

ultraframe

Transforming light and space



LOGGIA[®]

engineered by ultraframe

Super Insulated Columns
System Overview and Design Guide

NOV 2014 | V5



Loggia is the best of all worlds, combining elements of light and sky with the solidity of internal plastered walls and ceilings. Loggia is a whole new category of home extension – and as you would expect from Ultraframe it couldn't be easier

A Loggia consists of exciting and innovative elements - super insulated columns and an internal perimeter ceiling.

For little more than the cost of a standard conservatory and with no Local Authority 'red tape' in the majority of cases*, you can deliver additional light and space to local homeowners.

With Loggia columns, it's up to you whether you choose full height glazed walls or 'dwarf walls' and their incorporation – at 90 degree corners, against the house wall and even in the middle of the side/front – can add a whole new look to the home extension. The Loggia columns are engineered in factory conditions and are 5 times more thermally efficient than an equivalent sized brick column – their use allows speedy site installation, saving a number of days of the on-site build time when compared to brickwork piers / columns.

For assistance with Loggia design / specification please contact the Technical Support Team on 0843 208 6953 or email techsupport@ultraframe.co.uk



Technical Guide to LivingRoom Perimeter Ceiling.
Please also read the stand alone guide for the perimeter ceiling.

CONTENTS

Overview	3
Design principles	4 - 5
Column design options	6 - 9
90° corner column	6
In-line column	7
Abutment column	8
Column finishing details	9
Eaves interface	10 - 11
Standard eaves beam	10
Super duty eaves beam	11
Rainwater disposal options	12 - 13
Posts and support brackets/structural products	14 - 20
Posts/Brackets	14 - 15
Structural columns - full height on masonry	16
Structural columns - full height on cill	17
Straps and brick ties	18 - 20
Column plinth positioning / finishing	21
Window and door information	22, 24 - 25
LivingRoom perimeter ceiling	23, 26 - 27
Cill options	28 - 29
Cornice detailing options	30 - 31
Wiring / cabling and Loggia electric radiant panel heater	32 - 33
Plasterboarding / internal finishing	34 - 35
Goal post design - General arrangements	36
Paint finish and colour options	37
Ordering procedure and order form	38 - 39

Loggia columns, LivingRoom perimeter ceiling and Cornice are all charged separately. Many of the Loggia options displayed in this brochure attract additional charges. Please ensure that any options chosen are made clear to the consumer by the trade partner at point of sale.

* Retailers/Dealers need to discuss Building Regulations and Planning permission with potential customers.

OVERVIEW

This technical guide illustrates the Loggia product with 70mm window frames and 300mm wide brickwork walls. **If you are specifying any other sizes please refer to pages 26-27 and 34**

Product definition

There are a number of elements to a Loggia;

1. Super insulated columns clad with powder coated coloured aluminium cladding panels to externally create a radical new look whilst internally improving usability and comfort levels.
2. An internal perimeter ceiling which consists of an engineered ladderwork system to which plasterboard is fixed. It is feasible to use columns only with no perimeter ceiling - a special 'cap' is fitted to the top of the column, this is not supplied, see page 35.
3. Cornice decorative fascia, that hides the end of the glazing bars and gutter, creating a totally different look externally and which themes perfectly with the aluminium column claddings.



U-Design

U-Design is a piece of design and configuration software exclusive to Ultraframe. As well as visualising and pricing the Loggia, upon entry of the customers postcode it checks the wind and snow loads at the exact location and immediately upgrades the roof and column specification should it be needed. This guide is an overview of the design parameters of Loggia - U-Design interactively looks at loadings to correctly calculate structural specifications.

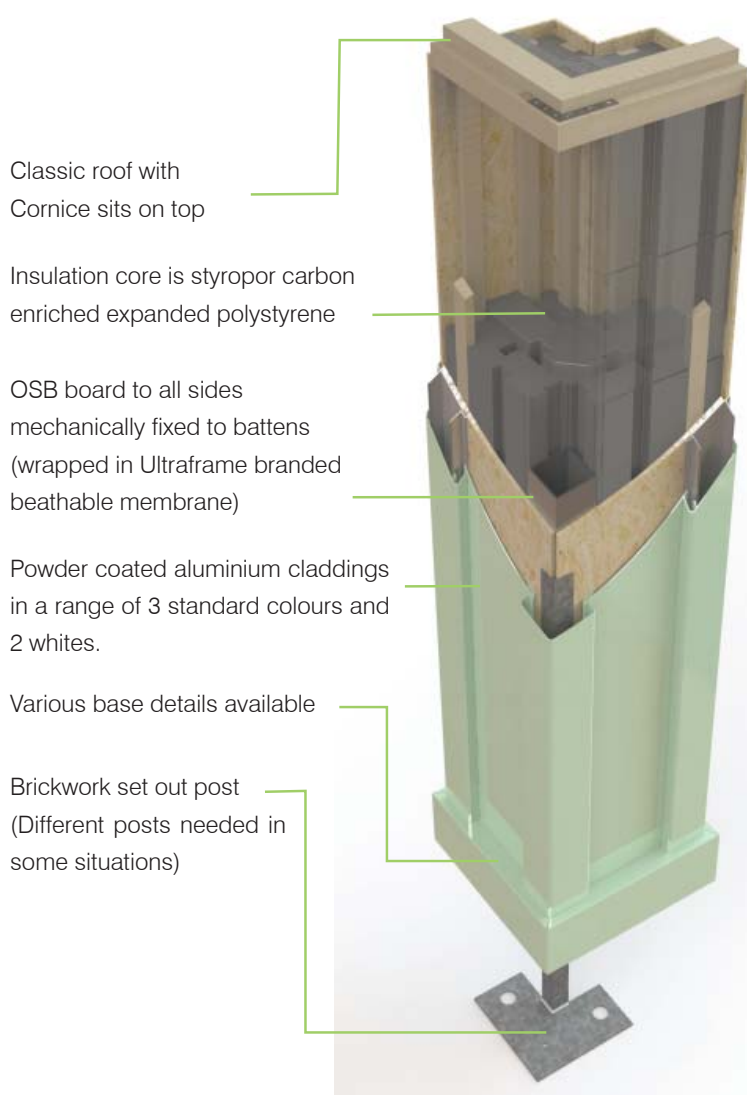
Loggia perimeter ceiling with Cornice



Key performance criteria

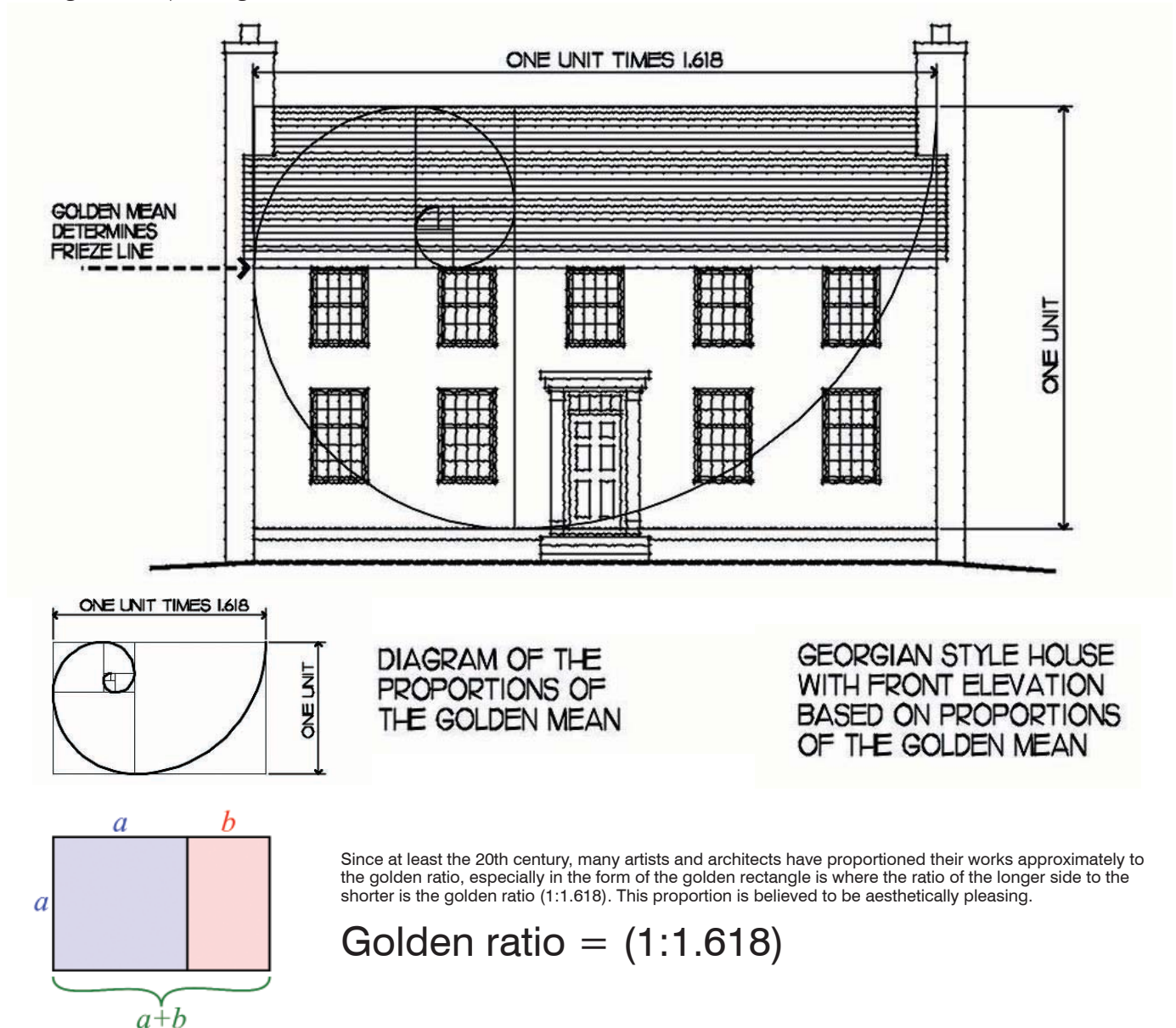
- Choose from columns for full height situations or dwarf wall
- At the top of the columns, use either Cornice or a cill detail
- Choose from two suites of columns in large or small formats
- Suite comprises of 90 degree, in-line connectors & abutments
- U value for the post of 0.15, which is five times more thermally efficient than an equivalent sized brick column.
- Optimised to work with Building Regulation compliant 300mm cavity dwarf wall construction. For cavity walls less than 300mm, studding out is required - see page 34.

Loggia super insulated columns



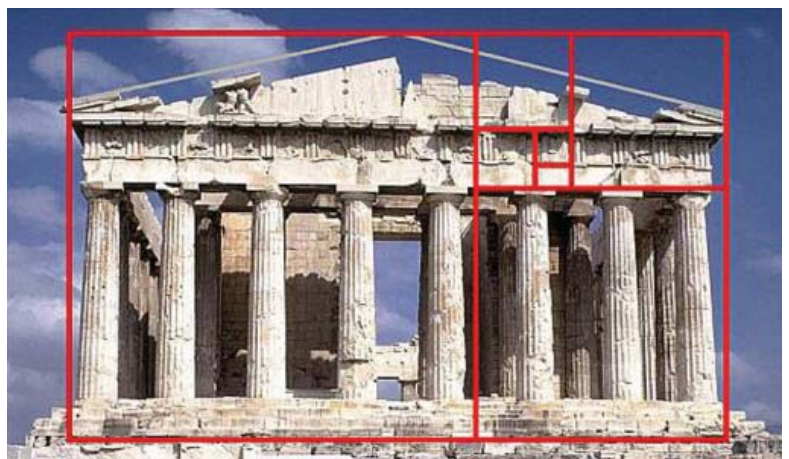
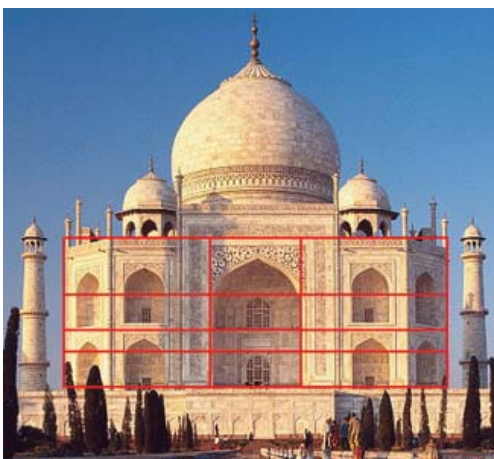
DESIGN PRINCIPLES

Loggia is a new type of home extension and guidance is needed to ensure aesthetically pleasing buildings are designed. A guiding principle is the 'golden ratio' which has underpinned effective design for centuries. To assist you in the task of effective Loggia design, we are currently working on a 'Design Principles' guidebook.



Since at least the 20th century, many artists and architects have proportioned their works approximately to the golden ratio, especially in the form of the golden rectangle is where the ratio of the longer side to the shorter is the golden ratio (1:1.618). This proportion is believed to be aesthetically pleasing.

Golden ratio = (1:1.618)

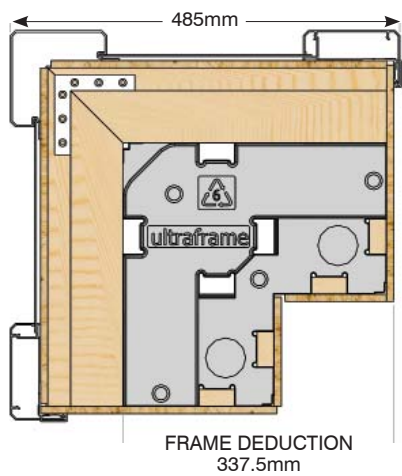




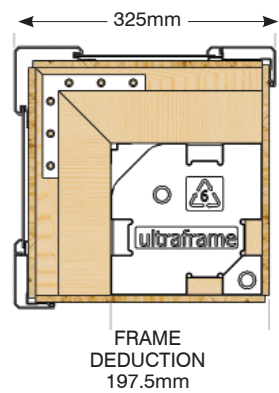
DESIGN OPTIONS

90° Corner Column Configuration

Large



Small



Full height frames large and small



Claddings with column plinth



Claddings with masonry Plinth Cap

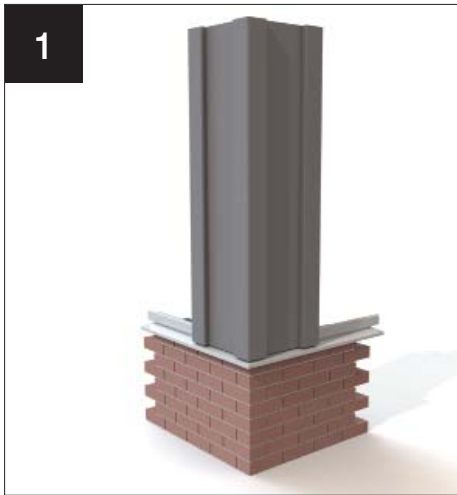


Claddings only (to ground) - can be cut into exact length or left 2500mm long for site trimming.

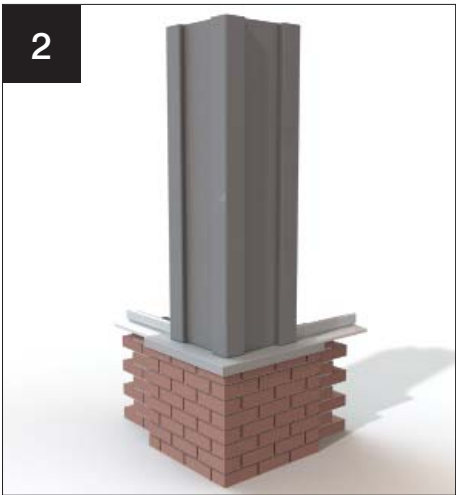


Sat on cill

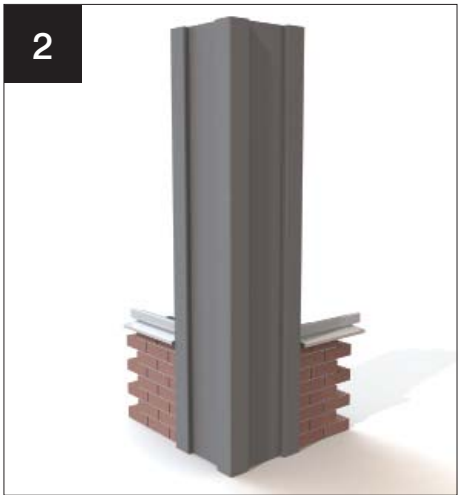
Dwarf Wall large and small



Sat on cill



Claddings with masonry Plinth Cap



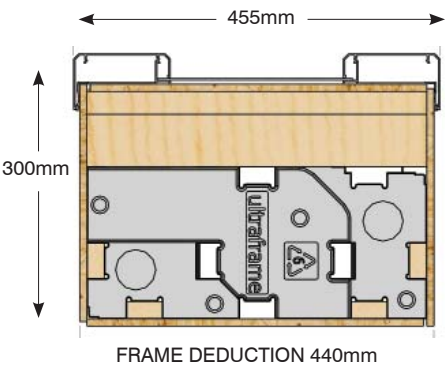
Column sat on cill, claddings run to ground (retro fit situation)

DESIGN OPTIONS

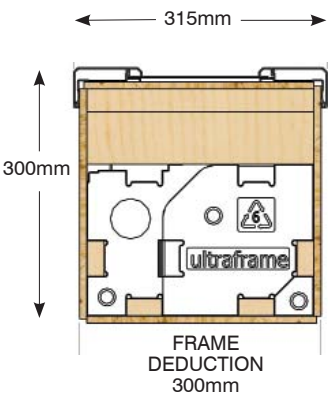
In - Line Column Configuration

IMPORTANT NOTE: WHEN DOORS ARE ADJACENT TO AN IN-LINE COLUMN, FRAME ADD ON MAY BE NECESSARY TO ENSURE THE DOORS ARE NOT RESTRICTED FROM OPENING

