak



Pale Cream



Satin Coastland



Stone Grey Oak



Swiss Pear



Vanilla Text*



White Coastland



White Oak



White Text

Top Profile

Code

XXXTOP4100

Finish / Material

Aluminium

Dimensions

4100 x 56.5 x 27.2mm

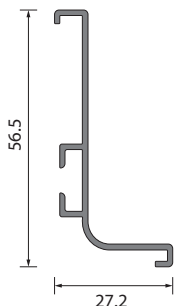
Accessories available

Quick Fix Brackets (100QFIX)
 End Cap - Top (XXXTOPENDCAP)
 Internal Corner Joint - Top (XXXTOPINT90)
 External Corner Joint - Top (XXXTOPEXT90)
 Joint Section (XXXTOPJOINT)

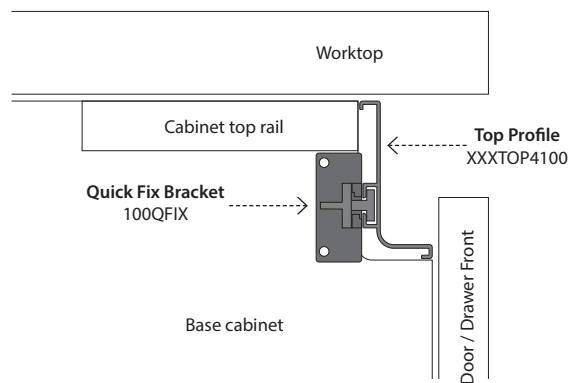


- Used for base unit doors and top drawers.
- Can be cut to size using a circular chop saw.
- Secured to cabinets with Quick Fix Brackets.
- Profiles can be finished off with End Caps before fitting.
- Top profiles can be linked at internal and external corners using Corner Joints.
- Straight lengths of top profiles can be linked together using the Joint Section.
- Base cabinets need to be routed, unless using TKC's pre-routed Vero Quickcab.

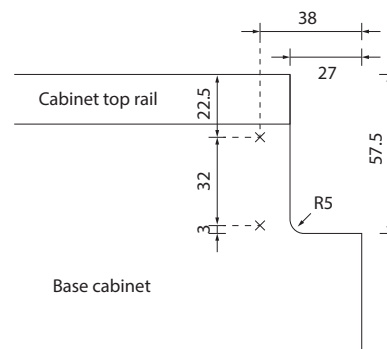
DIMENSIONS



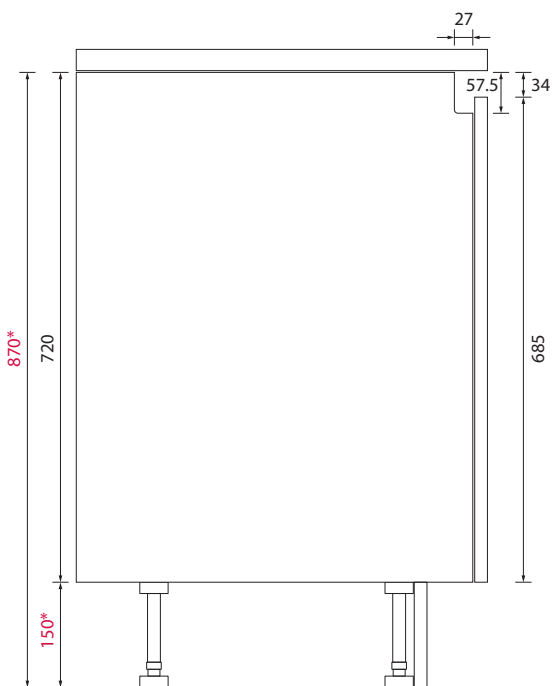
FITTED DETAIL



BASE CABINET ROUTING



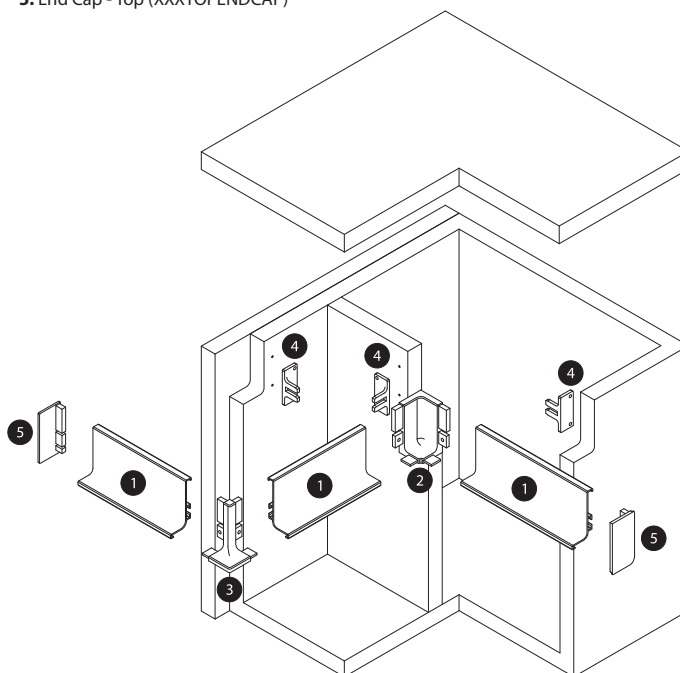
BASE CABINET DIMENSIONS



* nb. If installing integrated under counter appliances please increase leg height to allow for easy installation of appliance. See p. 10 for more information.

BASE UNIT COMPONENTS

1. Top Profile (XXXTOP4100)
2. Internal Corner Joint - Top (XXXTOPINT90)
3. External Corner Joint - Top (XXXTOPEXT90)
4. Quick Fix Bracket (100QFIX)
5. End Cap - Top (XXXTOPENDCAP)



Mid Profile

Code

XXXMID4100

Finish / Material

Aluminium

Dimensions

4100 x 73 x 26mm

Accessories available

Quick Fix Brackets (100QFIX)

End Cap - Mid (XXXMIDENDCAP)

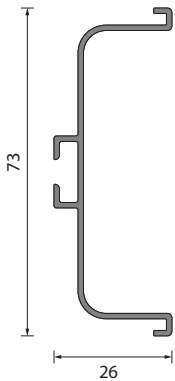
Internal Corner Joint - Mid (XXXMIDINT90)

External Corner Joint - Mid (XXXMIDEXT90)

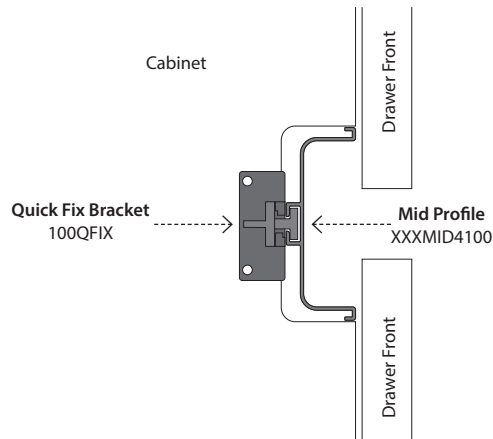


- Used for mid and bottom drawers.
- Can be cut to size using a circular chop saw.
- Secured to cabinets with Quick Fix Brackets.
- Profiles can be finished off with End Caps before fitting.
- Mid profiles can be linked at internal and external corners using Corner Joints.
- Base cabinets need to be routed, unless using TKC's pre-routed Vero Quickcab.