Large

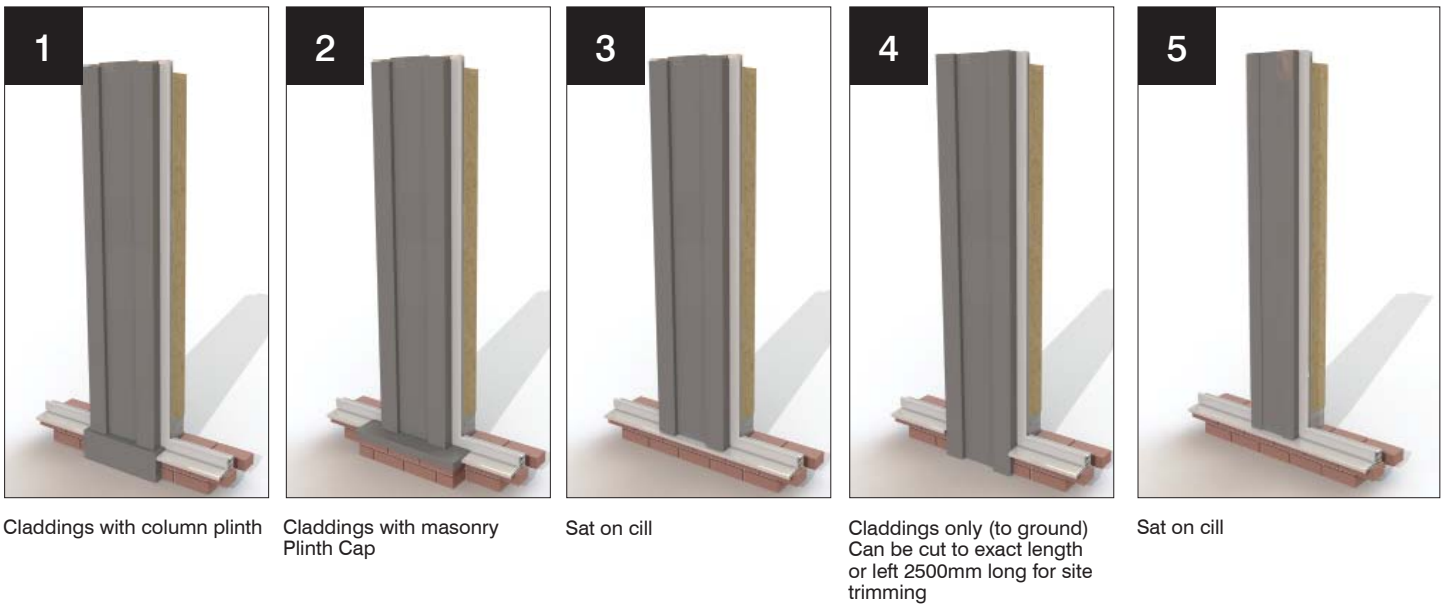


Small



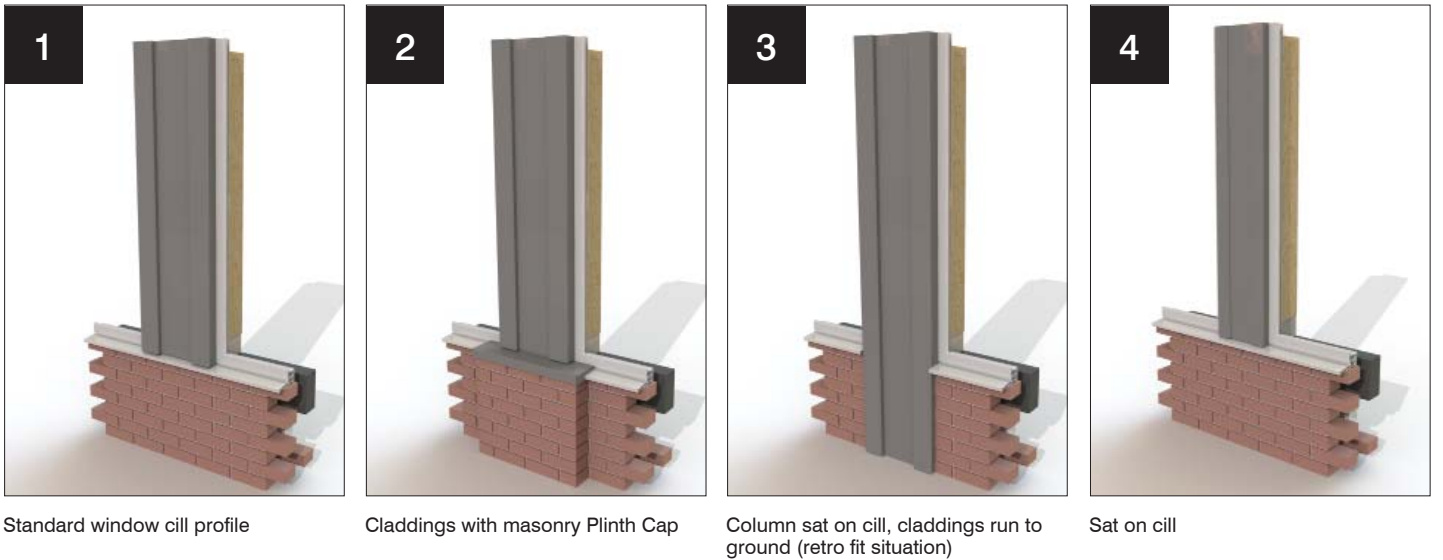
Full height large columns

Full height small columns



Dwarf Wall large columns

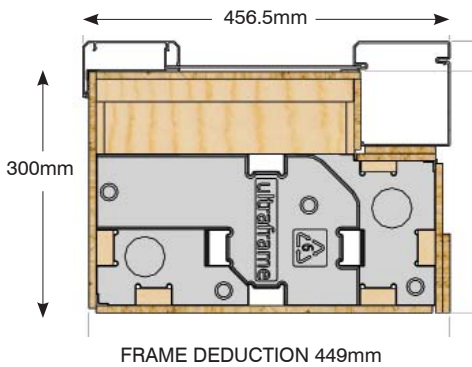
Dwarf Wall small columns



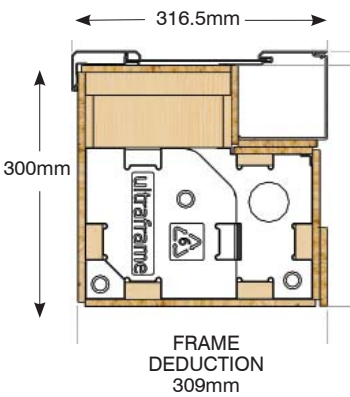
DESIGN OPTIONS

Abutment Column Configuration - left hand illustrated

Large

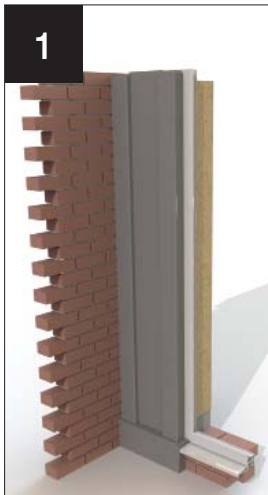


Small

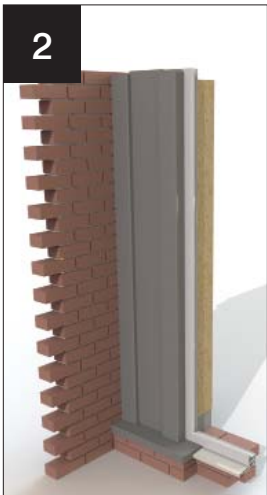


Full height large columns

Full height small columns



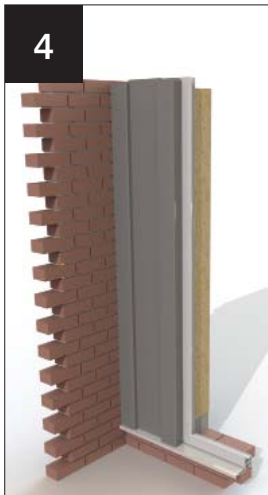
1
Claddings with column plinth



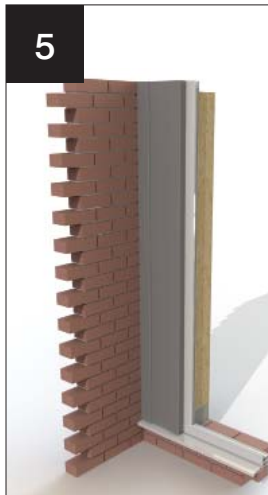
2
Claddings with masonry Plinth Cap



3
Claddings only (to ground)
Can be cut to exact length
or left 2500mm long for site
trimming



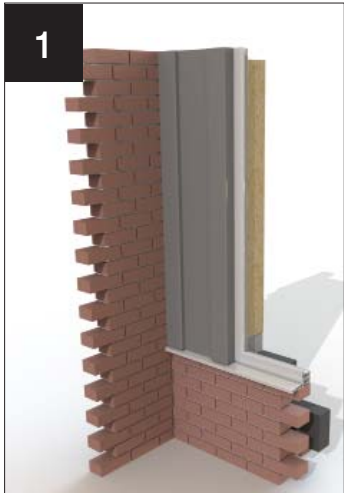
4
Sat on cill



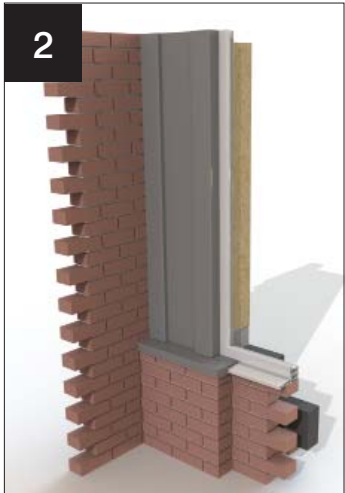
5
Sat on cill

Dwarf Wall large columns

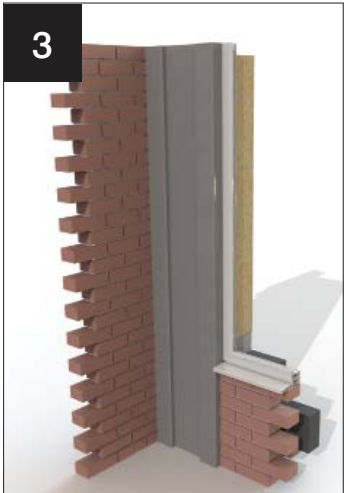
Dwarf Wall small columns



1
Sat on cill



2
Claddings with masonry Plinth Cap



3
Column sat on cill, claddings run to
ground (retro fit situation)



4
Sat on cill

DESIGN OPTIONS

Top of column detailing

Choose from using Cornice (Ultraframe's preferred option) or with a cill detail (Minimum 150mm cill required, supplied by others)

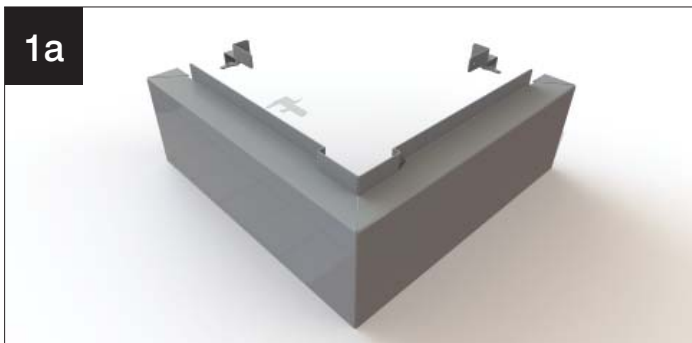


Loggia with Cornice

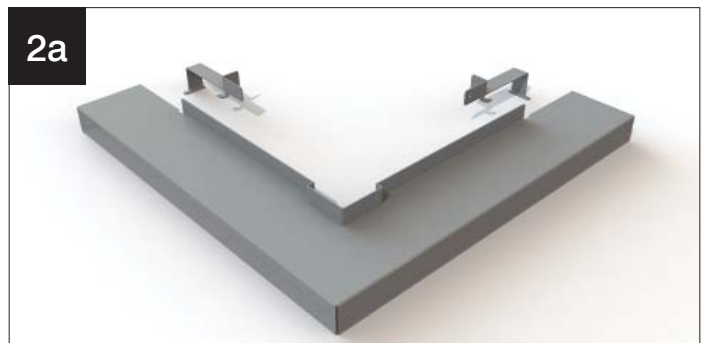


Loggia with Cill

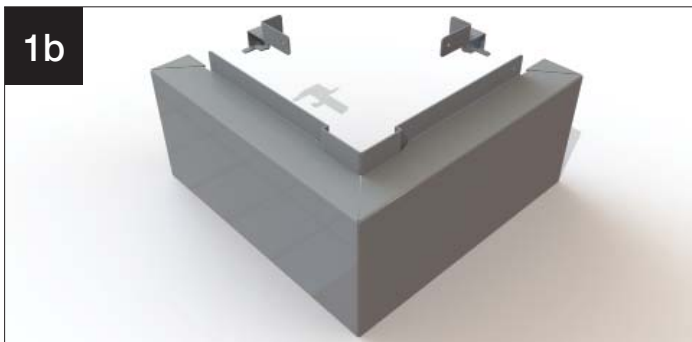
Bottom of column detailing



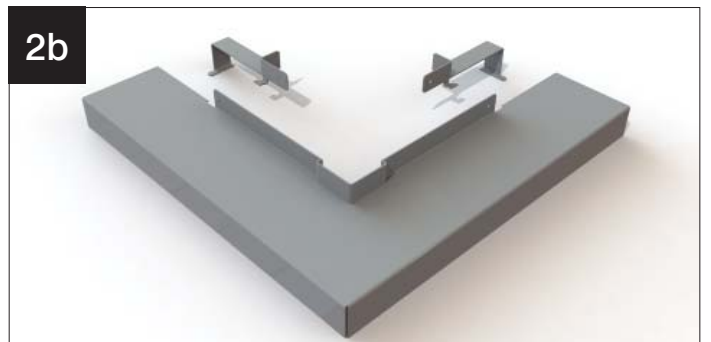
Large Column Corner Plinth - Left and right endcaps illustrated.



Large Column Corner Masonry Plinth Cap - Left and right endcaps illustrated.



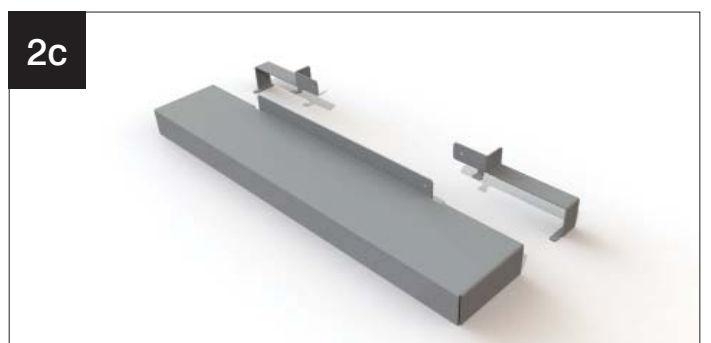
Small Column Corner Plinth - Left and right endcaps illustrated.



Small Column Corner Masonry Plinth Cap - Left and right endcaps illustrated.

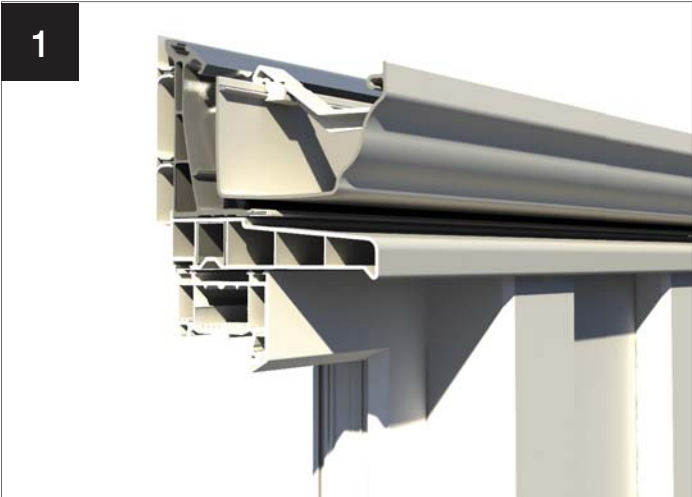


Large In-line Column Plinth - Left and right endcaps illustrated. Also used in abutment situations and is cut down on site for LH & RH situations.

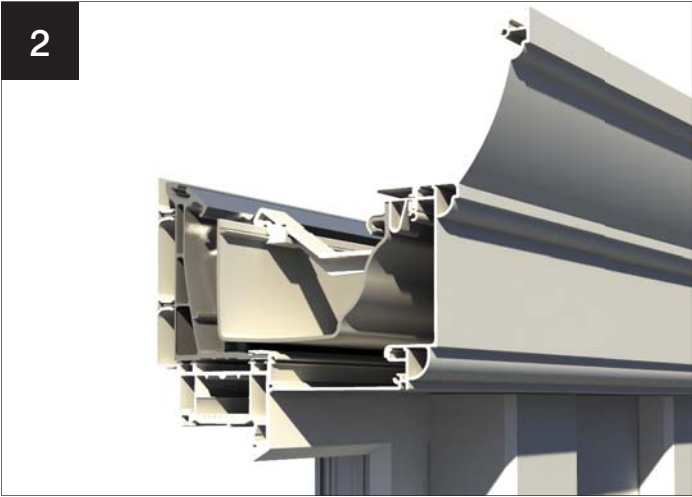
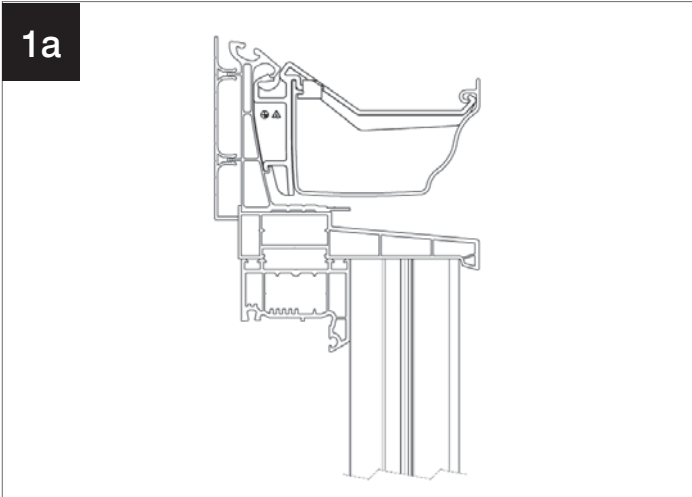


Large In-line Column Masonry Plinth Cap - Left and right endcaps illustrated. Also used in abutment situations and is cut down on site for LH & RH situations.

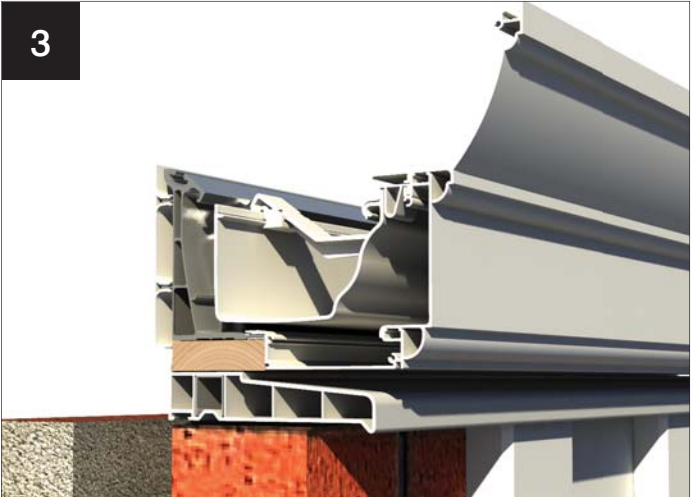
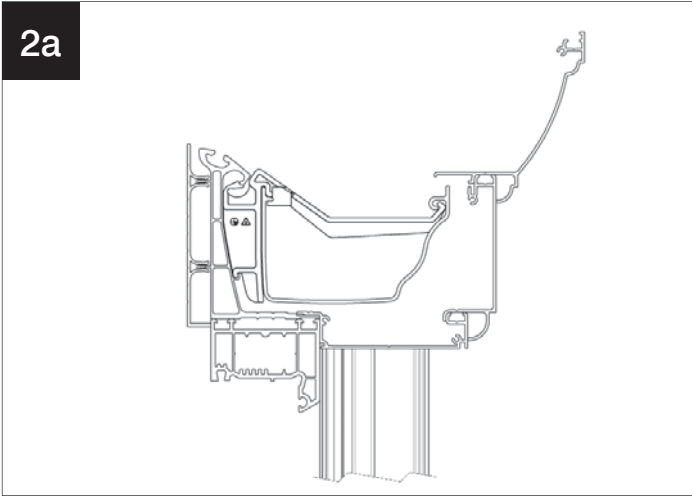
STANDARD EAVES CROSS SECTION DETAILS



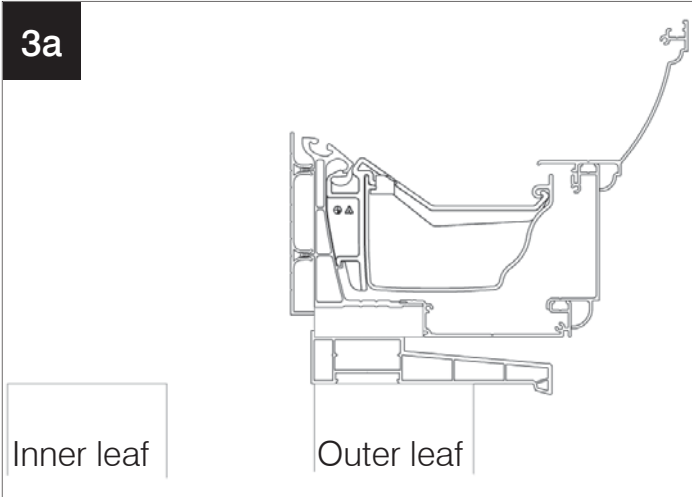
Standard eaves with cill



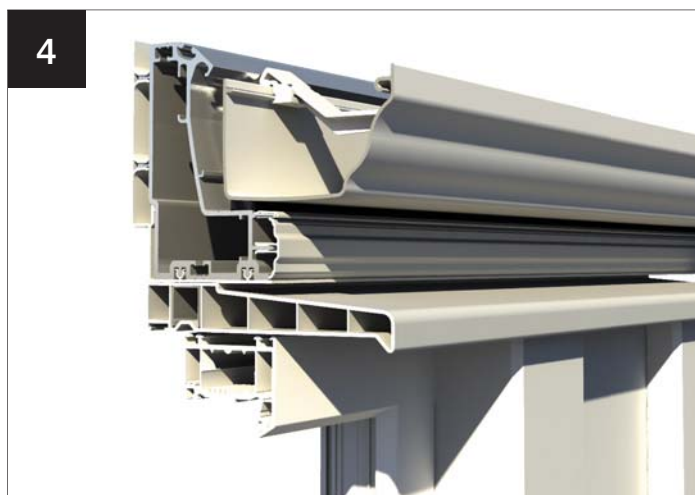
Standard eaves with cornice



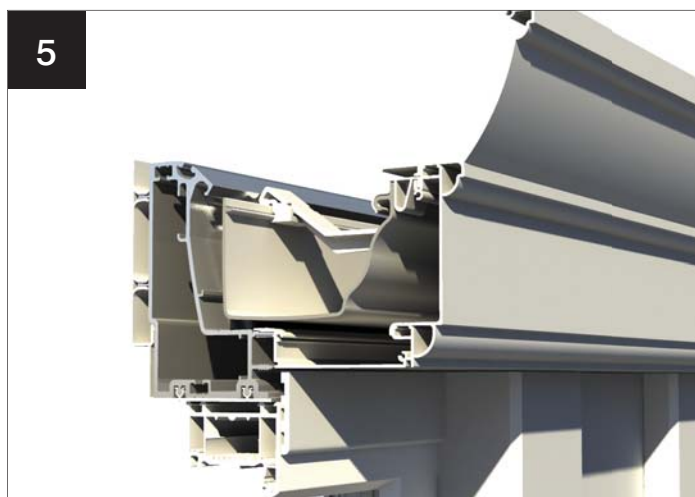
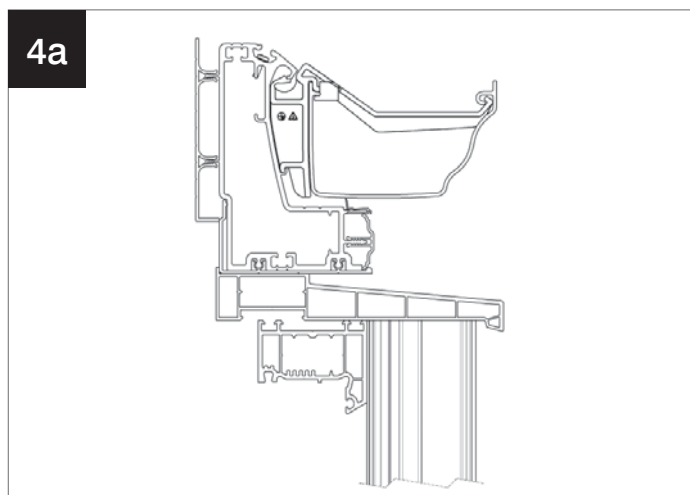
Standard eaves with Cornice and cill for full height brickwork (timber packer not supplied)



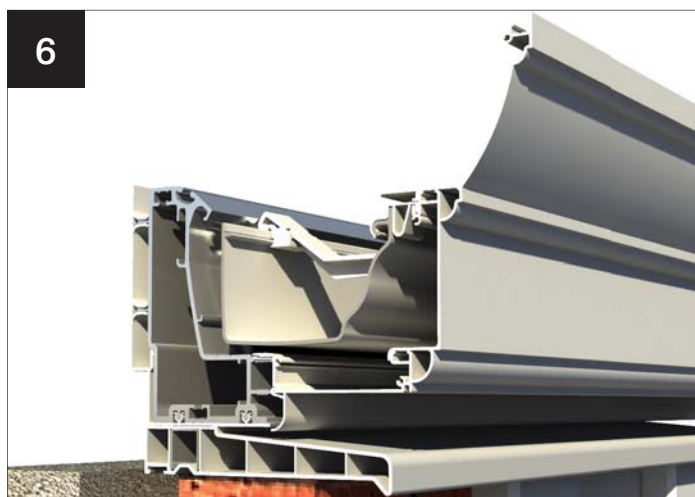
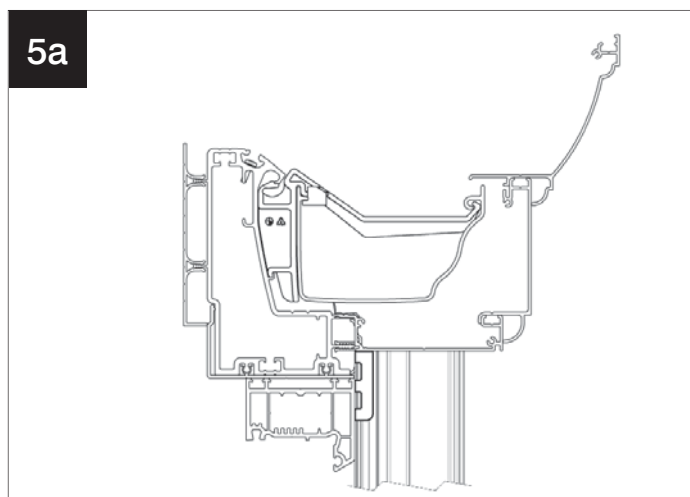
SUPER DUTY EAVES CROSS SECTION DETAILS



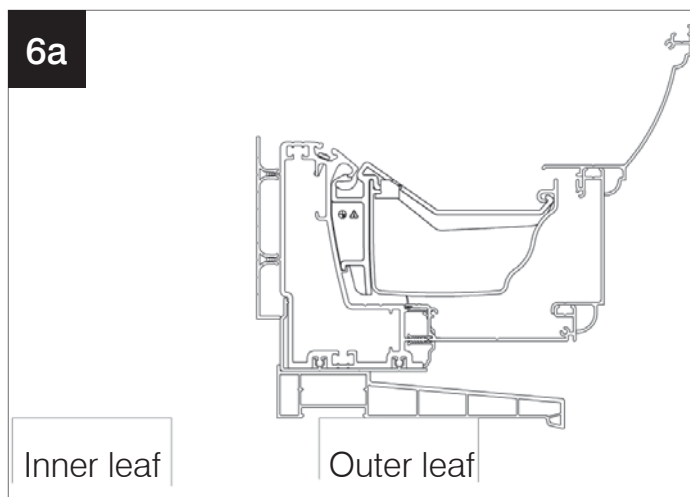
Super Duty eaves with cill



Super Duty eaves with cornice (trims not supplied)



Super Duty eaves with Cornice and cill for full height brickwork



RAINWATER DISPOSAL OPTIONS

Rainwater pipe in abutment post

In the abutment post we can hide a rainwater pipe. This saves time fitting an outlet into Cornice, see page 13 for full design and construction details. This option works on full height frames only.



Other rainwater downpipe options

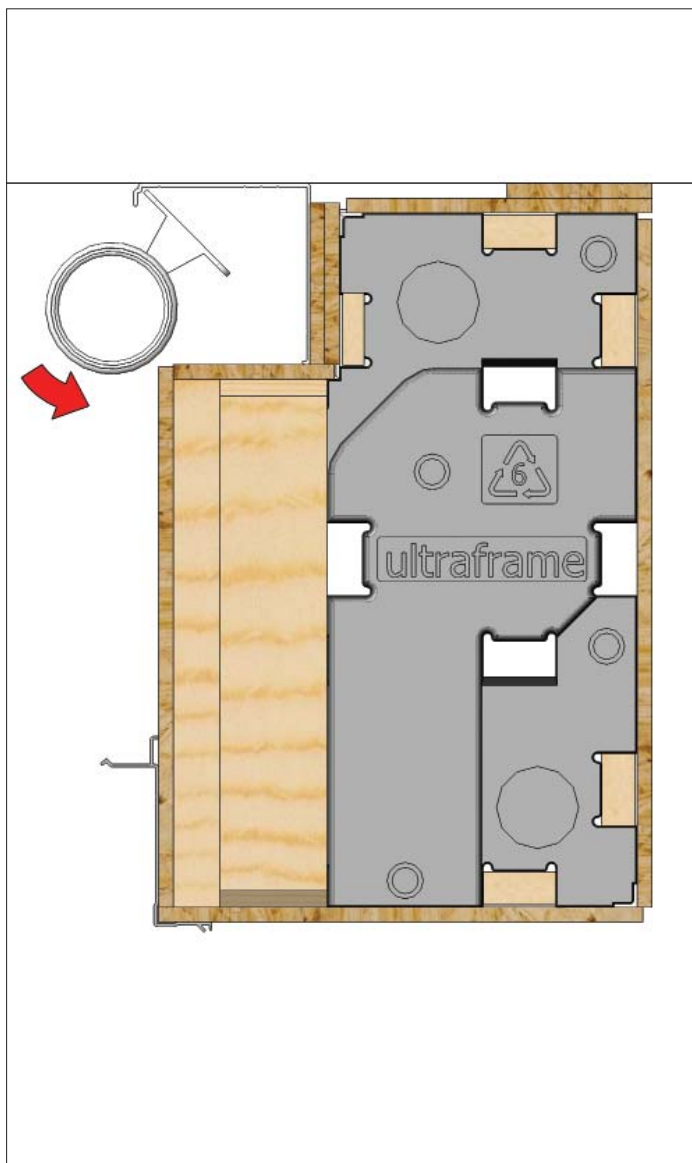


Return back to house wall applies to both Cornice and cill

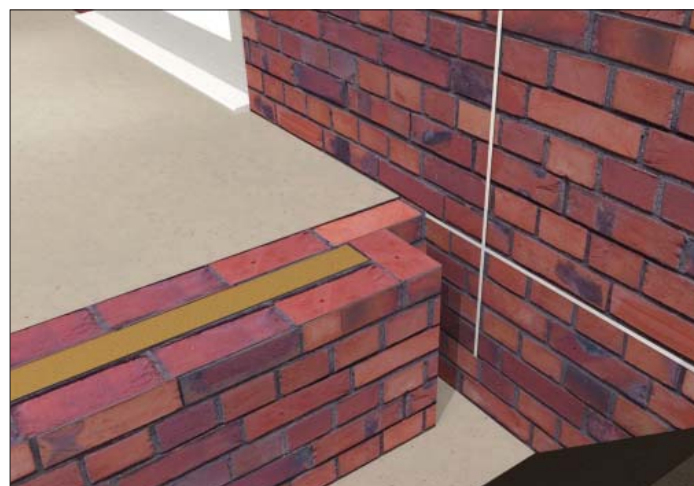


Elephants trunk outlet. If it is not possible to have full height columns.

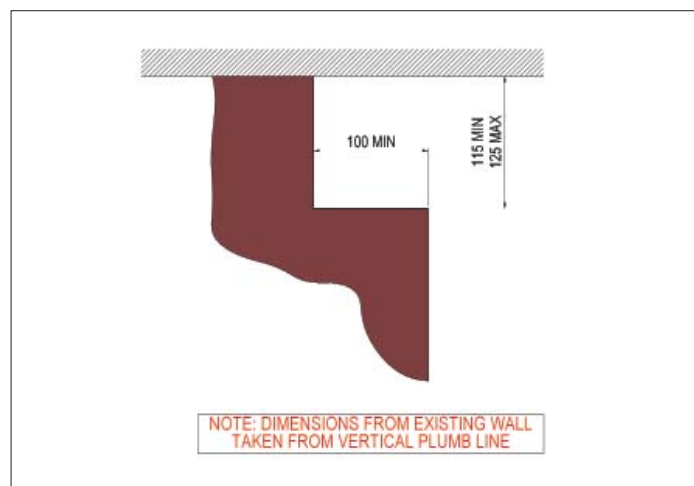
RAINWATER PIPE IN ABUTMENT POST



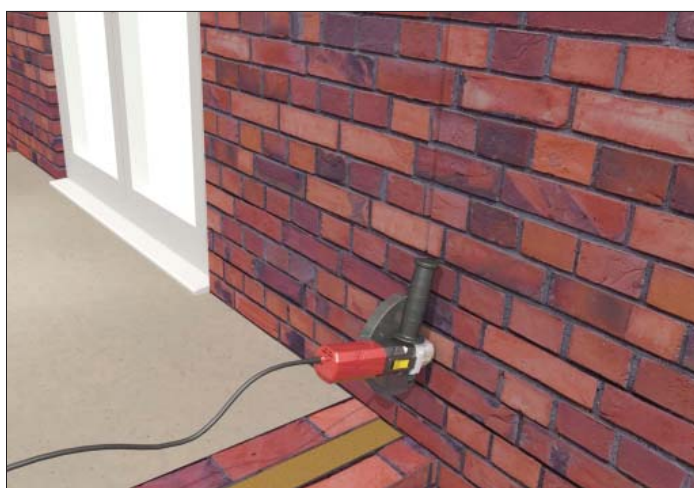
Rainwater downpipe fits into the recessed channel on the abutment column.



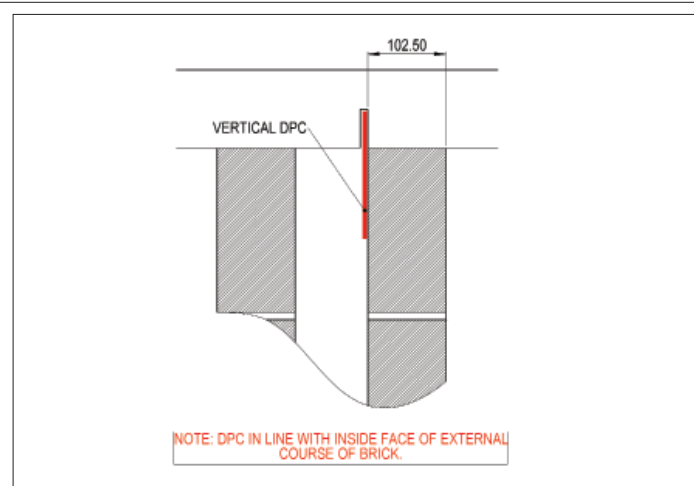
If a concealed rainwater downpipe has been specified on the Abutment column, then the base work is required to step in to allow for the downpipe to exit below the column.



Base work detail shown for the concealed rainwater downpipe in the Abutment column.



When using abutment columns, a vertical DPC is required between the column and host wall.



Position of slot for vertical DPC shown.

SET OUT POSTS

Introduction

When designing the new building for your consumer, there are always compromises to be made during the design process. If you use the U-design software yourself, then the effect of these design decisions can be viewed instantaneously and any compromises quickly implemented. These changes could be influenced by;

- the door and window positions,
- whether the columns are full height or sat on dwarf walls,
- if the column is sat on cill/off cill can be important
- the size of the proposed building
- and – of course – perhaps the most critical element is the resultant effect of the wind and snow loadings at the postcode of the proposed building.



Illustration shows standard post which also aids foundation/brickwork set out.

If you are not a direct user of U-Design, then this process of amending the design may happen as a result of negotiations with Ultraframe (if you are a direct buyer) or with one of Ultraframe's fabricator/trade intermediary suppliers.

Lets look at an example.

Take a location with a wind load of 1.0kN/m2 and full height frames with large corner columns NOT on cill.

Maximum projection of the building is as follows;

- 2.89m with standard set out posts and two straps
- 4.62m with structural post and internal support bracket
- 6.93m with structural post, internal support bracket and at least two 'fixed frames' in front elevation.

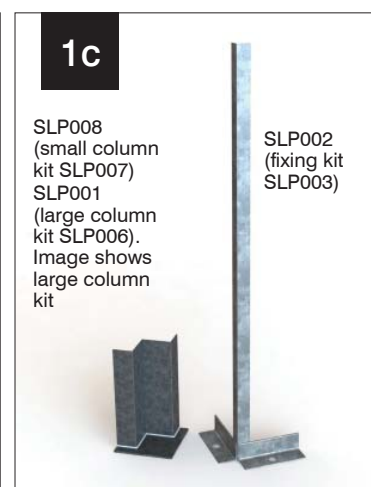
Pages 14-20 discuss all the structural design elements. Please call 0843 208 6953 or email techsupport@ultraframe.co.uk if you need help with these structural design rules.



This is how setout post is wrapped/packed.



LRP019
(part of fixing
kit LRP020)



SLP008
(small column
kit SLP007)
SLP001
(large column
kit SLP006).
Image shows
large column
kit

SLP002
(fixing kit
SLP003)

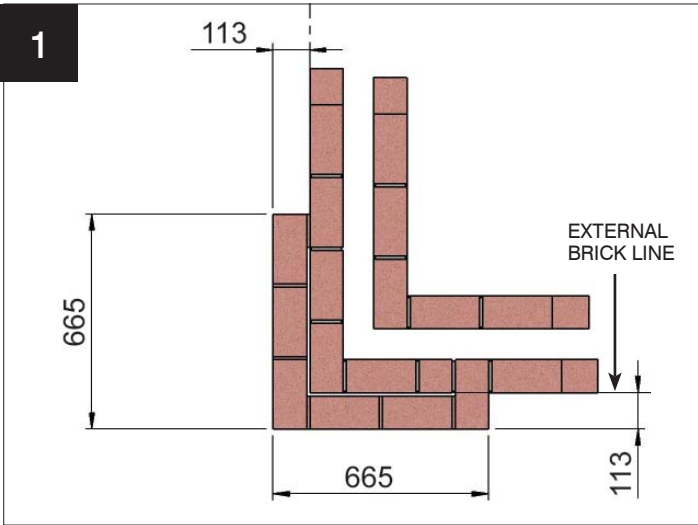
Standard post comes with its own fixing kit (LRP020)

Structural post (right) and structural internal anchor bracket (options for large and small corner columns).

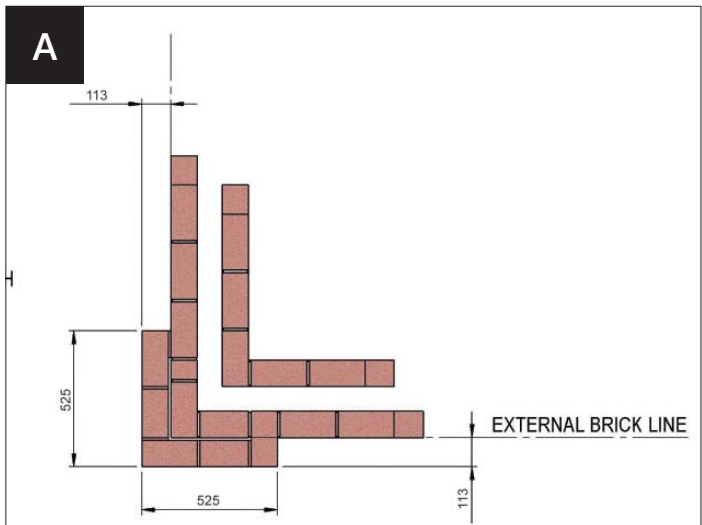
FOUNDATIONS SET OUT

NOTE: THE SMALL INLINE AND ABUTMENT COLUMNS ARE ONLY AVAILABLE ON CILL

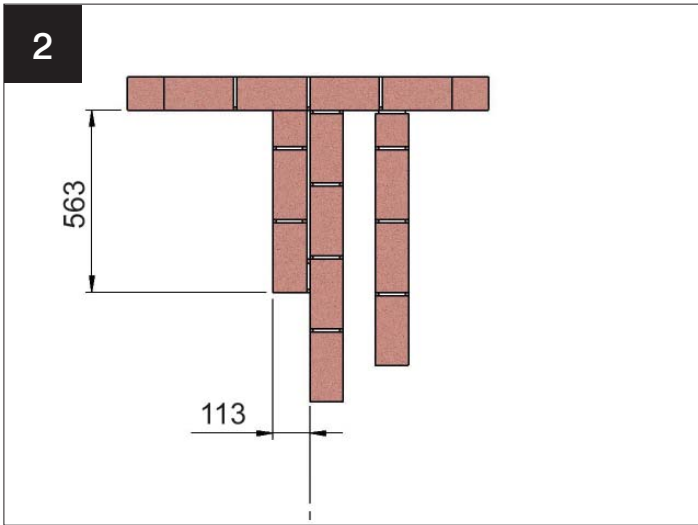
Large Corner Brick Plinth sizes



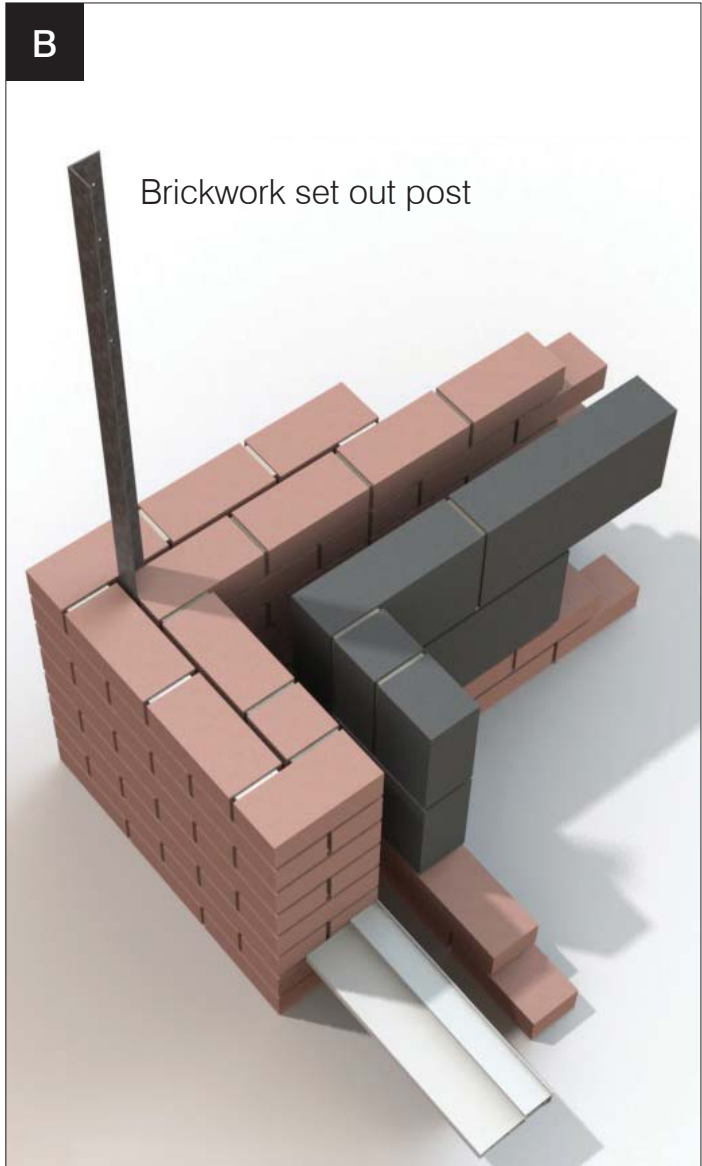
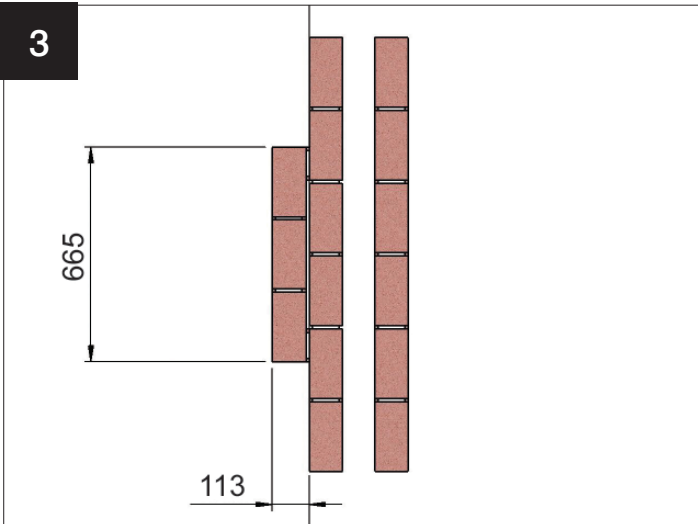
Small Corner Brick Plinth sizes



Large Abutment Brick Plinth sizes



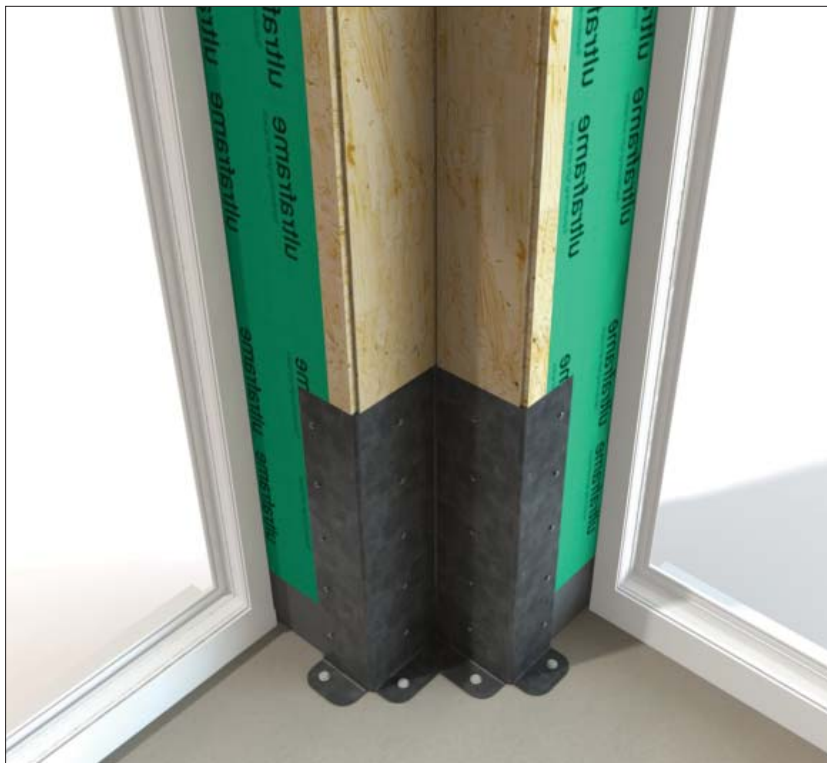
Large Inline Brick Plinth sizes



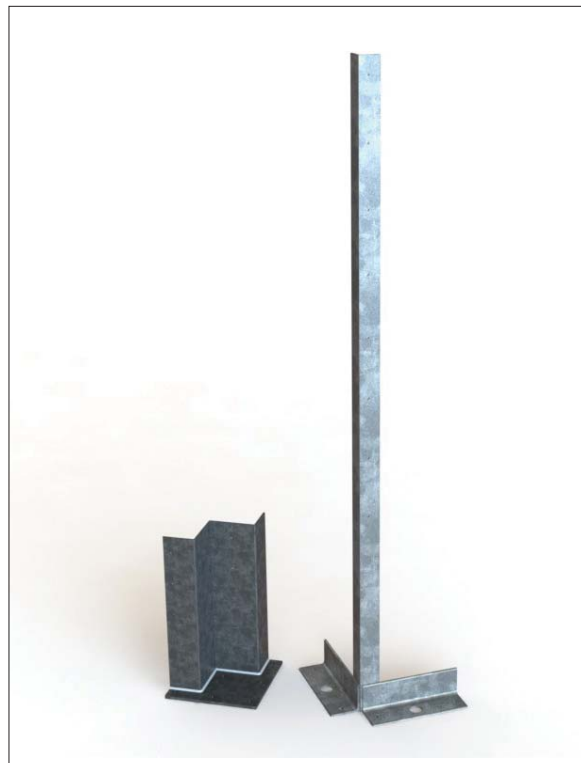
STRUCTURAL COLUMNS

Structural column rules:

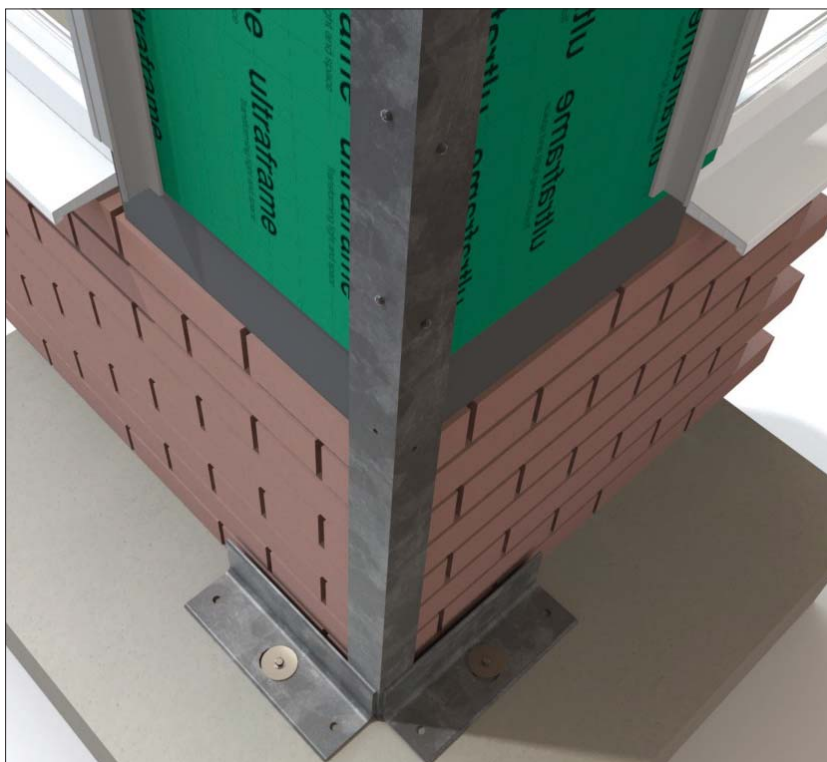
- Full height only.
- Large corner column only.
- Not available as 'on cill' option.