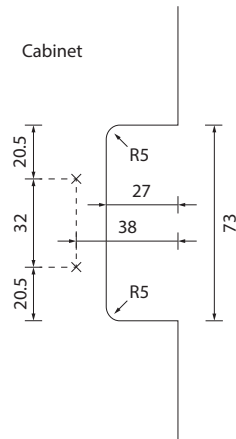
DIMENSIONS



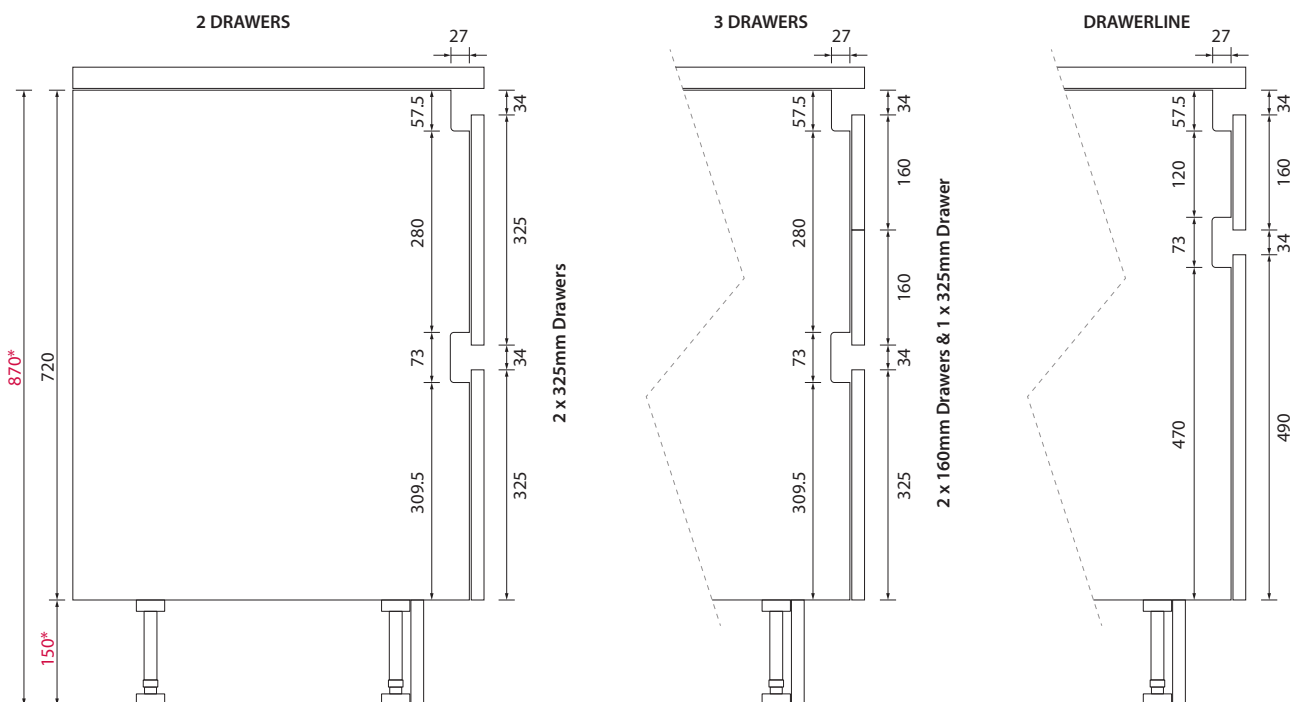
FITTED DETAIL



BASE CABINET ROUTING



BASE CABINET DIMENSIONS



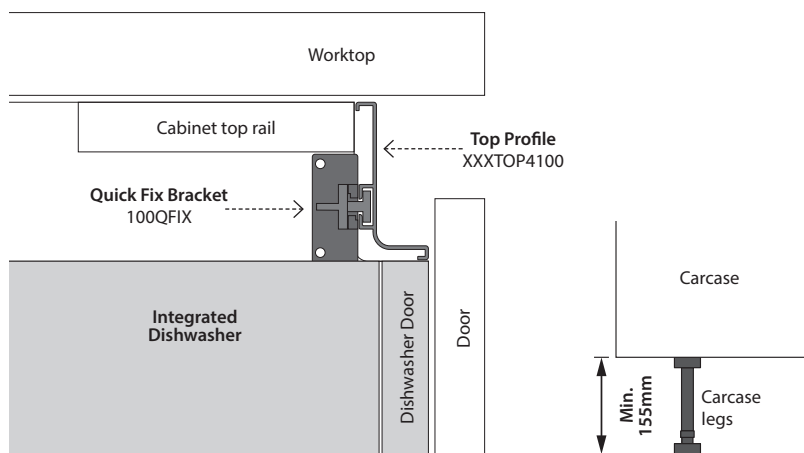
(Please note, we do not supply a pre-routed carcass for this combination.)

* nb. If installing integrated under counter appliances please increase leg height to allow for easy installation of appliance. See p. 10 for more information.

Installing under counter appliances

Integrated dishwasher

- The Top Profile (XXXTOP4100) can be used to run above an integrated appliance.
- It is recommended to **set integrated dishwasher height at 815mm** and adjust carcass legs to a min. height of 155mm. Please note, these dimensions are based on standard height dishwasher. Cabinet legs may need to be raised further if appliance height is different.
- 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 drawers are situated next to an integrated appliance, we recommend using end caps to cover any gaps.



IMPORTANT INFORMATION

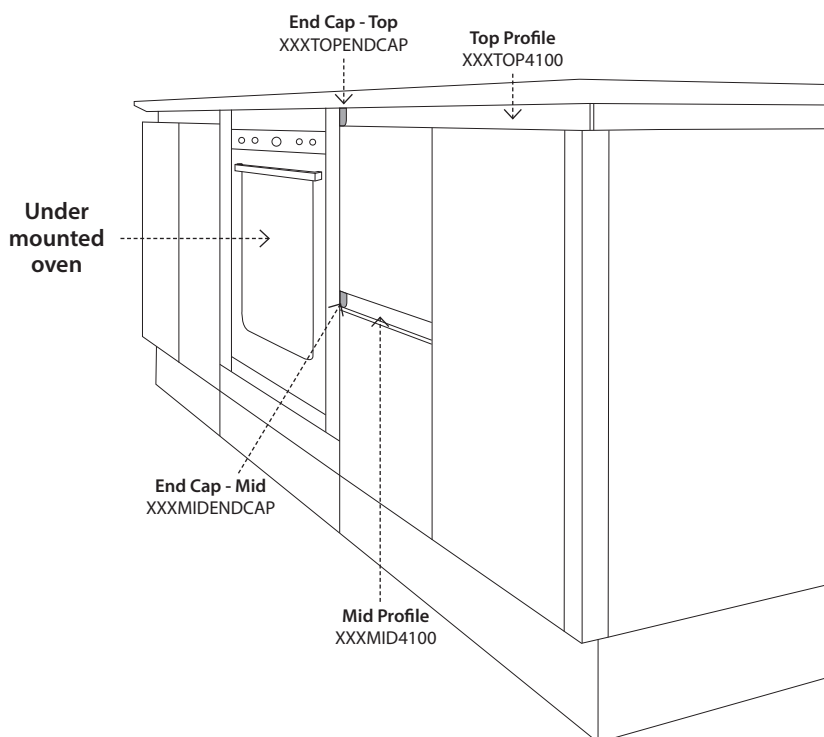
We recommend extending the cabinet legs to a minimum height of 155mm to ensure the integrated dishwasher will fit easily.