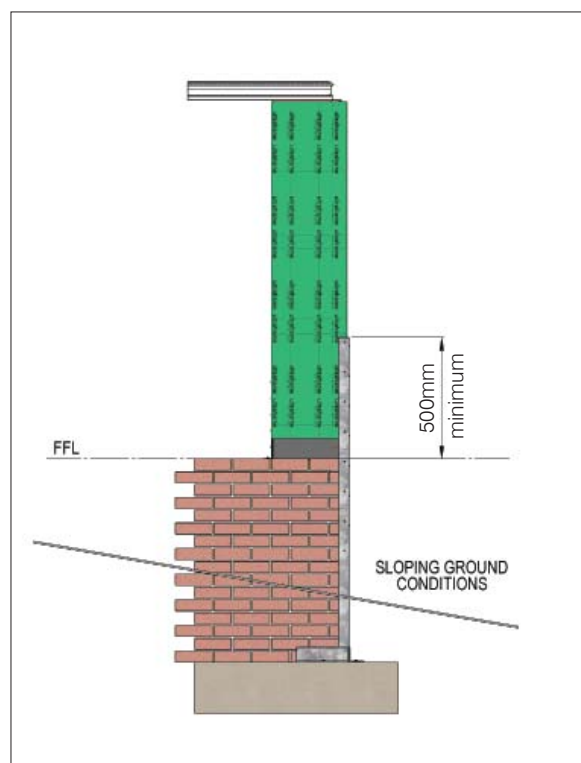
Internal structural steel plate is anchored to slab. Plate may require recessing dependant on finished floor.



Structural setout post and internal fixing plate

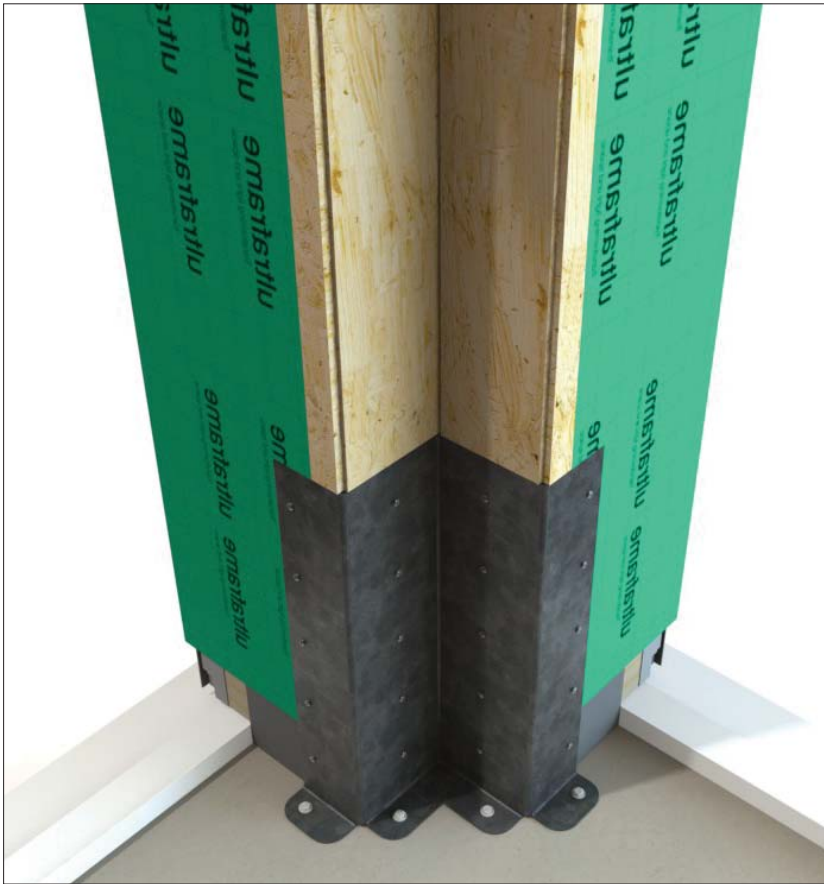


External structural steel post is anchored to footings

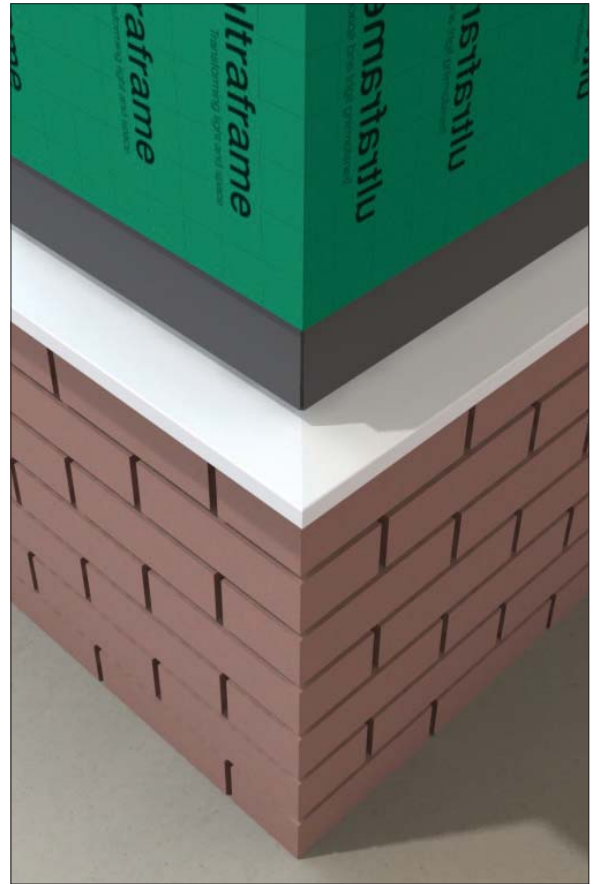


In situations where ground conditions slope away, ensure that structural post projects above finished floor by 500mm minimum. If this is not possible contact Ultraframe technical support for advice.

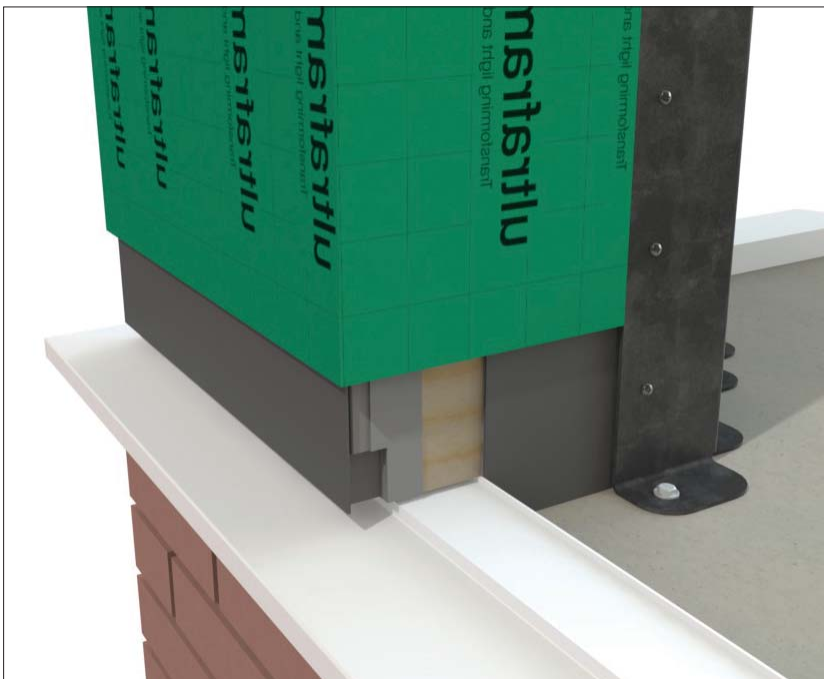
FULL HEIGHT COLUMN ON CILL



Internal structural steel plate is anchored to slab. Plate may require recessing dependant on finished floor.

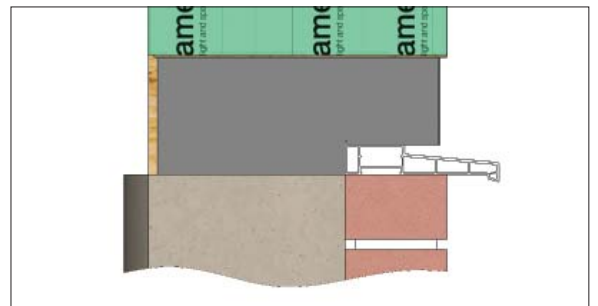


Note: removal of setout post is required to accommodate cill.

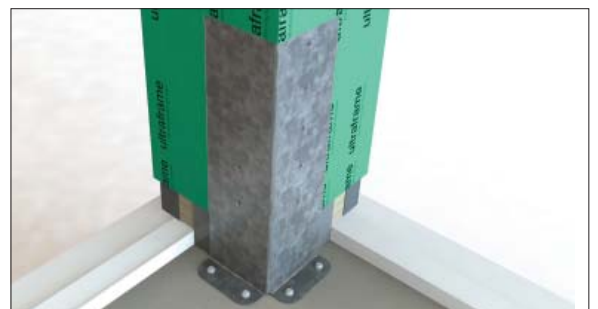


Large Corner

If using full height columns on cill, removal of brickwork setout post is required and internal fixing plate is used to fix and stabilize column. There is no requirement for additional internal straps.

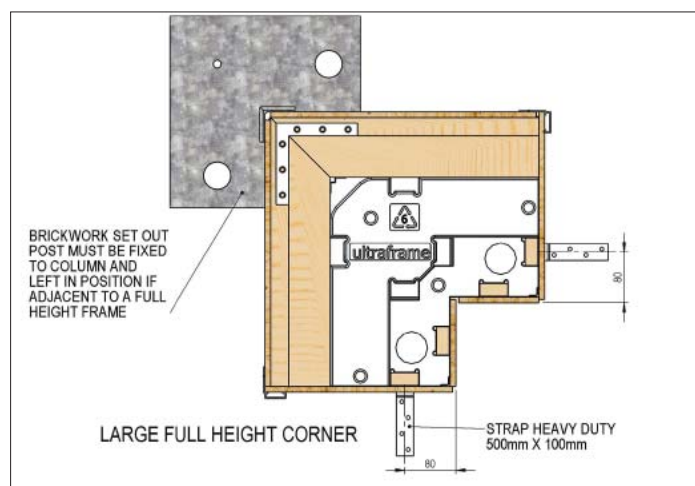


Cill clearance cutout is prepared in the factory.



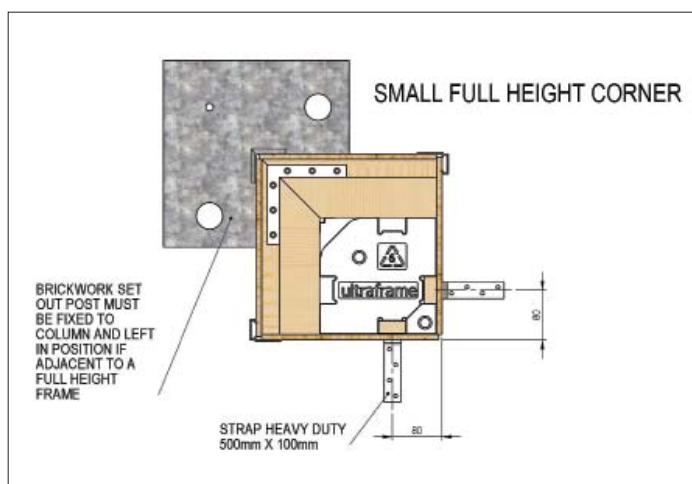
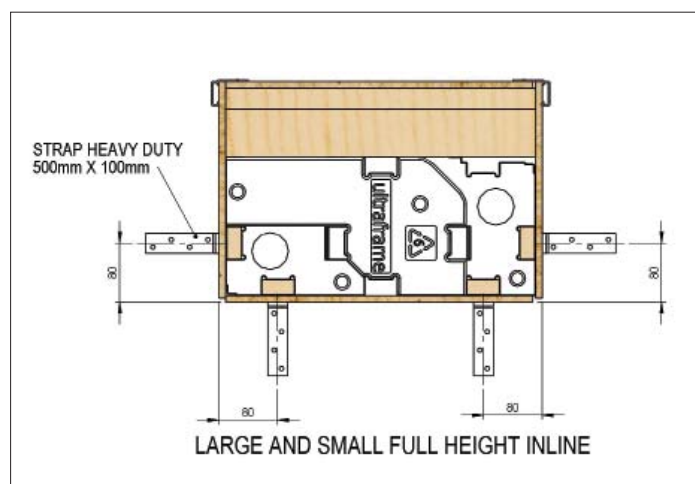
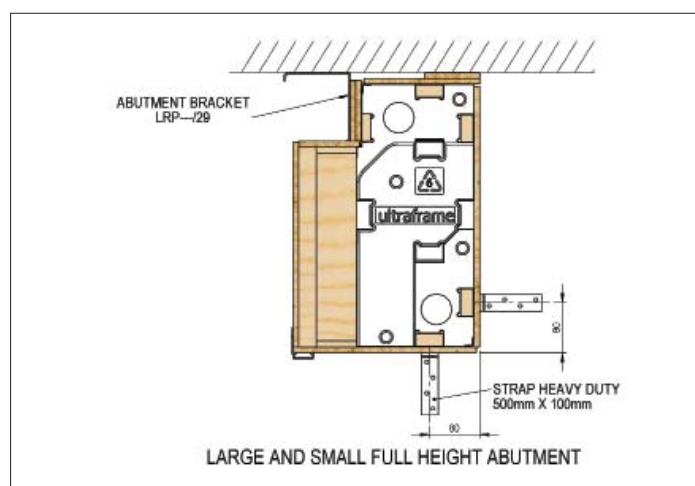
Small Corner

COLUMN STRAPS (FULL HEIGHT)



GENERAL NOTES ON COLUMN STRAPS:

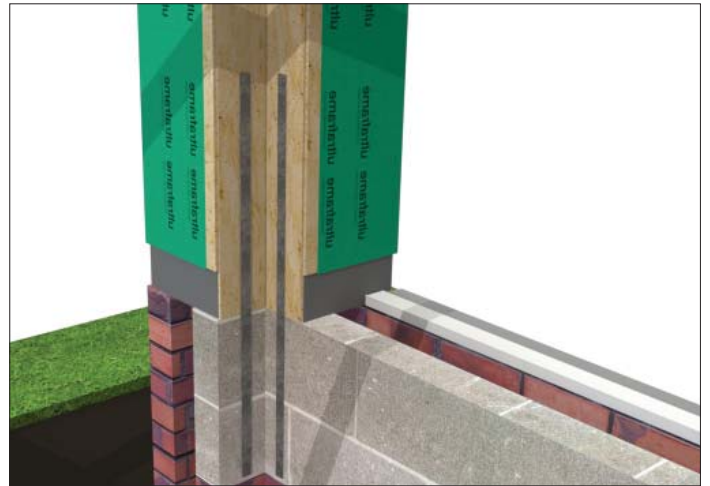
- GENERAL NOTES ON COLUMN STRAPS:
1. Fixings to attach to columns are provided, but fixings for other substrates are not supplied.
 2. NOTE: IF FIXING TO FINISHED FLOOR LEVEL, STRAPS MAY NEED TO BE SET INTO FLOOR.
 3. If straps are specified, they must be fitted and in accordance with rules / centres outlined here.



STRAP POSITIONS ON DWARF WALL



ABUTMENT
Fasten straps down inside of wall of abutment column



LARGE 90° CORNER
Fasten straps down inside of walls of large 90° corner column



INLINE
Fasten straps down inside of wall of inline column. Use suitable fixing.

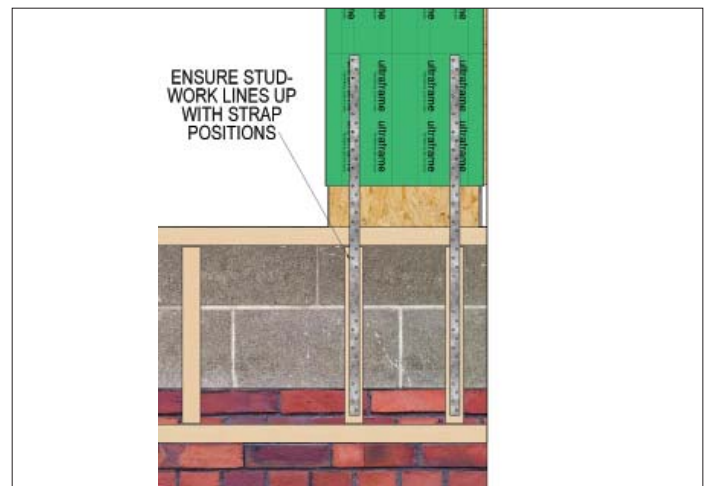


SMALL 90° CORNER
Fasten straps down inside of walls of small 90° corner column. Internal brickwork will require grinding to create relief for straps to cross over.

STRAPPING ON 250MM DWARF WALLS

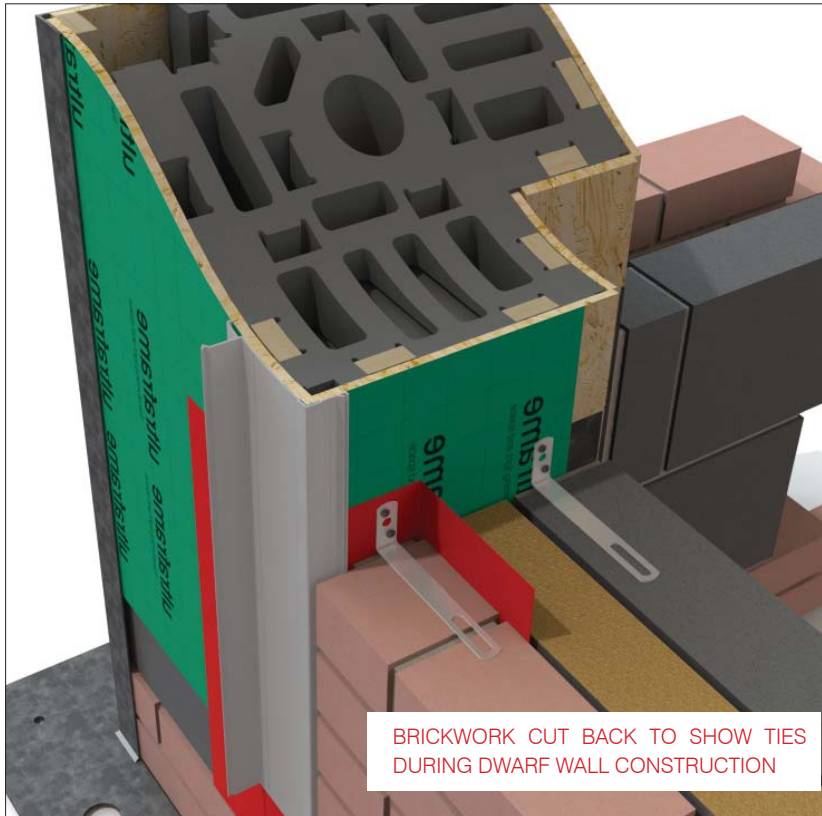


STRAPS MUST LINE UP WITH STUDWORK

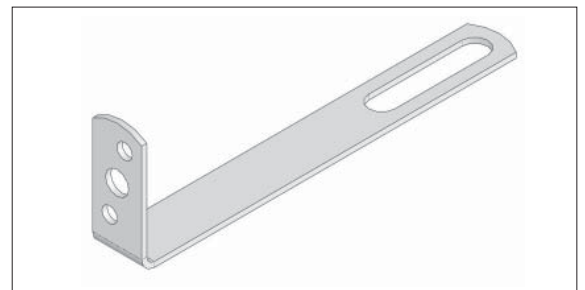
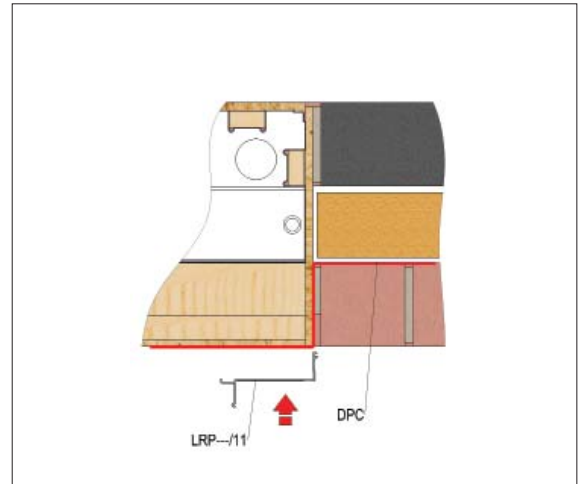


STRAPS MUST LINE UP WITH STUDWORK

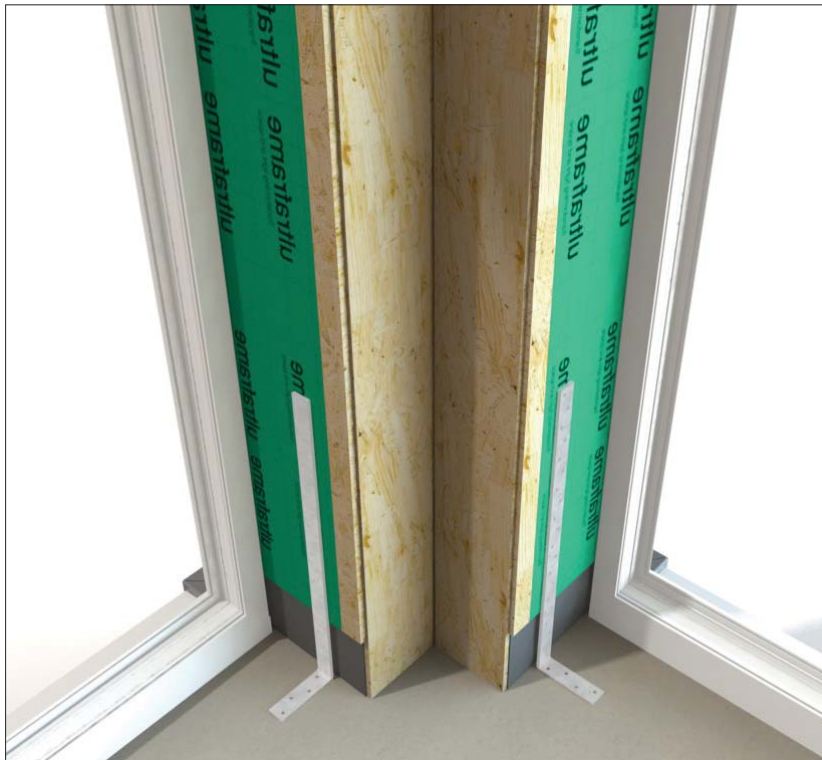
BRICK TIES AND STRAPS



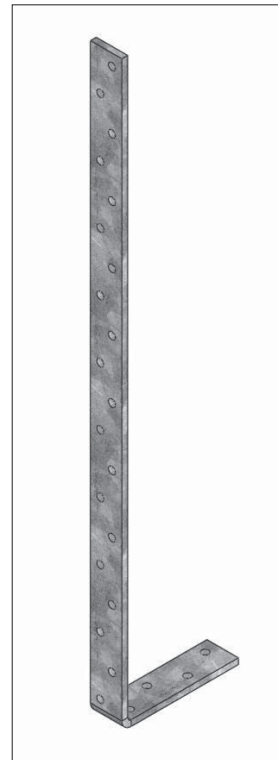
Temporarily remove brick set out spacer. Ensure that DPC is inserted as shown. Refasten brick set out spacer. Fasten brick ties into column as courses of brick are built. **NOTE:** COLUMN TO BRICKWORK TIES SET AT MAX 300MM CENTRES ON BOTH INTERNAL AND EXTERNAL WALL MIN 2 NO. REQUIRED PER LEAF.



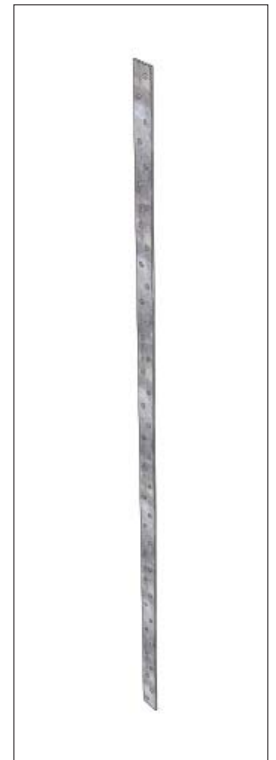
LRP026
Column brick tie



Minimum of 2 straps required. See installation guide for quantity and position of column. For columns on wall, LRP042 (straight support strap) is required running down inside of wall.

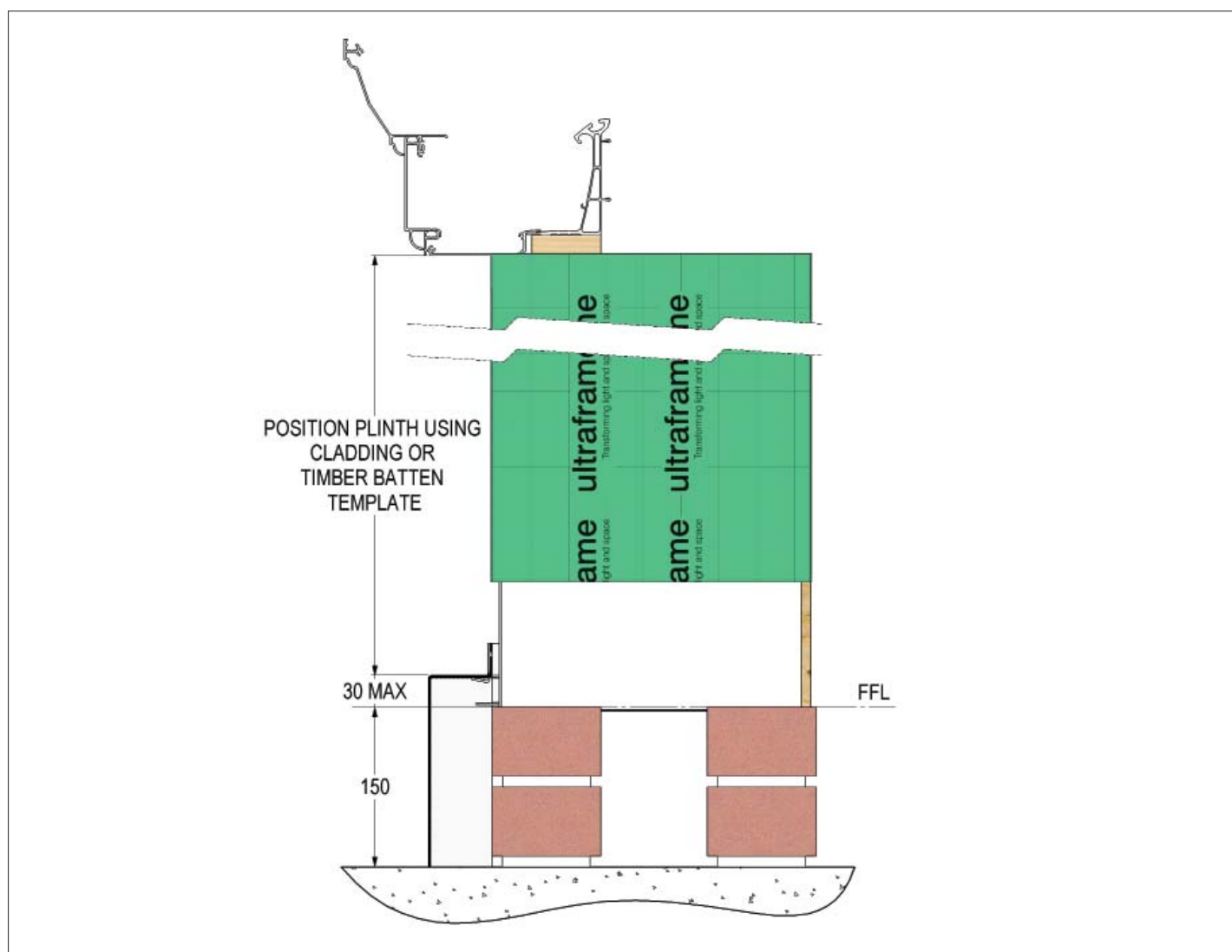


LRP027
Column support strap tie



LRP042
Column support strap tie (straight)

COLUMN PLINTH POSITIONING / FINISHING



Level Ground

- Measure cladding length to set the top of the column plinth.
- Measure down from underside of Cornice or cill for bespoke size.



Sloped Ground

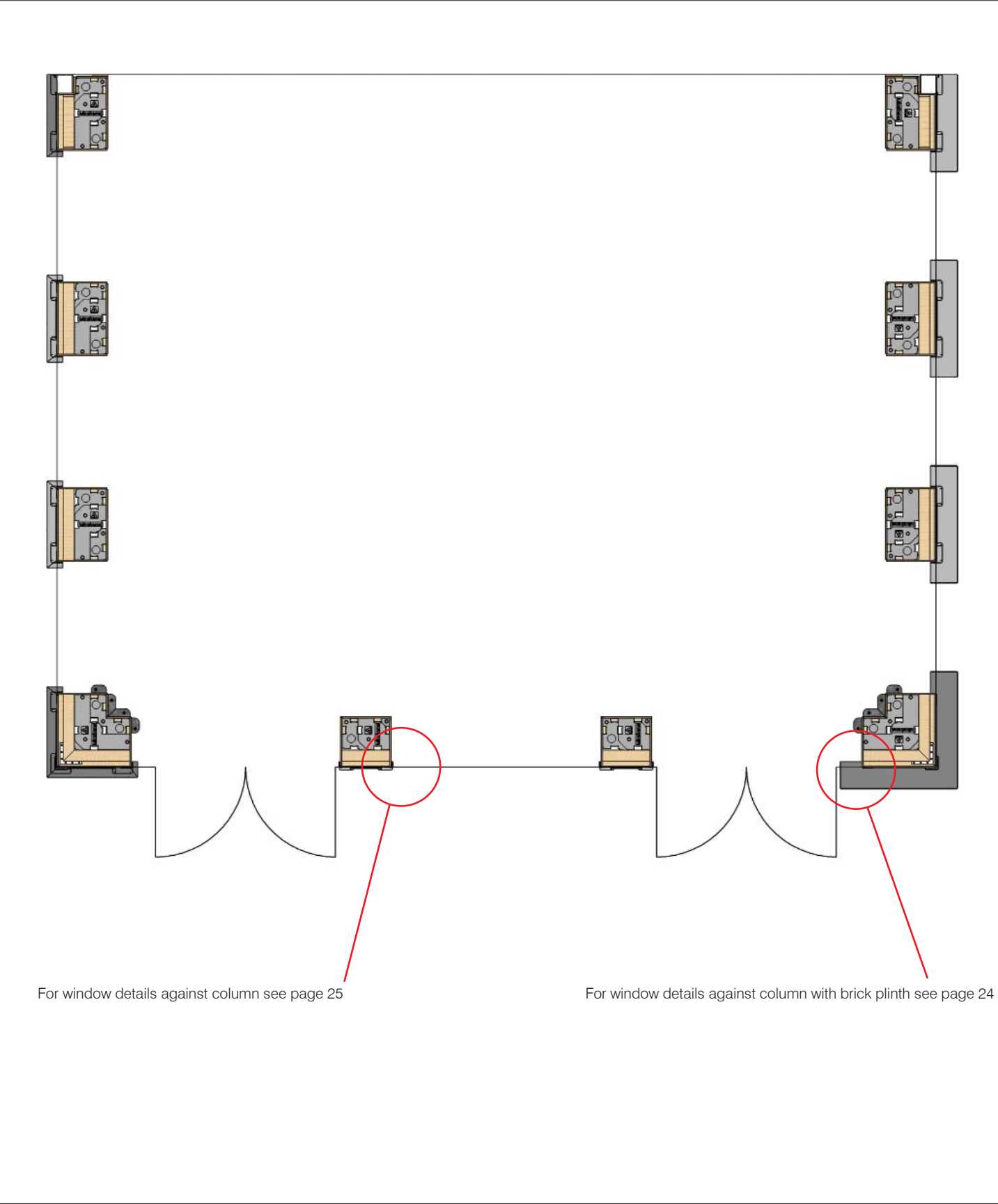
Position plinth against brickwork (to suit ground conditions). Mark through holes in plinth and then drill and plug wall. Screw plinth to wall.



Typical build with sloping ground conditions. The suitable dressing and landscaping with gravel or bark will finish this area, at the homeowners instructions.

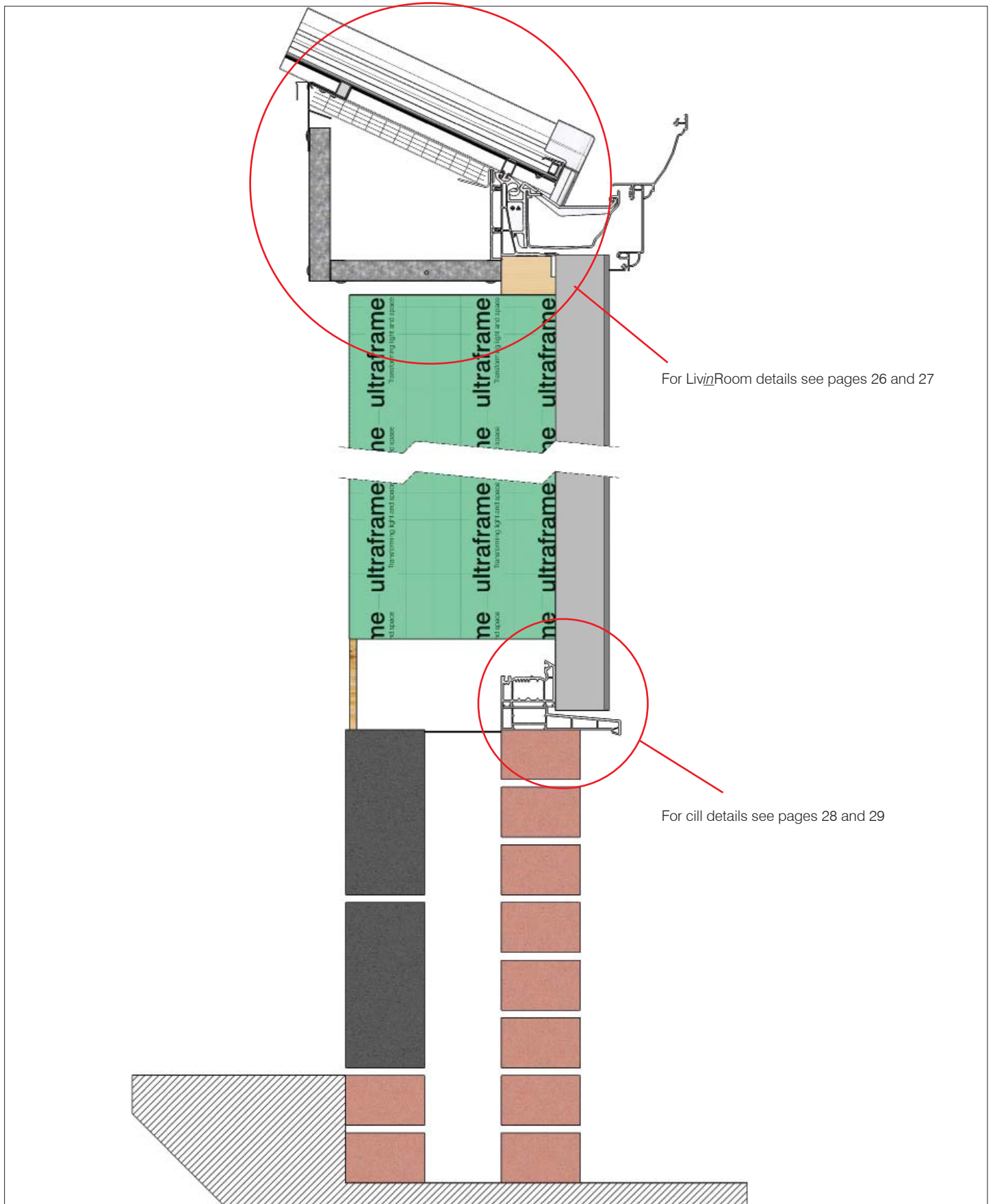
WINDOW AND DOOR INFORMATION

Turn to pages 24 / 25 for frame information on frame add ons around our door openings.

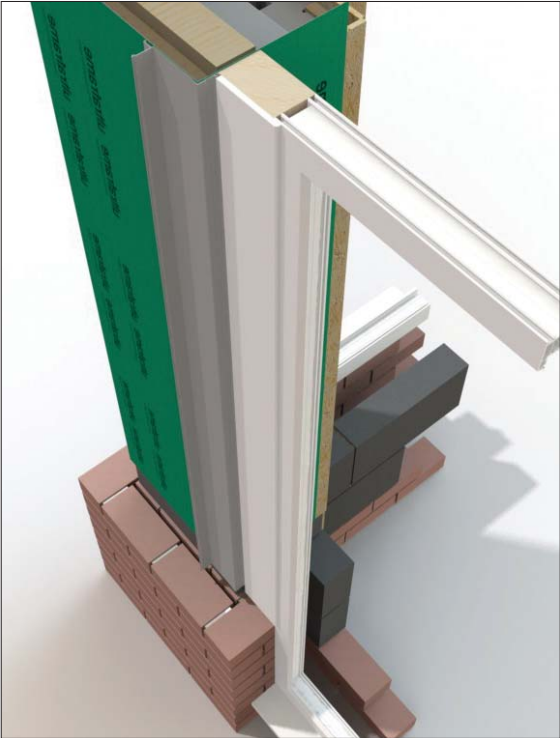
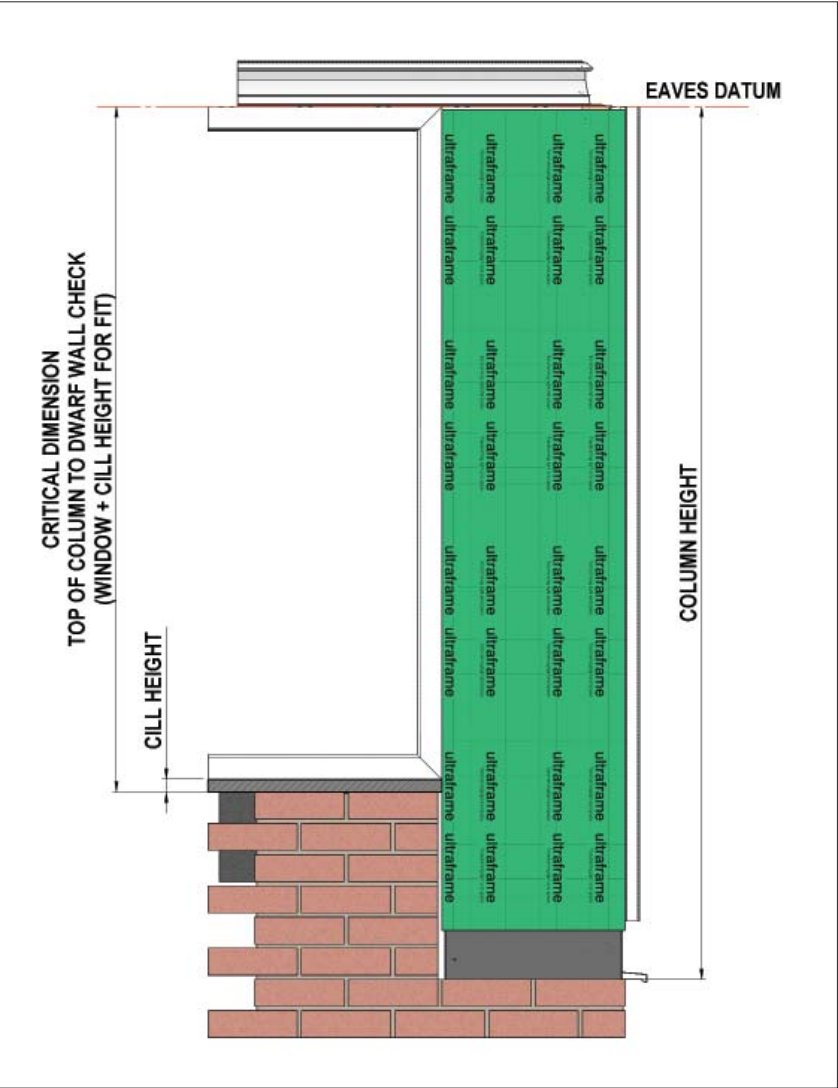


LIVINROOM PERIMETER CEILING

Turn to pages 26 / 27 for frame information on detailing when the frame profile IS NOT 70mm



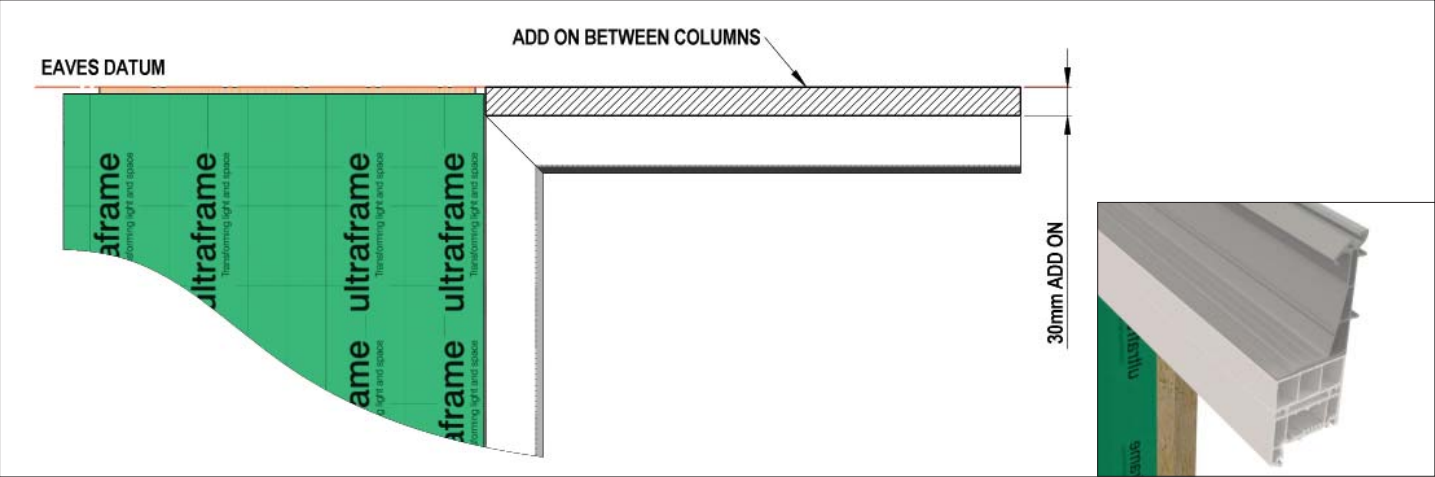
WINDOW FRAME AND DOOR ADD ONS



Frame add ons run between columns only and must not run over columns. Where brick plinths are specified, frames require packing with multiple frame add ons or timber and multiboard to space beyond brickwork. It is advisable to use a frame add on for a door next to a column to ensure that hinges do not foul. Check hinge position on door frames.