Always check the minimum height of your under counter appliances before installing your Vero kitchen to ensure there is enough clearance under the top rail.

Integrated dishwasher with Vero handleless rail system

Under mounted oven

- The Top Profile (XXXTOP4100) can't be used in conjunction with an under mounted oven. Profiles must stop on each side of the appliance and can be finished with End Caps.
- If using a freestanding cooker, end panels will need to be fitted on either side of the appliance and the profile needs to be finished against the panel.



Vertical Profile - Intermediate

Code
XXXVERTMID4200

Finish / Material
Aluminium

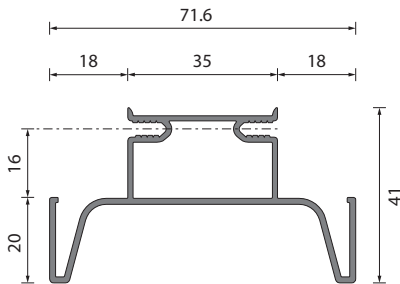
Dimensions
4200 x 71.6 x 41mm

Accessories available
XXXVERTSPACER

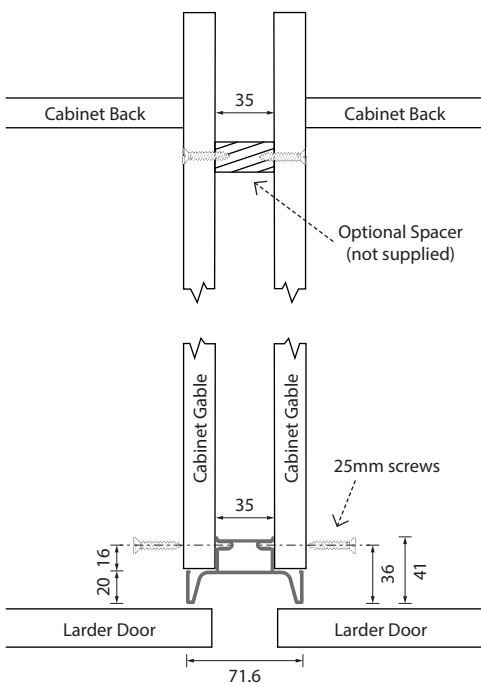


- Used on tall units when two opening doors meet.
- Secured to cabinet gables with 25mm cabinet screws.
- Can be cut to size using a circular chop saw.
- A 35mm spacer (not supplied) is required at the back between the two cabinets to maintain the void created by the profile trim.
- The front of the cabinet gables need to be set back by 20mm for the trim to overlap behind the doors (unless using TKC's Vero Quickcab).

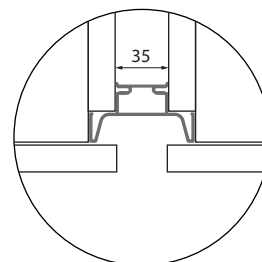
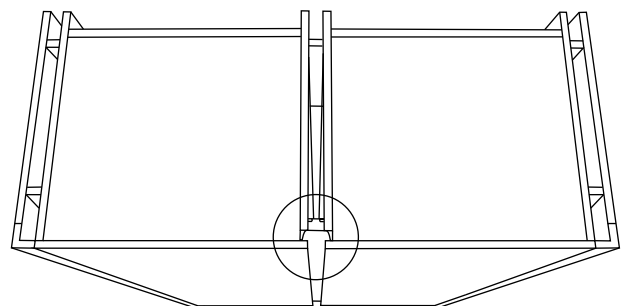
DIMENSIONS



FITTED DETAIL



APPLICATION BETWEEN TWO DOORS



Don't forget to add 35mm spacing in between larder units.

Vertical Profile - Lateral

Code
XXXVERTEND4200

Finish / Material
Aluminium

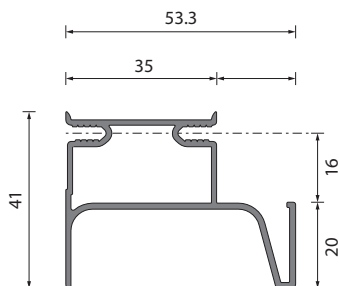
Dimensions
4200 x 53.3 x 41mm

Accessories available
XXXVERTSPACER

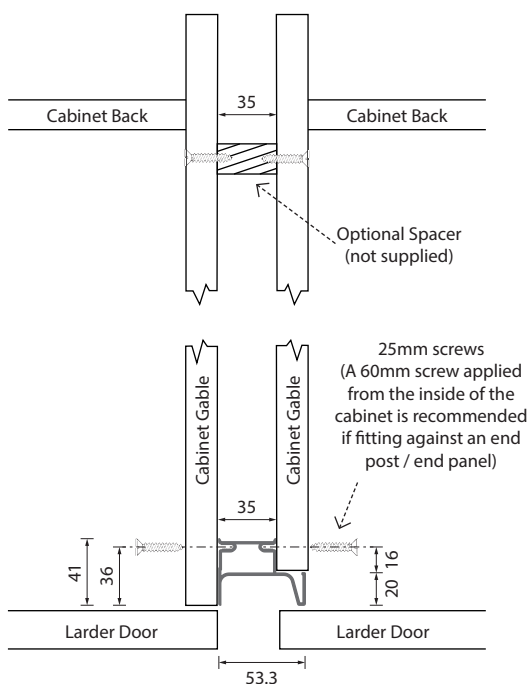


- Used on tall units when you have an opening door on one side only, can also be used to end a run where an end post or end panel is fitted.
- Secured to cabinet gable with 25mm cabinet screws.
- Can be cut to size using a circular chop saw.
- A 35mm spacer (not supplied) is required at the back between two cabinets, or between a cabinet and end panel.
- The front of the cabinet gable needs to be set back by 20mm for the trim to overlap behind the door (unless using TKC's Vero Quickcab).
- To fix an end post or end panel to the profile you need to drill through the screw support channel and attach the end post from the inside of the cabinet with a 60mm screw.

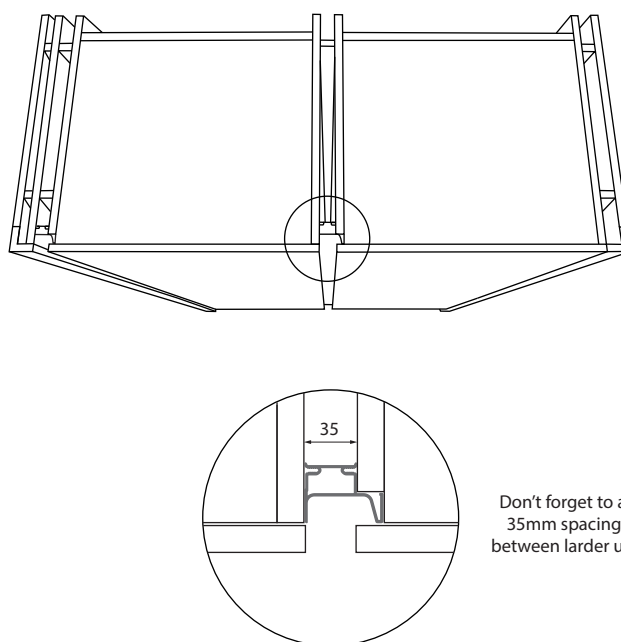
DIMENSIONS



FITTED DETAIL



APPLICATION BETWEEN TWO DOORS



Spacer for Appliance

Code
XXXVERTSPACER

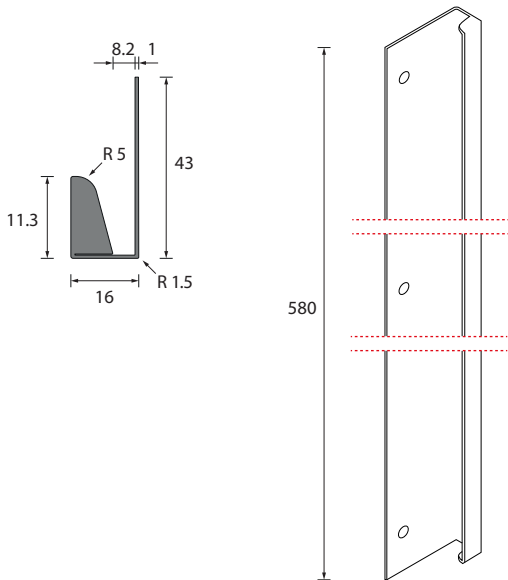
Finish / Material
Aluminium

Dimensions
580 x 19.6 x 20.8mm

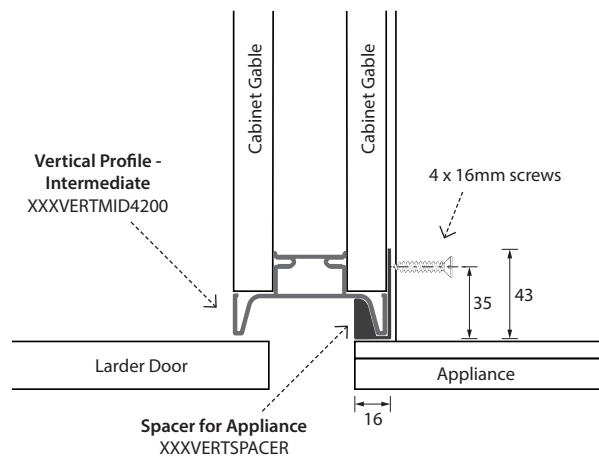


- Used to conceal the space behind the front of an appliance when used in an appliance housing unit combined with vertical Vero profiles.
- Fixed into the cabinet gable with 3 screws (4 x 16mm).
- Works with both intermediate and lateral vertical profiles.
- The trim can be cut down to suit different sized appliances. If doing so, we recommend that a metal file is used to remove any sharp edges on the cut edge and that it is positioned out of sight.
- If the appliance requires a screw fixing into the cabinet, the spacer can be drilled into to accommodate the screws.
- **Nb.** When stacking appliances, we recommend leaving a 10mm gap to the top and bottom of both appliances.