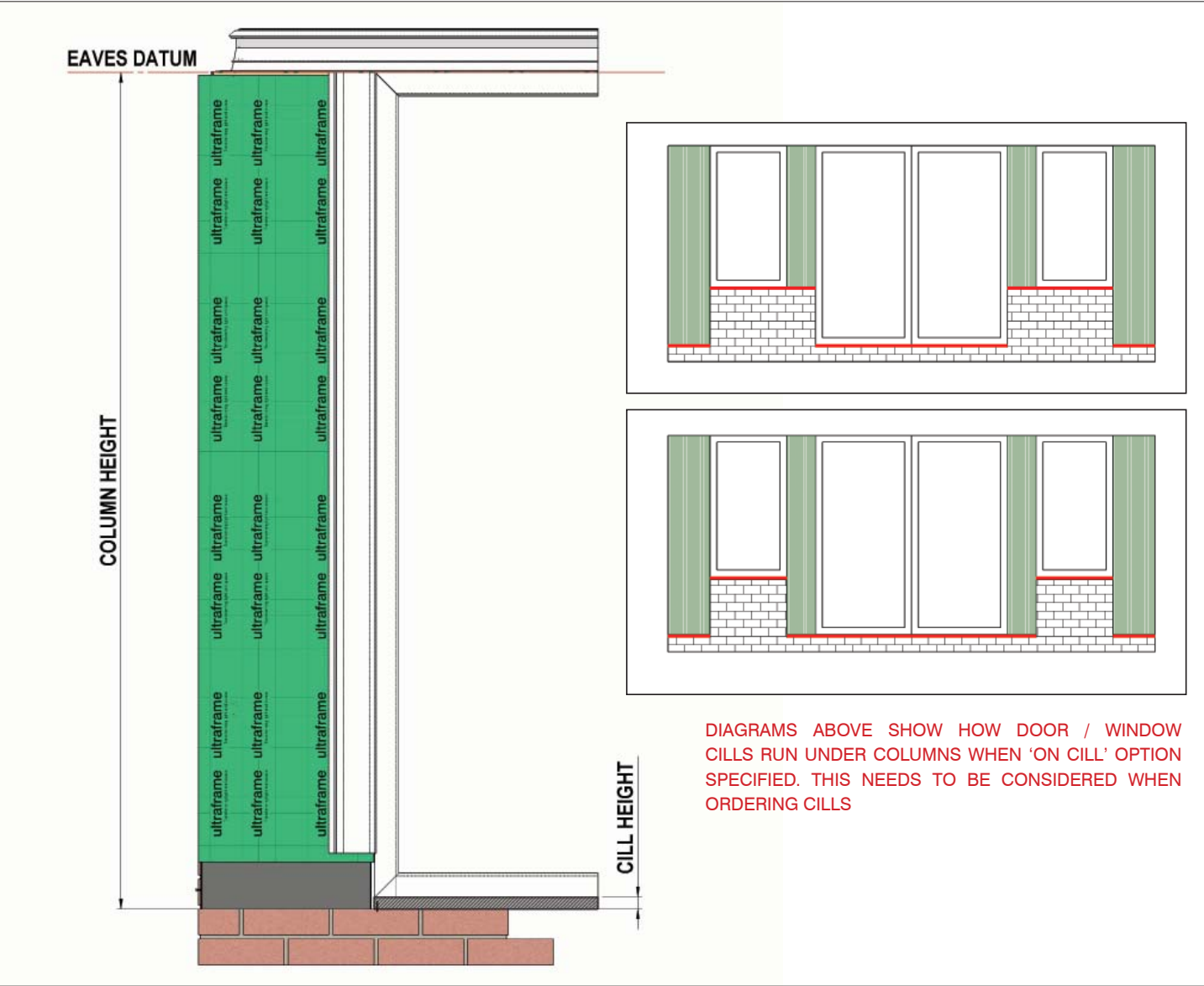
Pack detail shown between column and full height frame/door when using brick plinths above DPC level.

LIVINROOM ADD ON

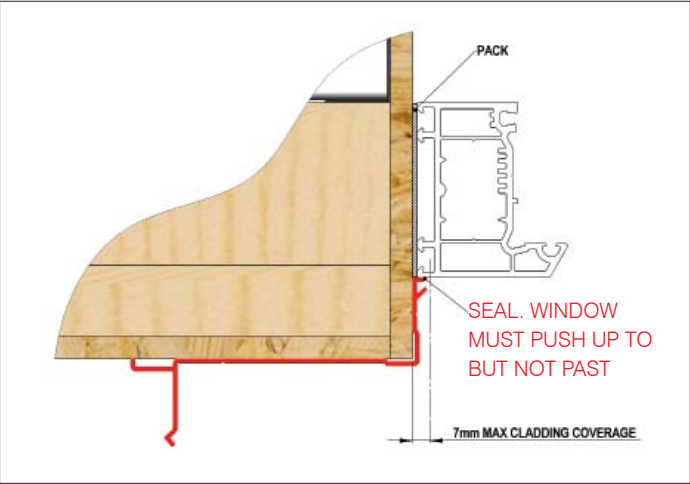


A 30mm (miniumum) add on required if specifying LivinRoom (below fascia) Add on only required between columns. NOTE: DO NOT RUN ADD ONS ONTO OR OVER THE COLUMN

WINDOW HEIGHTS



NOTE: Ensure when ordering frames based on column heights that overall height includes cills and frame add ons.
RECOMMENDATION OF 5mm DEDUCTION OFF OPENING SIZE



Fit windows against cladding clips as shown. Pack if required and seal against cladding clip. IMPORTANT: CLADDING ALLOWS 7mm COVERAGE

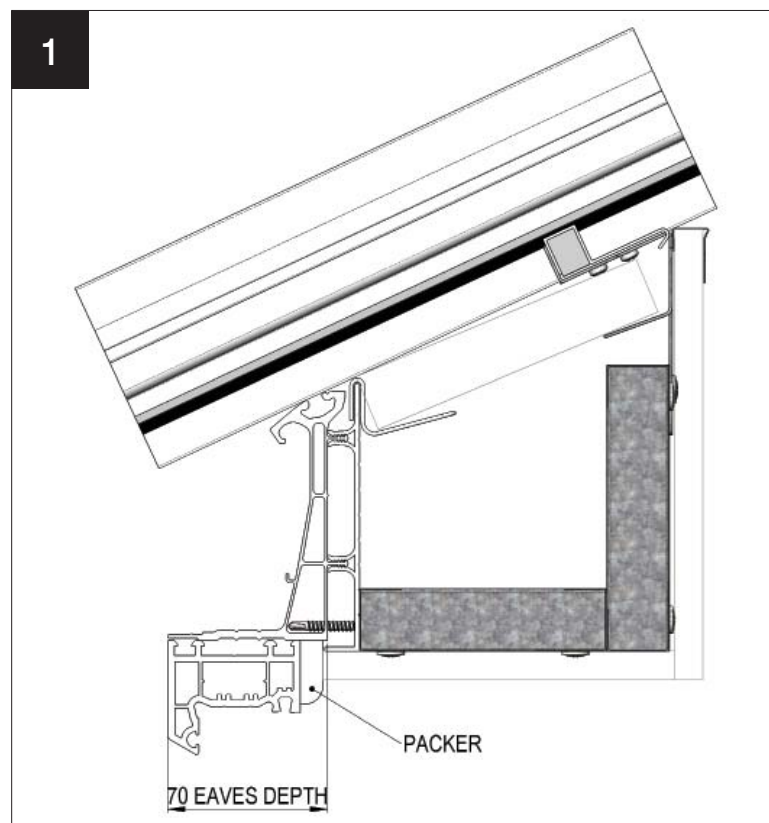


Fit and seal windows / doors against clips

LIVINROOM WITH WINDOW

FRAME SIZES LESS THAN 70MM

LivingRoom perimeter ceiling and Loggia columns are designed for 70mm deep window frames. If using window frames smaller than 70mm, packing is required as shown in the figures below.

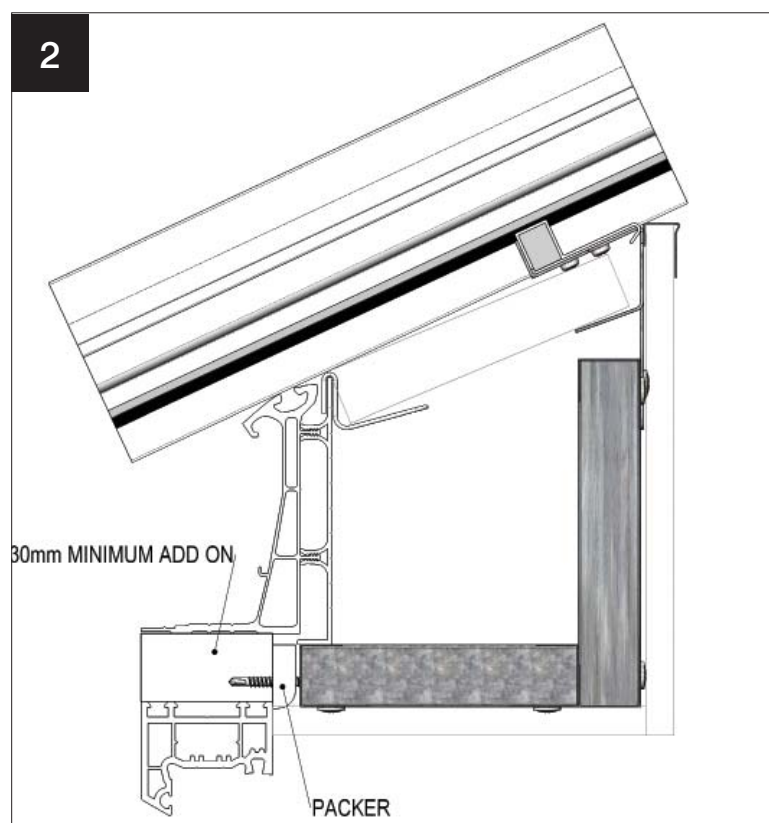


ON FASCIA

Packer is required behind PFTB fascia board to stop it collapsing when fixing back horizontal LivingRoom framework. Packer can then be plastered up to.

Packer size = 70mm - frame size

TIMBER PACKERS, TRIMS OR FRAME ADD ONS NOT SUPPLIED



BELOW FASCIA

Packer is required behind horizontal LivingRoom framework.

Packer size = 70mm - frame size

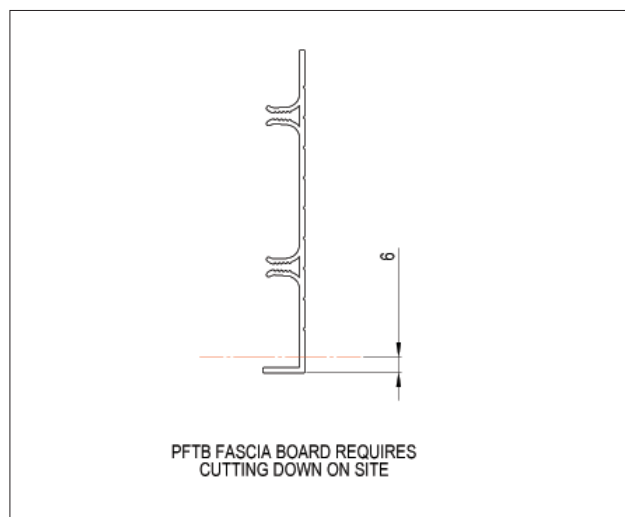
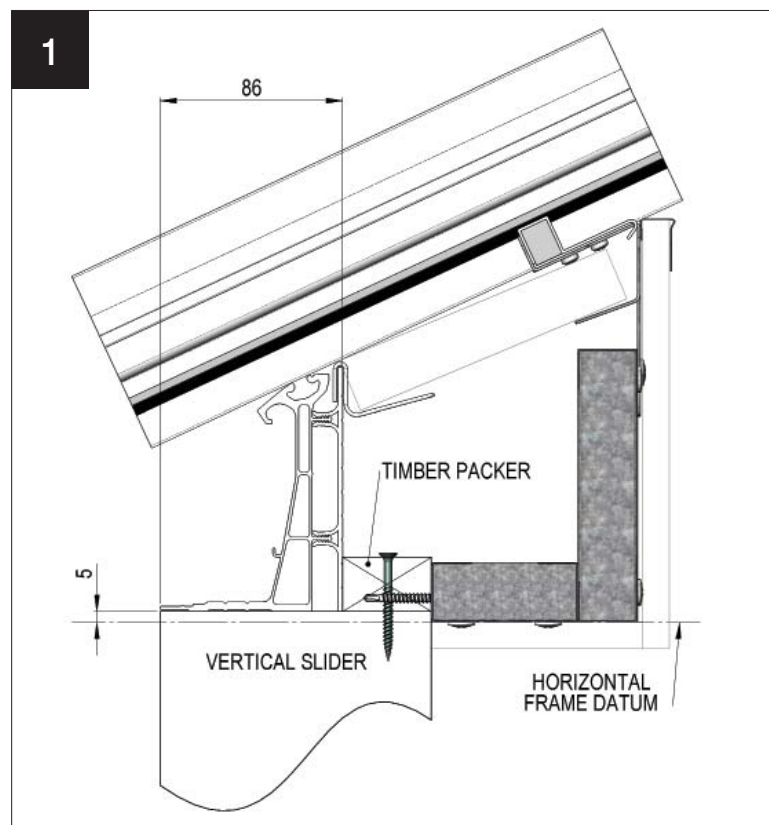
TIMBER PACKERS, TRIMS OR FRAME ADD ONS NOT SUPPLIED

LIVINROOM WITH WINDOW

FRAME SIZES GREATER THAN 70MM

LivinRoom perimeter ceiling and Loggia coumns are designed for 70mm deep window frames. If using window frames larger than 70mm the LivinRoom frame requires reducing to suit.

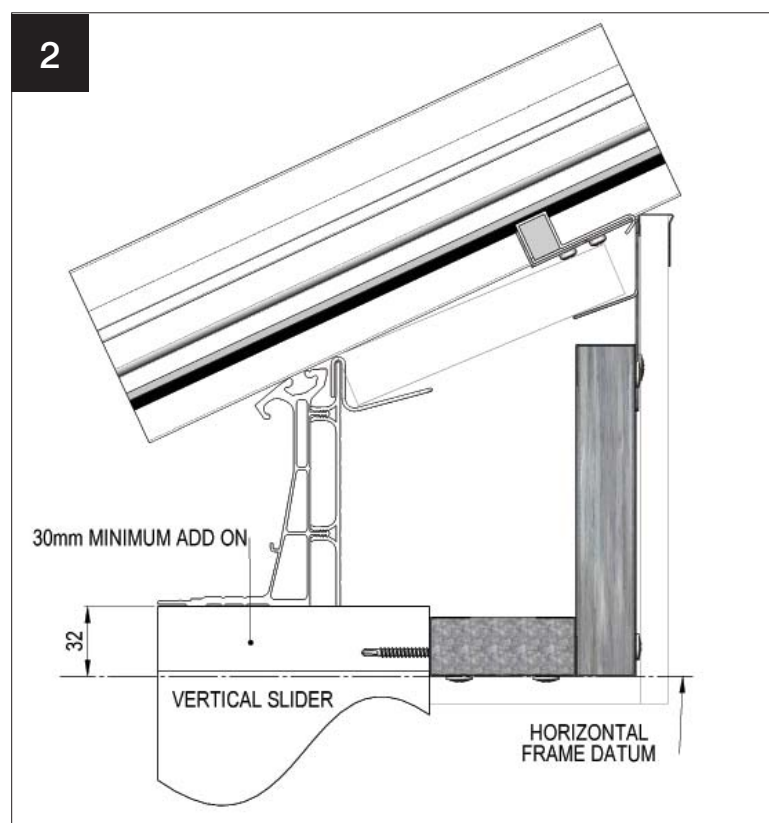
Contact Ultraframe technical support so that adjustments can be made to the framework.



ON FASCIA / VERTICAL SLIDER

1. PFTB Fascia requires cutting down by 6mm as shown above.
2. Overall eaves size, including PFTB is 86mm.
Timber packer required = Frame depth - 86
3. This size is also the deduction for LivinRoom horizontal frames

TIMBER PACKERS, TRIMS OR FRAME ADD ONS NOT SUPPLIED

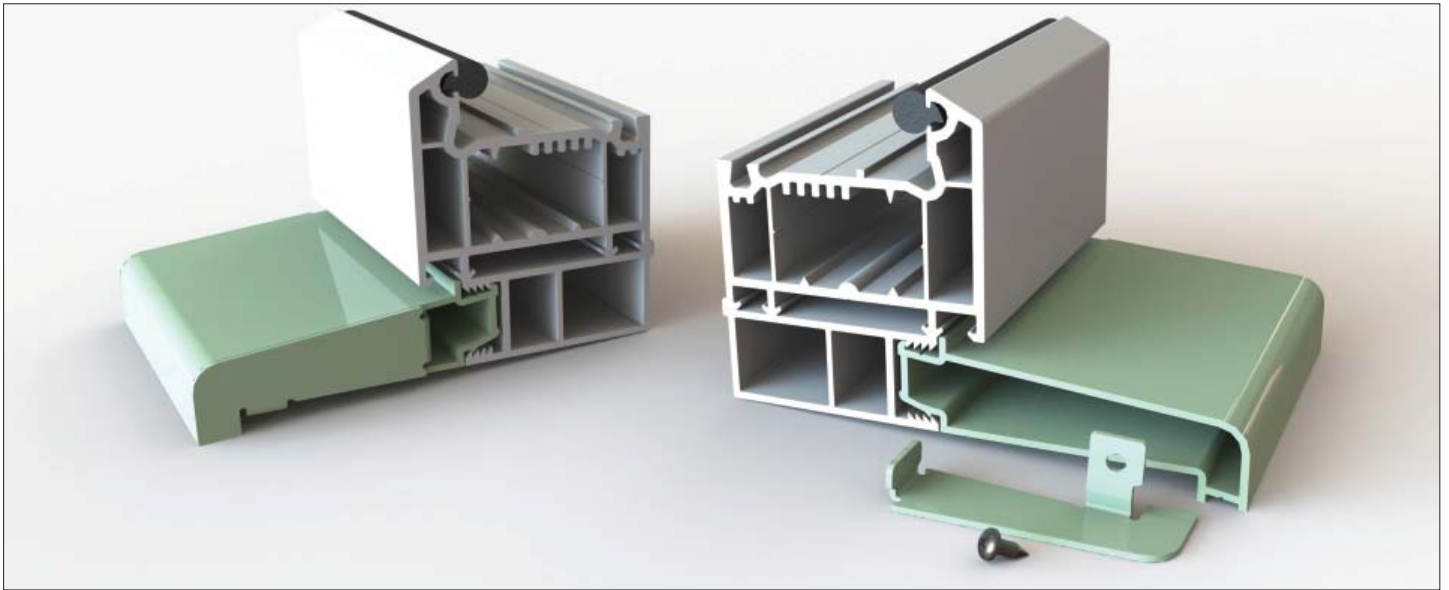


BELOW FASCIA / VERTICAL SLIDER

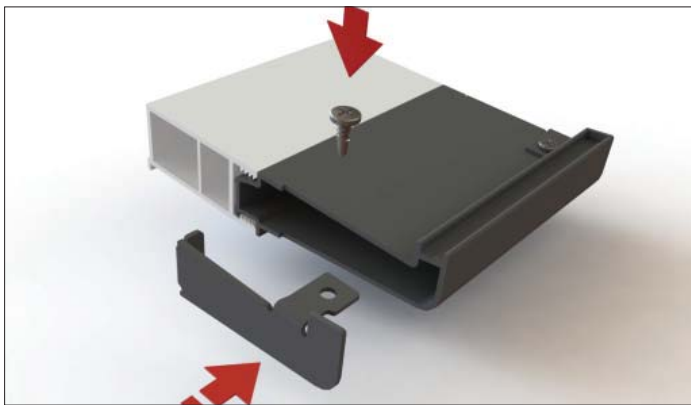
1. 30mm (minimum) add on is required above frames (as shown)
2. Horizontal frame is positioned 32mm below the underside of the eaves beam.

TIMBER PACKERS, TRIMS OR FRAME ADD ONS NOT SUPPLIED

CILL OPTIONS - 130MM ALUMINIUM CILL (ULTRAFRAME SUPPLIED)



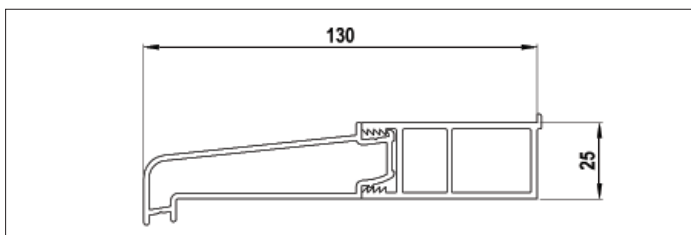
130mm aluminium cill with endcaps. This is supplied (when ordered) by Ultraframe.



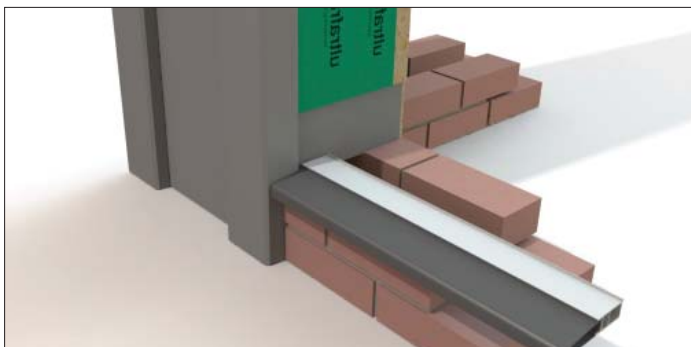
Attach endcaps as shown using self drill screw supplied.



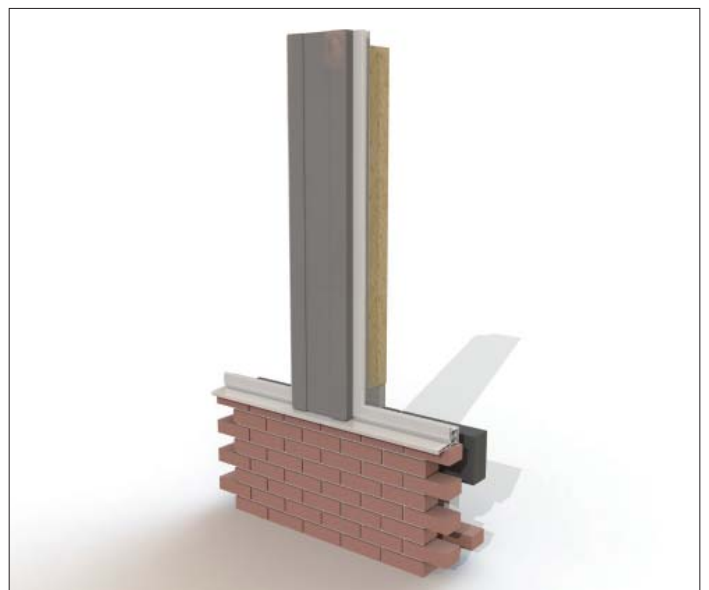
130mm cill has been designed so that it runs into the column claddings without any overhang or requirement for endcaps.