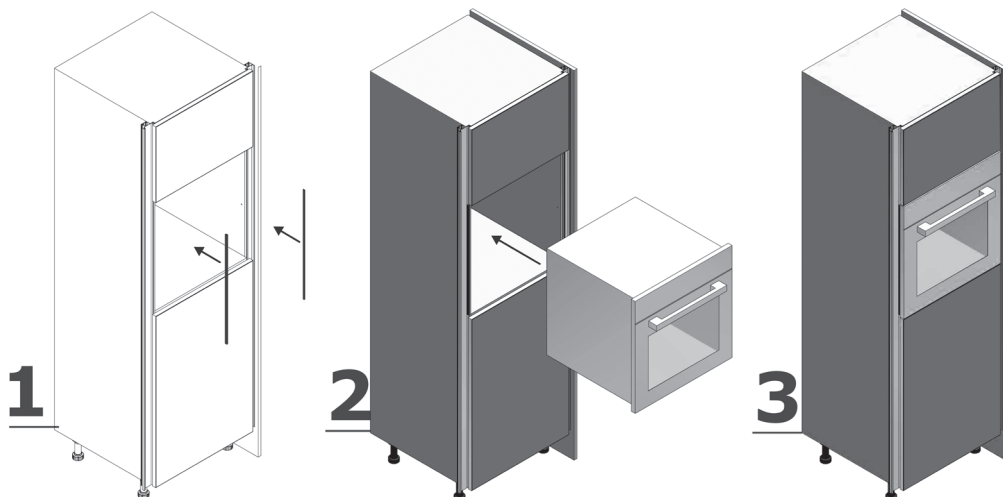
DIMENSIONS



FITTED DETAIL



APPLIANCE INSTALLATION



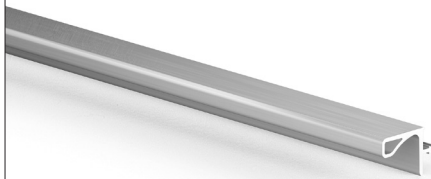
Wall Cabinet Profile

Code
XXXWALL3900

Finish / Material
Aluminium

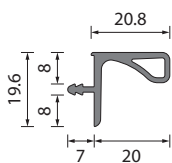
Dimensions
3900 x 19.6 x 20mm

Accessories available
N/A

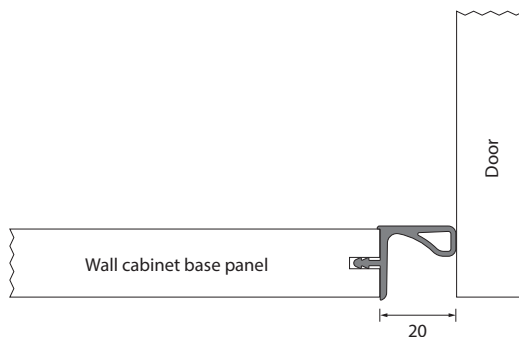


- Concealed rail used on wall units.
- Can be cut to size using a circular chop saw.
- The base panel on the wall cabinet must be set back with 20mm to accommodate the rail profile within the cabinet (unless using TKC's Vero Quickcab).
- The base panel must also have a 8mm deep, 3mm high routed groove for the profile to slot into (pre-routed on TKC's Vero Quickcab).
- Clear silicone adhesive should be used to bind the rail with the panel.

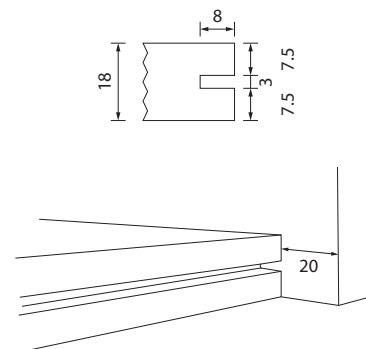
DIMENSIONS



FITTED DETAIL



CABINET ROUTING



Vero handleless rail system
with Vivo Gloss doors in Stone

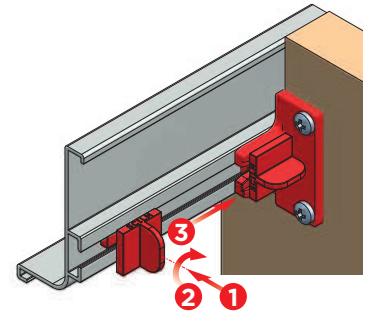
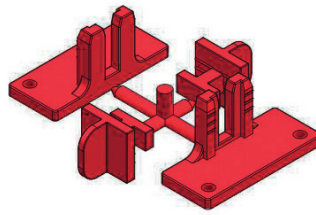
Quick Fix Brackets

Code
100QFIX

Finish / Material
Plastic

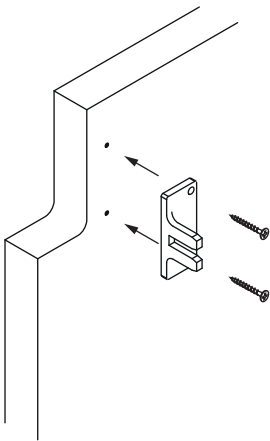
Dimensions
N/A

Accessories available
N/A

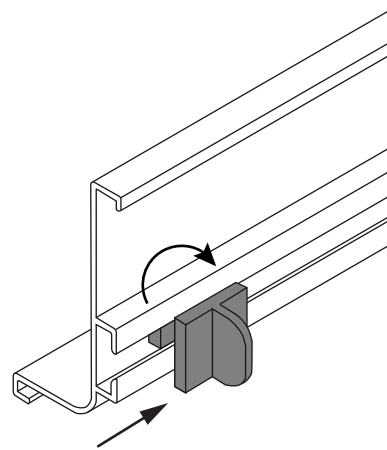


- Screw mounted brackets for top and mid profiles.
- Comes in pairs (min. order 25 pairs).

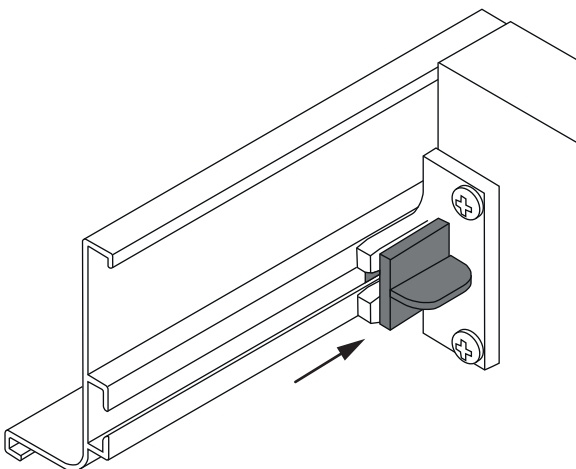
FITTING TOP AND MID PROFILES



Step 1.
Attach quick fix brackets (100QFIX) to routed cabinet gables using screws.



Step 2.
Slide the connectors into the back of the profile and turn 90 degrees.



Step 3.
Apply profile to routed cabinet and push connectors into brackets to secure the profile to the cabinet.

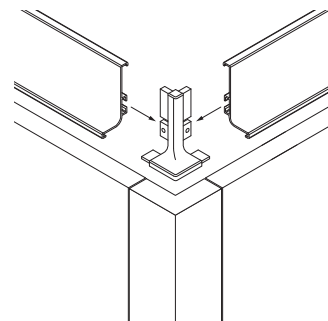
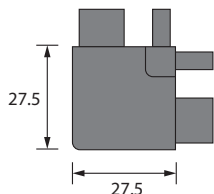
See video of how to attach the rails here: www.tkc.co.uk/vero-made-easy

External Corner Joint - Top

Code
XXXTOPEXT90

Finish / Material
Aluminium

- Used to connect two top profiles running around an external corner or an island unit, to be used together with an external corner post.
- Secured to the top profile using two screws (supplied).
- **Nb.** A cut out needs to be made on the routed gable end to accommodate the screw heads behind the external corner joint (see Diagram 1 below).



External Corner Joint - Mid

Code
XXXMIDEXT90

Finish / Material
Aluminium

- Used to connect two mid profiles running around an external corner or an island unit, to be used together with external corner posts.
- Secured to the mid profile using two screws (supplied).
- **Nb.** A cut out needs to be made on the routed gable end to accommodate the screw heads behind the external corner joint (see Diagram 1 below).