Overall dimensions of cill



Used between columns

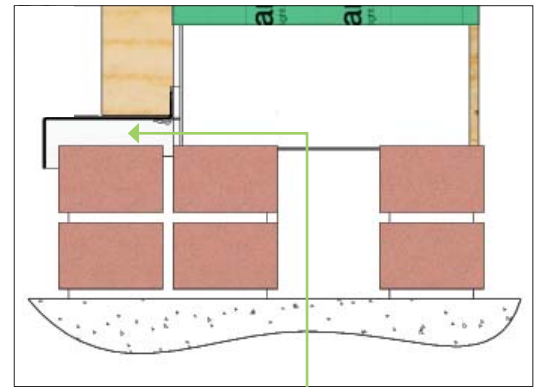


Inline column on wall

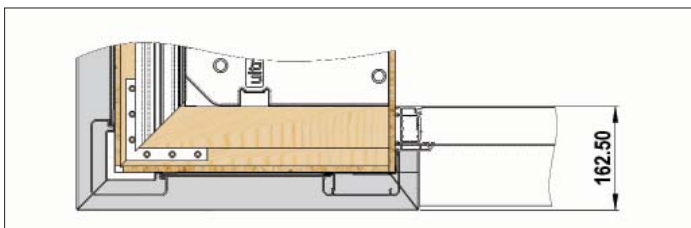
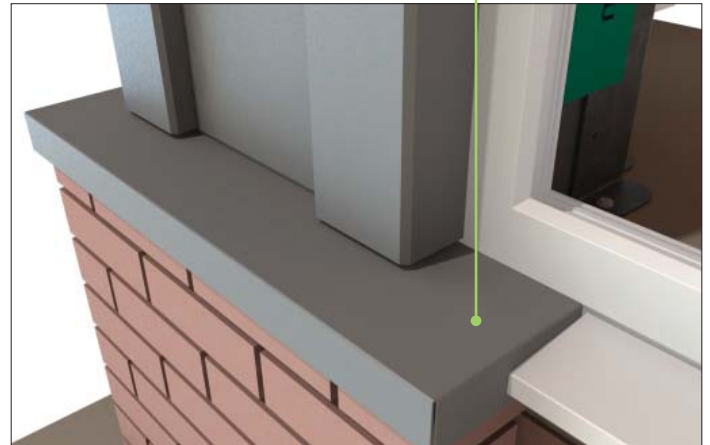
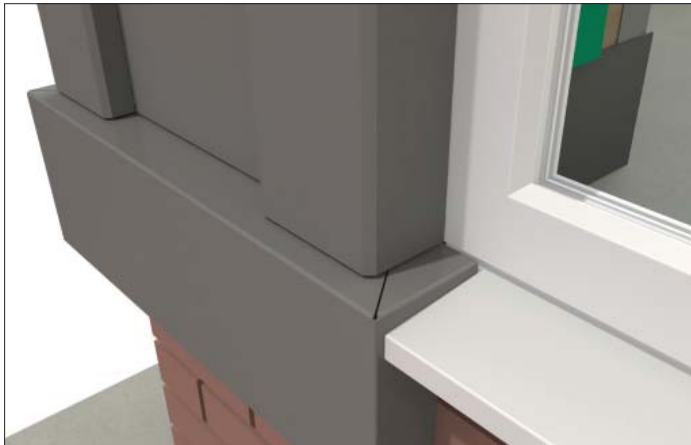
CILL OPTIONS - 150MM PVC CILL (NOT SUPPLIED BY ULTRAFRAME)



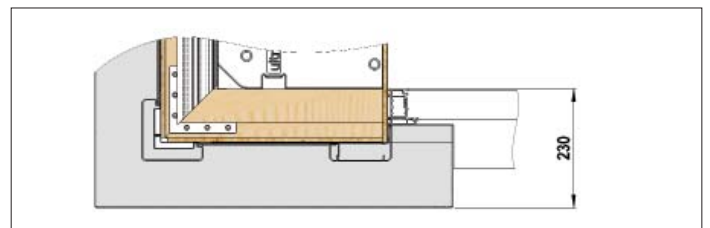
150mm PVC cill against large column. Endcaps are required as cill will overhang the column claddings



PACK TO SUIT

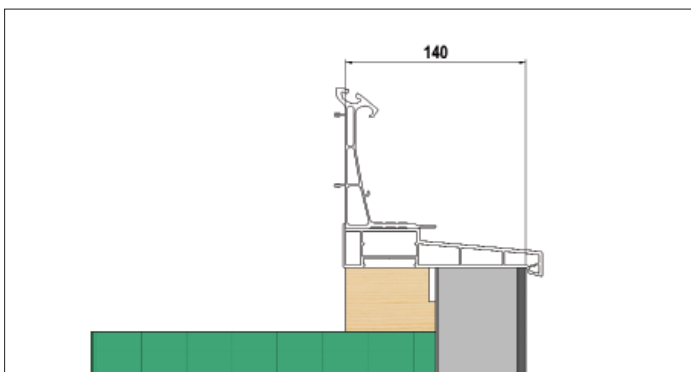


150mm cill against plinth. Both large and small plinths are the same projection



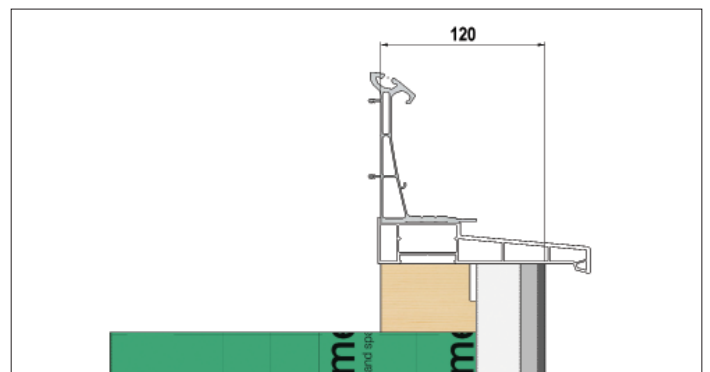
150mm cill against the brick plinth cap. Both large and small brick plinth caps are the same projection

CILL DETAILS AT TOP OF COLUMN



Large

Large column claddings require a minimum clearance of 140mm from internal frame line. Ensure that drip profile on nose of cill overhangs claddings sufficiently.



Small

Small column claddings require a minimum clearance of 120mm from internal frame line. Ensure that drip profile on nose of cill overhangs claddings sufficiently.

CORNICE DETAILING



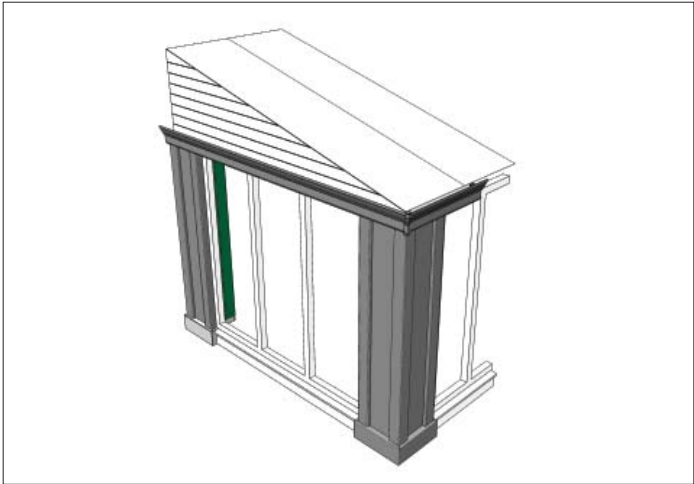
Hipped end



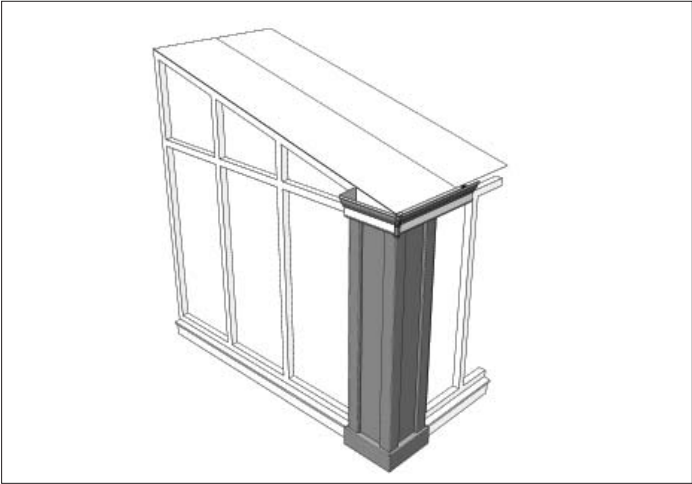
Self manufactured furring* - see illustration B on p31



Hipped end with abutment



Hipped end with abutment. This design uses Ultraframe’s Gable support beam - see illustration B on p31

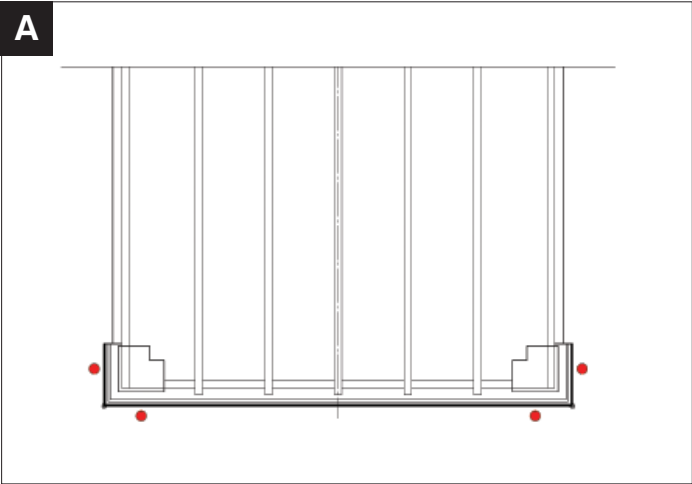


Raked frame - see illustration A on p31

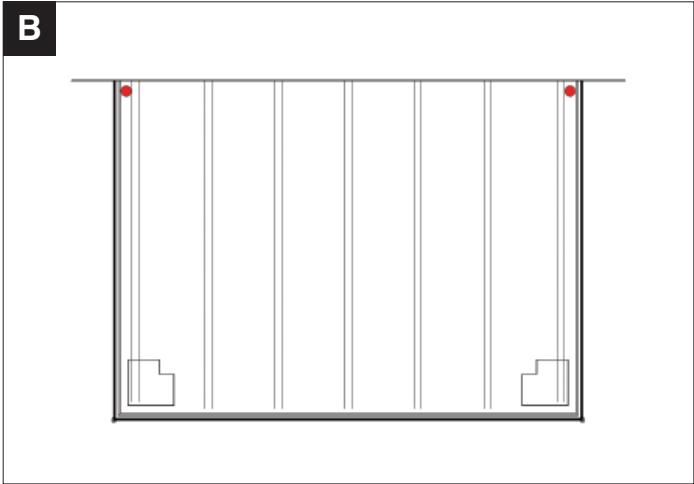
Options	Full return hip	Full return furring	Short return
Full height/dwarf walls	✓	✓	✓
Standard eaves	✓	✗	✗
Gable beam	✗	✓	✗
Inline columns	✓	✓	✗
Abutment columns	✓	✓	✗
Concealed downpipe	✓	✓	✗
Raked frames	✗	✗	✓
Furring*	✗	✓	✓

*Cannot be used with Classic low pitch or Ultraframe’s own firrings.

CORNICE AND RAINWATER PIPE POSITIONING



SHORT RETURN GABLE. If unable to return back to house wall use Elephants Trunk outlet (Cornice) or inline outlet for 67° obtuse round (cill) positioned centrally on column in one of the positions shown.



FULL RETURN GABLE. If no abutment column is specified or abutment column is not full height, use Elephants Trunk outlet (Cornice) or inline outlet for 67° obtuse round (cill) positioned centrally on column. Alternatively return the guttering to the house wall.



SHORT RETURN WITH CORNICE. If unable to return back to house wall use Elephants Trunk outlet positioned centrally on column.



SHORT RETURN WITH CILL. If unable to return back to house wall use inline outlet for 67° obtuse round, positioned centrally on column.

NOT RECOMMENDED



Return back to house wall applies to both Cornice and cill



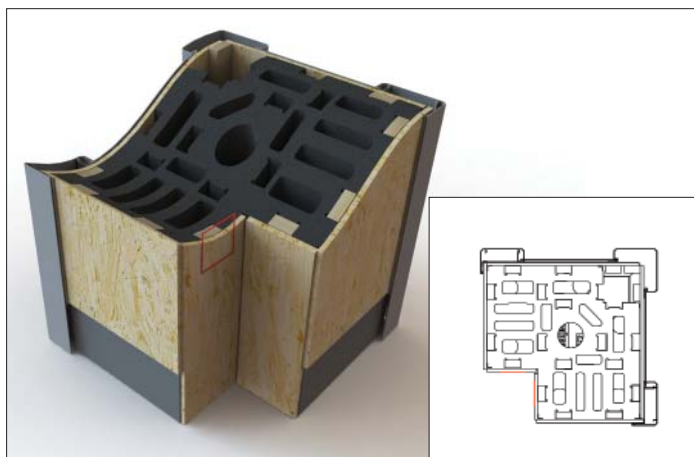
Elephants Trunk outlet. If it is not possible to have full height columns.



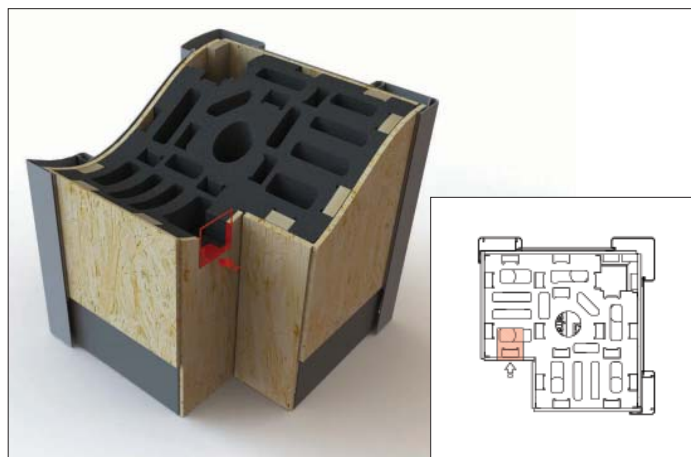
Concealed downpipe. Only available for full height columns. Requires specific base detail. (See page 13)

COLUMN WIRING AND CABLE DUCT POSITIONS

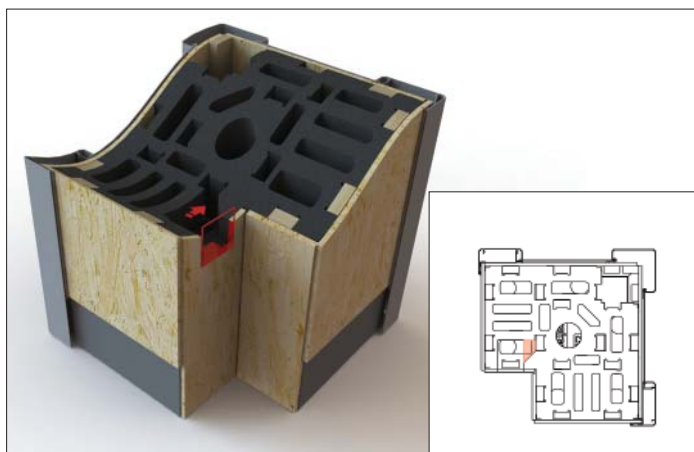
Any wiring must be completed by a qualified electrician and in accordance with latest IEE Regulations.



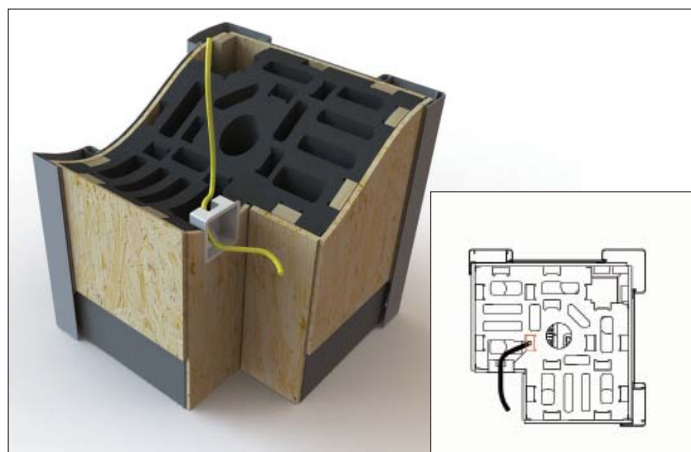
Mark position of back box central to face



Drill and cut through OSB, batten and polystyrene into chamber as shown.

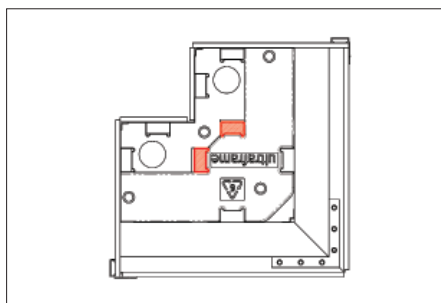


Using fingers or screwdriver, break through polystyrene wall into internal chamber

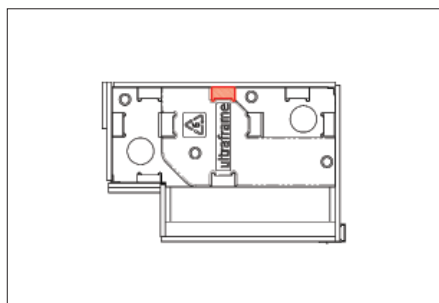


Feed cable down column through chamber shown and out through cutout.

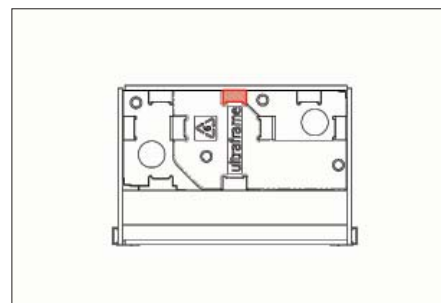
WIRING - POCKET POSITIONS



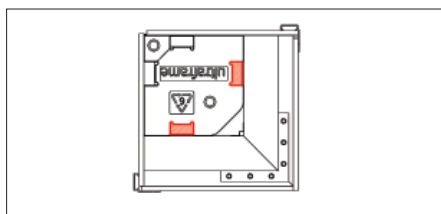
90° Corner column large



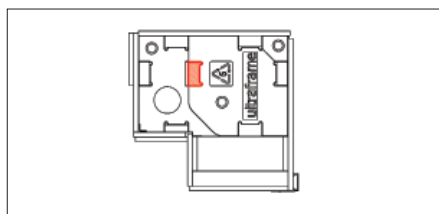
Abutment column large



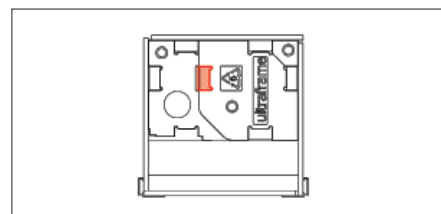
Inline column large



90° Corner column small

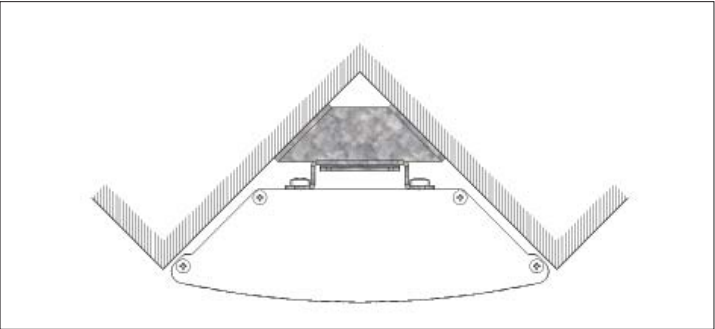
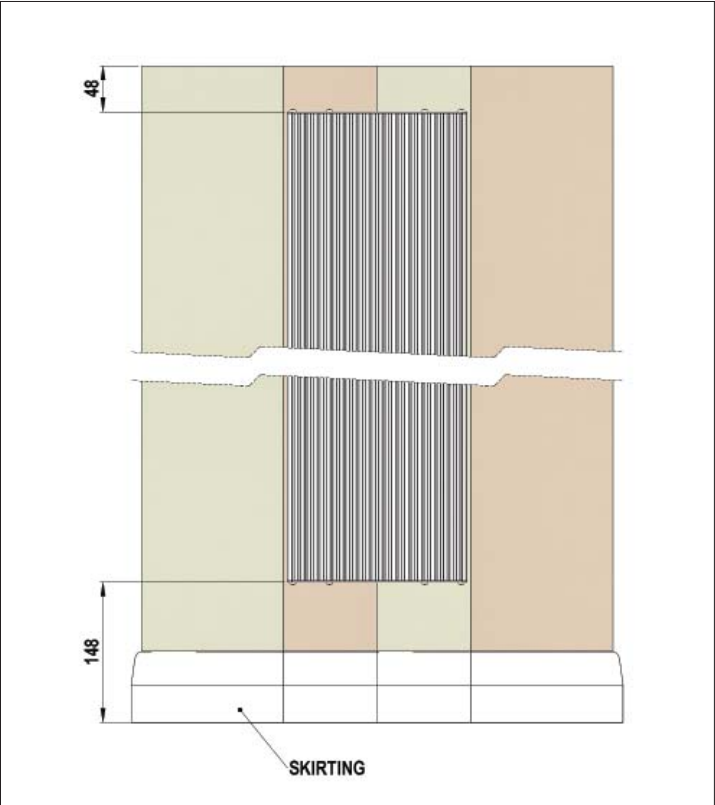