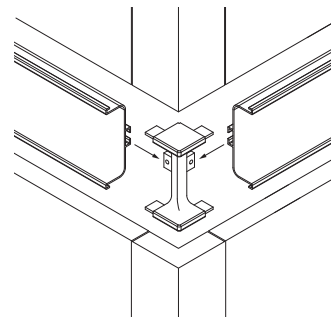
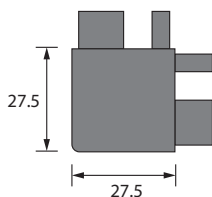
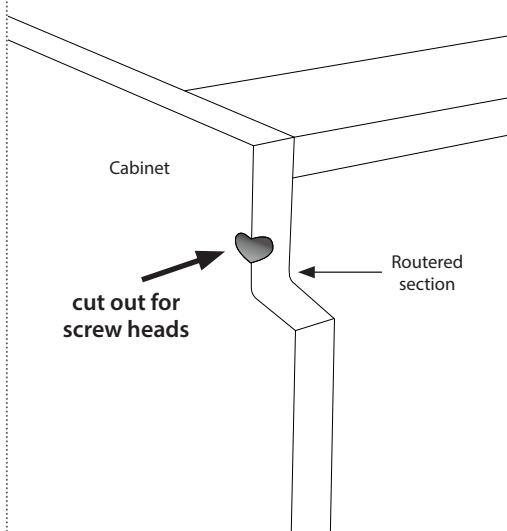
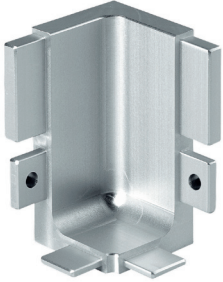
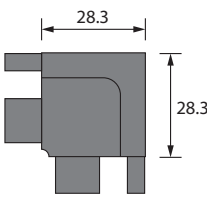
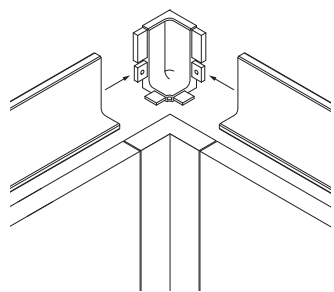

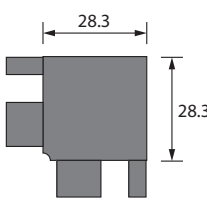
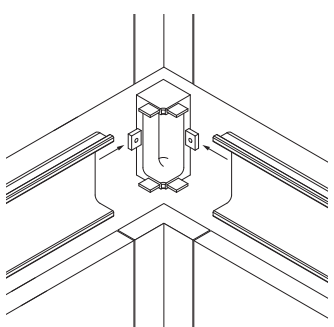



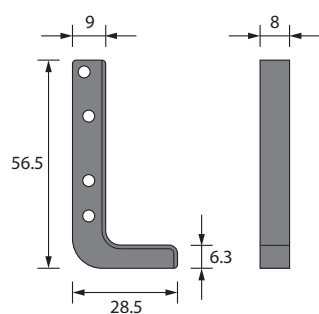
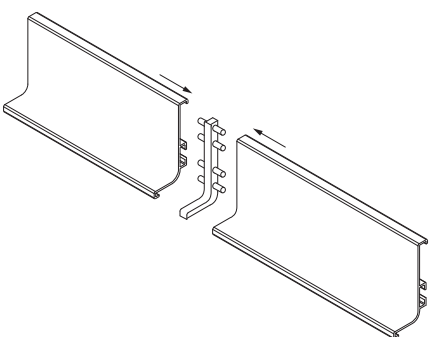
DIAGRAM 1



Before applying the corner joints to the cabinets, a hole needs to be notched out of the routed gable end to accommodate the two screw heads at the back of the corner joints.

Internal Corner Joint - Top	
<p>Code XXXTOPINT90</p> <p>Finish / Material Aluminium</p>	<ul style="list-style-type: none"> Used to connect two top profiles at an internal corner, to be used together with an internal corner post. Secured to the top profile using two screws (supplied).
  	

Internal Corner Joint - Mid	
<p>Code XXXMIDINT90</p> <p>Finish / Material Aluminium</p>	<ul style="list-style-type: none"> Used to connect two mid profiles at an internal corner, to be used together with internal corner posts. Secured to the mid profile using two screws (supplied).
  	

Top Joint	
<p>Code XXXTOPJOINT</p> <p>Finish / Material Aluminium</p>	<ul style="list-style-type: none"> Used to join together lengths of top profiles. Held in place with 4 grub screws (supplied). Grub screw secured with Allen key. When using top joints an 8mm spacing must be taken into account when cutting down the profiles that are being joined together.
  	

End Caps - Top			
<p>Code XXXTOPENDCAP</p> <p>Finish / Material Aluminium</p>	<ul style="list-style-type: none"> Used at the end of a top profile for example against a wall, end panel or next to appliances such as under mounted oven. 	<ul style="list-style-type: none"> Secured to the top profile using a grub screw (supplied). Grub screw secured with Allen key. 	<ul style="list-style-type: none"> When using end caps, a 2mm spacing must be taken into account when cutting down the trim.

End Caps - Mid			
<p>Code XXXMIDENDCAP</p> <p>Finish / Material Aluminium</p>	<ul style="list-style-type: none"> Used at the end of a mid profile for example against a wall, end panel or next to appliances such as an under mounted oven. 	<ul style="list-style-type: none"> Secured to the mid profile using a grub screw (supplied). Grub screw secured with Allen key. 	<ul style="list-style-type: none"> When using end caps, a 2mm spacing must be taken into account when cutting down the trim.