Abutment column small

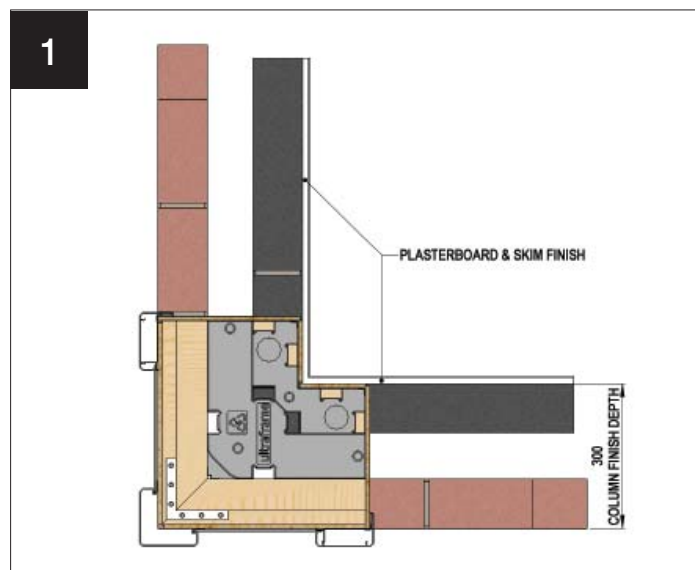


Inline column small

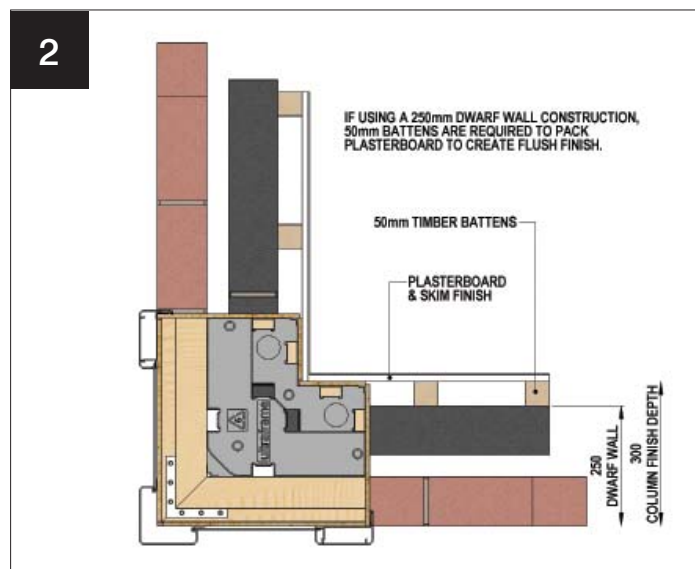
HEATER - SEE SEPARATE DATASHEET



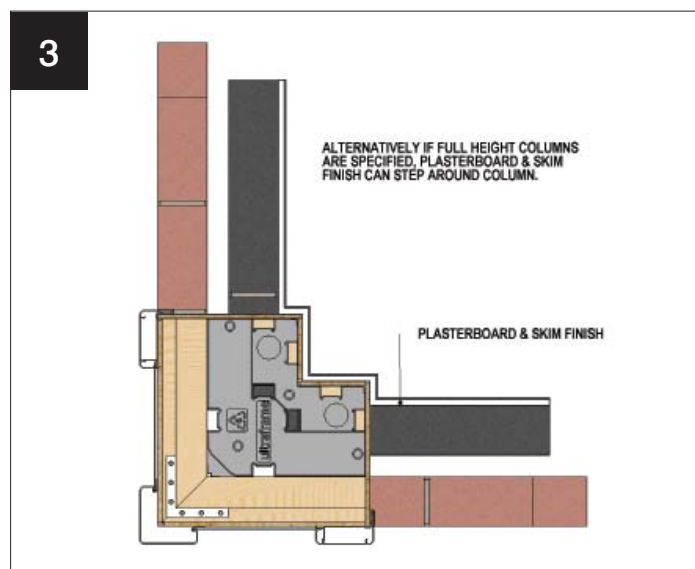
PLASTERBOARDING



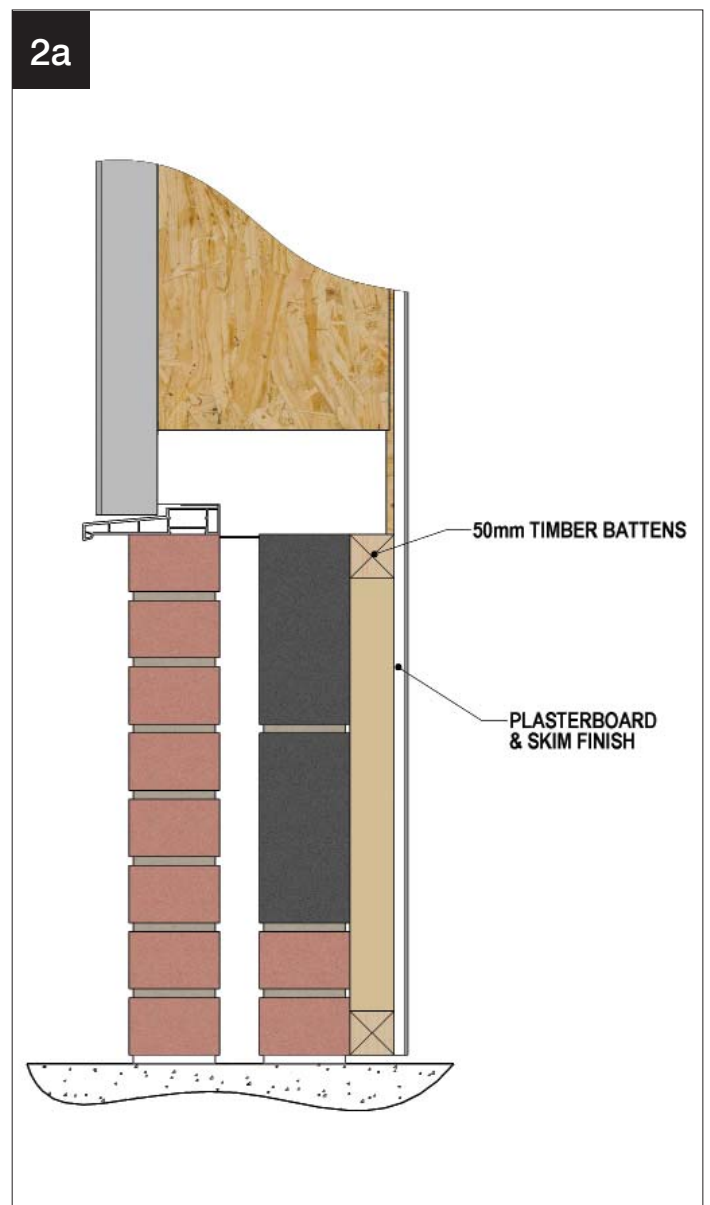
300mm WALL
Plasterboard directly to column and wall



250mm WALL
If using a 250mm wall, pack out plasterboard 50mm from column as shown



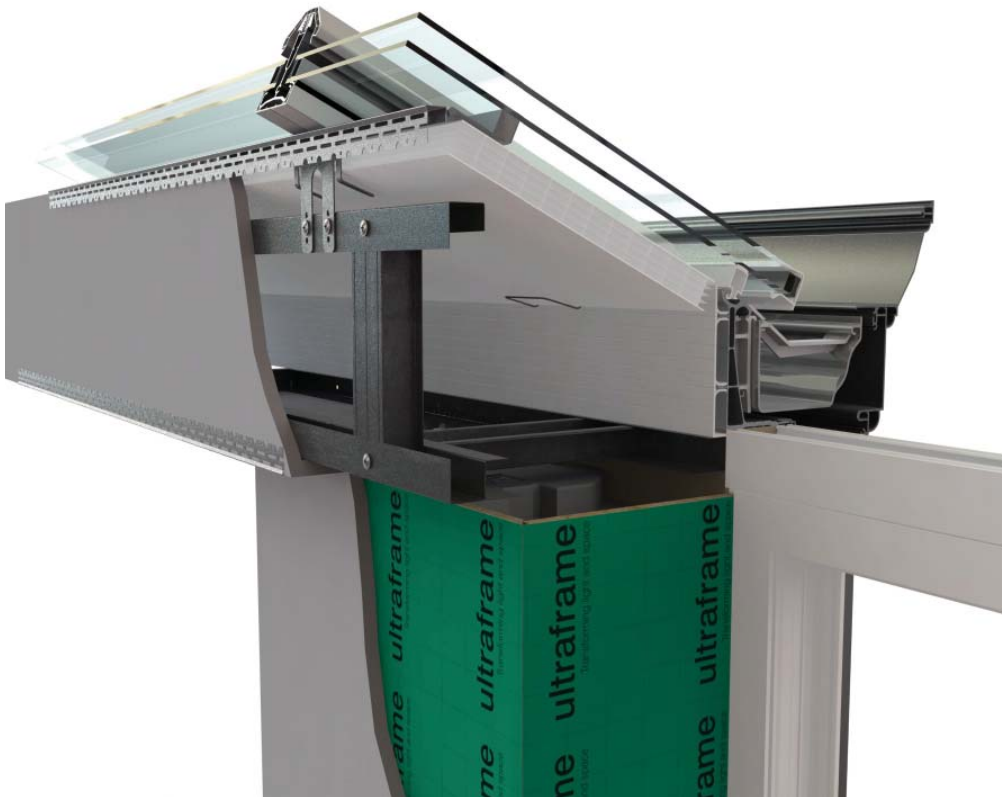
250mm WALL (full height columns)
If using full height columns with a 250mm wall, plasterboard can be stepped around the columns as shown.



NOTE: 12.5MM FOIL BACKED PLASTERBOARD SHOULD BE USED WHEN BOARDING COLUMNS

COLUMN INTERNAL FINISHING

Clearly showing interface between Loggia column, LivingRoom perimeter ceiling and roofing members.



Suggested finish if LivingRoom NOT specified

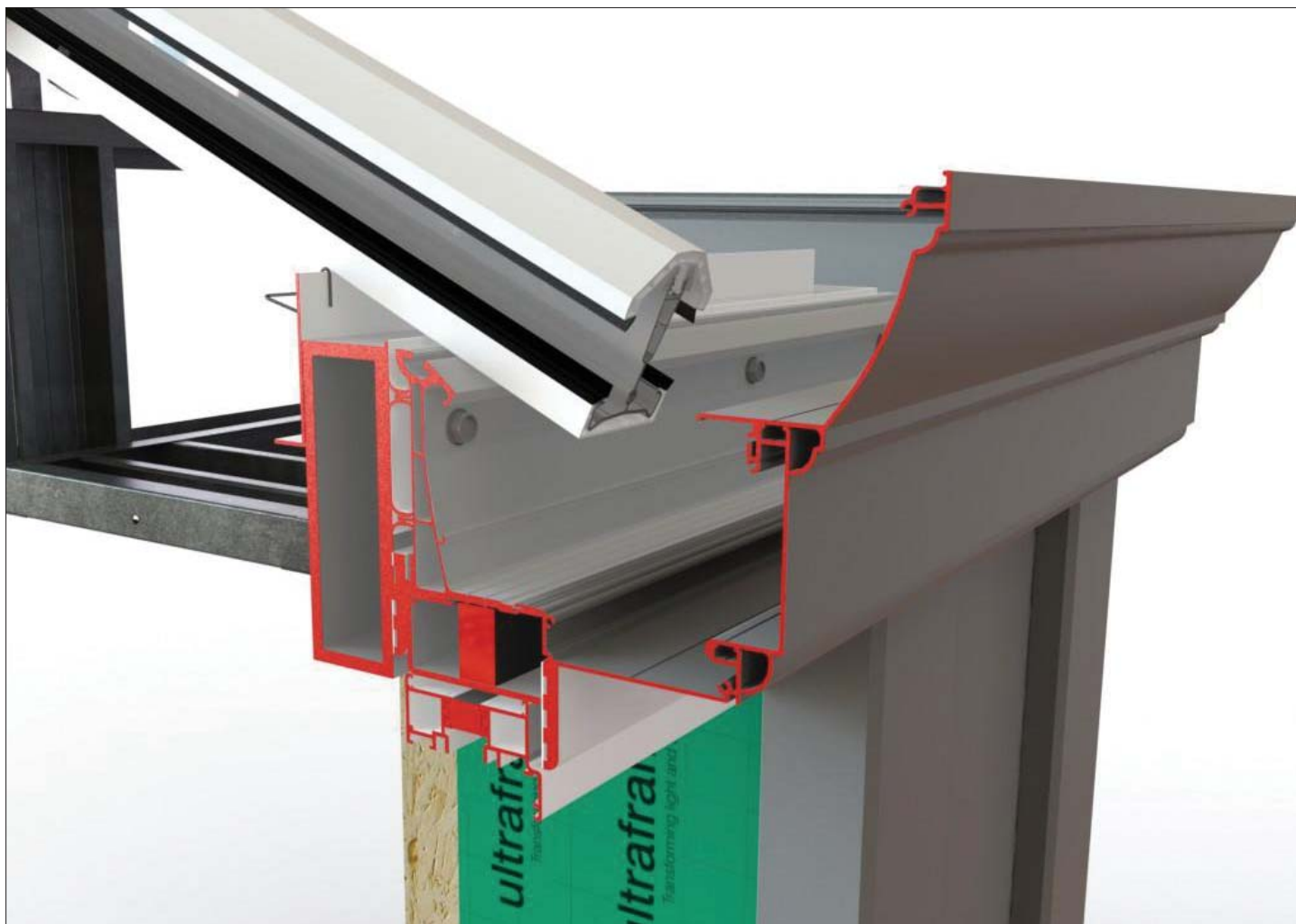


Timber Cap - exact finish at fitters discretion

CAPPING NOT SUPPLIED

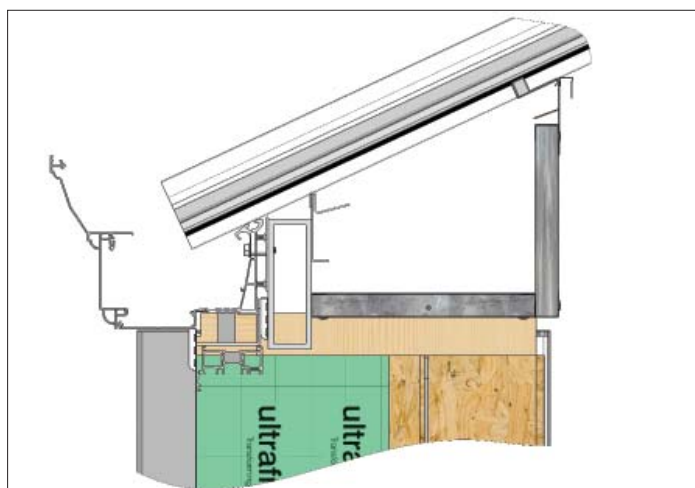
GOAL POST GENERAL ARRANGEMENTS

Please accept this general guidance - always 'engage' Ultraframe's Technical Support Team Structural Engineer at the earliest possible stage - call 0843 208 6953 or email techsupport@ultraframe.co.uk

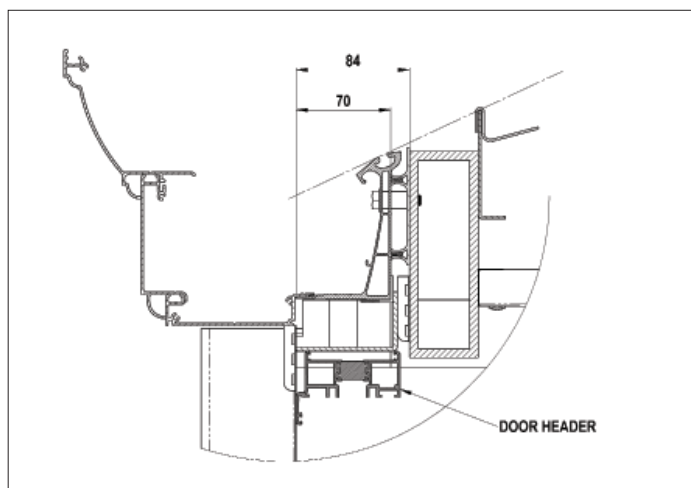


Typical reinforced and bolstered eaves beam ready to accept wide bifolding doors.

NOTE: Door frame should line up with outside of eaves beam to ensure that column claddings are not obstructed when fitted. The door is pushed against the column cladding clips and sealed down its length. Maximum frame depth of 80mm. If greater than 80mm, contact Ultraframe Technical Support Team for assistance.



Some on site finishing may be required - notching and cladding.

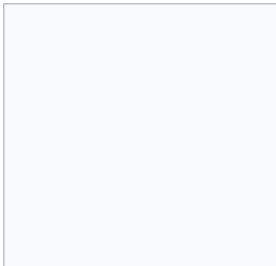
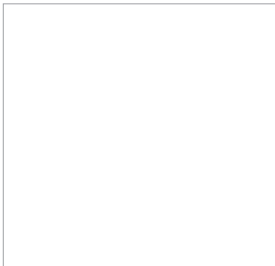





Area between Cornice / cill and door header frame will require cladding by the fitter on site.

PAINT FINISH AND COLOUR OPTIONS

Colour Options

Loggia and Cornice are available in two whites and these standard colours on a standard lead time (defined as the roof lead time).

				
DEEPLAS WHITE	CLASSIC WHITE	LANDMARK GREEN	PURE CREAM	URBAN GREY
INTERPON SC050E	RAL 9003	BS14C35	RAL 1015	RAL 7016
GLOSS 80%	GLOSS 80%	GLOSS 80%	GLOSS 30%	GLOSS 80%

Alternatively, and at an extra cost, Loggia and Cornice can be available in a wide range of RAL specified colours.

RAL colour chart



The Classic Roof can also be supplied in aluminium too, for perfect integration of materials and finishes.

Loggia columns and Cornice use architectural grade powder coating for the final paint finish.

There is a standard range of colours and in addition special RAL colours can be ordered (price on application). For marine environments, a special coating can be arranged if required and this will attract an additional charge – please notify Ultraframe at quotation stage.

Polyester powder coatings are not maintenance free – the extent of cleaning depends upon the local environment and the attitude of the consumer/homeowner. If the consumer wants a finish like a regularly cleaned car, then clearly regular cleaning is required. Stubborn marks should be removed by using asoft cloth and a renovating cream like CIF – once dry buff. For added protection, a wax polish can be applied up to twice per year. All paints will ‘chalk’ to some extent and there will be a reduction in gloss level over time.

Quality expectations on installation.

- Appearance. This is assessed based on the selection of the ‘significant’ (primary) surface. From a distance of 3m, stand at an oblique angle of 60degree and then defects such as blisters, runs, pin holes etc should NOT be seen.
- Colour and gloss. Viewed from 5m, the coating must be of even colour and gloss with good coverage.



Standard colour Pure Cream



Standard colour Landmark Green



Standard colour Urban Grey

ORDERING PROCEDURE & ORDER FORM

Creating a part code for each column you wish to order

Complete steps 1-6 to generate a part code and then insert onto the order form in the boxes provided. Remember to 'letter' each column code on your sketch against the code reference - eg. position A, position B etc

Example 6
part code

Step 2. **OCL** : **25** If OCL or OCS enter cill height here (in mm)
Step 2. **COL** : **2500** If COL or COS enter cladding length here (in mm) Default is 2500mm

Step 1. 90	Step 2. BPL	Step 3. 2100	Step 4. CRN	Step 5. ST	Step 6. W
------------	-------------	--------------	-------------	------------	-----------

Step 1. COLUMN POSITION						
STYLE	CORNER	INLINE	ABUTMENT LEFT	ABUTMENT RIGHT		
CODE	90	IN	ABL	ABR		
Step 2. SIZE AND BASE FINISH						
HEIGHT	BASE FINISH	LARGE	CODE	SMALL	CODE	
FULL HEIGHT AND DWARF	BRICK PLINTH CAP	CORNER	BPL	CORNER ONLY	BPS	
		INLINE				
		ABUTMENT				
	ON CILL (NOT ALLOWED FOR STRUCTURAL)	CORNER - FULL HEIGHT	OCLFP	CORNER - FULL HEIGHT	OCSFP	
		CORNER - DWARF ONLY		CORNER - DWARF ONLY		
		INLINE	OCL	INLINE	OCS	
		ABUTMENT		ABUTMENT		
		CLADDINGS ONLY (MAX 2500MM)	CORNER	COL (INSERT LENGTH ONLY IF CUSTOM)	CORNER ONLY	COS (INSERT LENGTH ONLY IF CUSTOM)
			INLINE			
	ABUTMENT					
	FULL HEIGHT ONLY	COLUMN PLINTH	CORNER	CPL	CORNER ONLY	CPS
			INLINE			
ABUTMENT*						

*NB. FOR ABUTMENT LEFT AND RIGHT ORDER INLINE AND CUT DOWN ON SITE

Step 3. HEIGHT (mm)					
1500	1650	1800	2100	2500	CUSTOM*

*NB. FOR SPECIALS OVER 2500mm CONTACT ULTRAFRAME

Step 4. TOP FINISH			
CORNICE ONLY (Standard eaves)	CORNICE ONLY (Super duty eaves)	CILL ONLY (Standard or super duty eaves)	CORNICE WITH CILL (Standard or super duty eaves)
CRN	CRNSD	CILL	CRNCILL

Step 5. STRUCTURAL	
LARGE CORNER, FULL HEIGHT COLUMN ONLY* NOT ALLOWED ON CILL	OTHER COLUMN TYPE
ST	LEAVE BLANK

*NB. COLUMN SUPPLIED WITH STRUCTURAL BRACKETS AND FIXINGS

Step 6. COLOUR					
CLASSIC WHITE	CLASSIC WHITE (DEEPLAS)	PURE CREAM	LANDMARK GREEN	URBAN GREY	*CUSTOM RAL NO.
W	D	CR	GN	GR	eg. '1234'

*NB. INSERT RAL NUMBER FOR A CUSTOM COLOUR

HOW TO PLACE AN ORDER FOR COLUMNS

- Sketch plan and elevations all angles must be 180/90°.
- Mark the positions of 90° columns, columns at host wall and any in-line columns.
- Letter each column position. Use the stock code generator and place the code next to each corresponding letter on the column code section of the form.
- Upon placement of your Loggia column order, an order confirmation is generated which must be signed and faxed back. The order confirmation will clearly show the overall opening sizes to allow frame size calculation / ordering.

The image shows a completed Loggia order form. It includes a sketch plan of a building with columns labeled A through Z. The form also contains a table of column codes and a section for the customer's details.

Order form example



PLEASE SKETCH HERE - Mark window, door and column positions/types
PLAN VIEW

FRONT ELEVATION

LEFT ELEVATION

RIGHT ELEVATION

CUSTOMER NOTE: Please carefully read the System Overview and Design Guide before filling in order details

ACCOUNT No.

Company Name

Order Number

Job Reference

Company Contact

Telephone No.

Fax No.

Delivery Address

.....

.....

Delivery Date Req

Quotation Ref

Site Postcode

HOW TO PLACE AN ORDER FOR COLUMNS

1. Sketch plan & elevations all angles must be 180/90°.
2. Mark the positions of 90° columns, columns at host wall and any in-line columns.
3. Letter each column position. Use the stock code generator and place the code next to each corresponding letter on the column code section of the form.
4. Upon placement of your Loggia column order, an order confirmation is generated which must be signed and faxed back. The order confirmation will clearly show the overall opening sizes to allow frame size calculation / ordering.

COLUMN CODES

A.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
B.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
D.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
E.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
F.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Continue on a separate sheet if there are more than six columns

ADDITIONAL COLUMN OPTIONS

ON CILL CLADDING BASE CUT: SQUARE CUT (No Rake) ☐ STANDARD Low Slope ☐ High Slope ☐

COLUMN INFILL OPTIONS: PLAIN INFILL ☐ FLUTED INFILL ☐
+5% cost uplift

COLOURED SILICONES (310ml)

PURE CREAM (RAL1015) ☐ DEEPLAS WHITE (SC050E) ☐ LANDMARK GREEN (BS14C35) ☐ URBAN GREY (RAL7016) ☐ N.B. To match 'Classic White' please use your own standard silicone

ANCILLARY EXTRAS

RADIANT HEATER PANEL ☐ BLK ☐ WT SELECT QTY COLUMN SUPPORT STRAPS ☐ SELECT QTY BOX GUTTER ADAPTORS ☐ SELECT QTY

HEATER CONTROLLER ☐ LHC001 ☐ LHC005 SELECT 130mm ALUMINIUM CILL ☐ SELECT QTY CONCEALED DOWNPIPE KIT ☐ SELECT QTY

BRICK TIES ☐ SELECT 130mm CILL END CAP L/R ☐ SELECT QTY BRICKWORK SETOUT POST ☐ SELECT QTY

PLEASE SIGN BELOW & FAX BACK TO 0843 208 6944 (quotes) or 0843 208 6945 (orders)

SIGNED

DATE



Loggia Prestige



Loggia Premium



Loggia Ultimate

QUANTAL

www.quantal.co.uk

ultraframe
Transforming light and space

www.ultraframe.co.uk