

# ultraframe

Transforming light and space

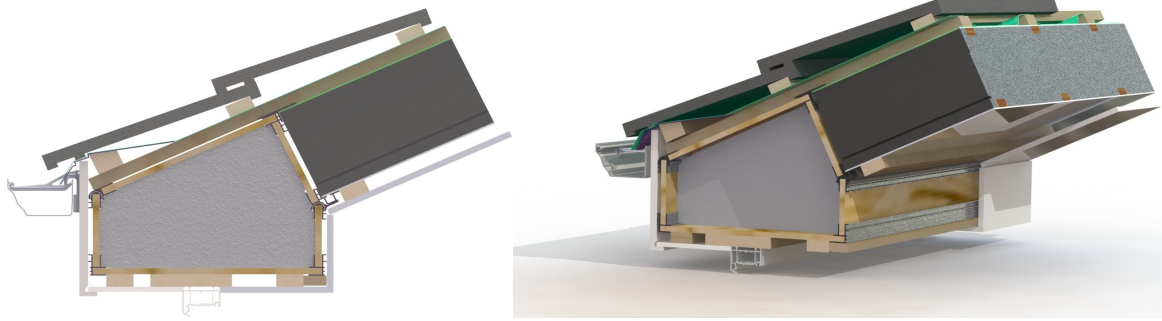


**realROOF**  
by ultraframe

Installation Guide  
Version 1 | April 2014

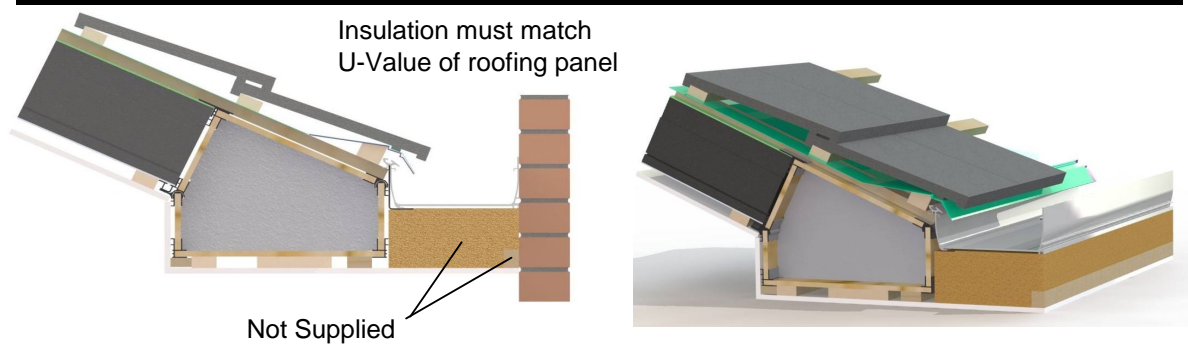
## Typical Section Through Box Beam

2971 Sections 1



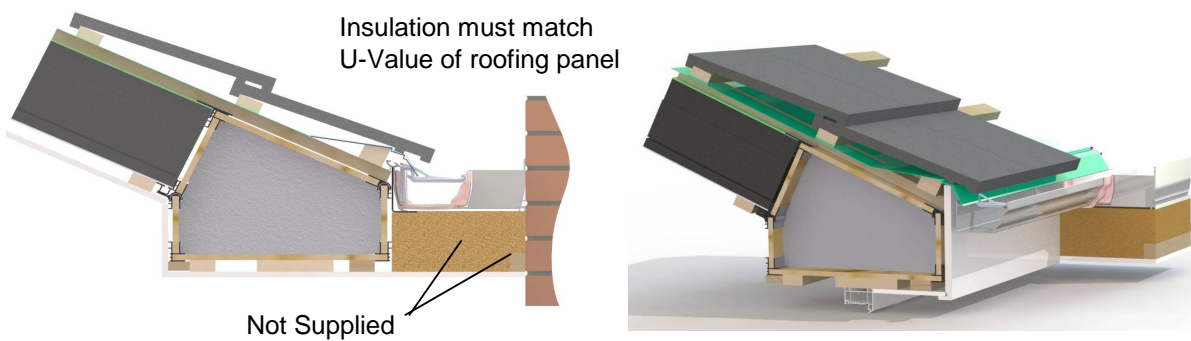
## Typical Section Through Box Gutter at House Wall

2971 Sections 2



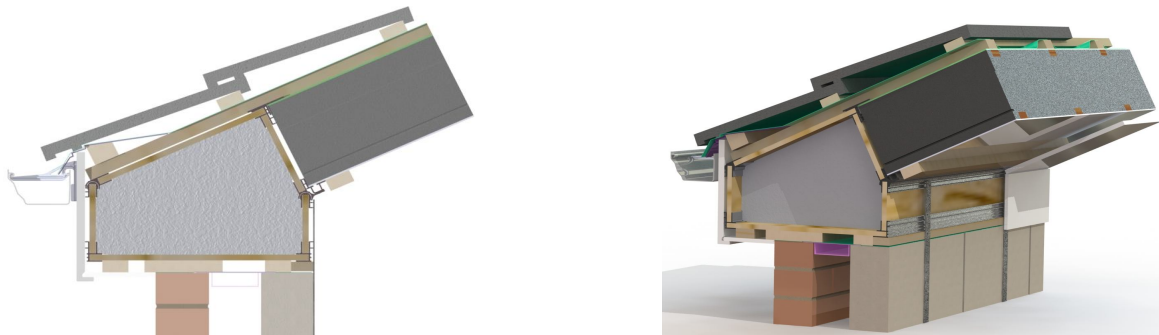
## Typical Section Through Box Gutter

2971 Sections 3



## Typical Section Through Box Beam on Brickwork

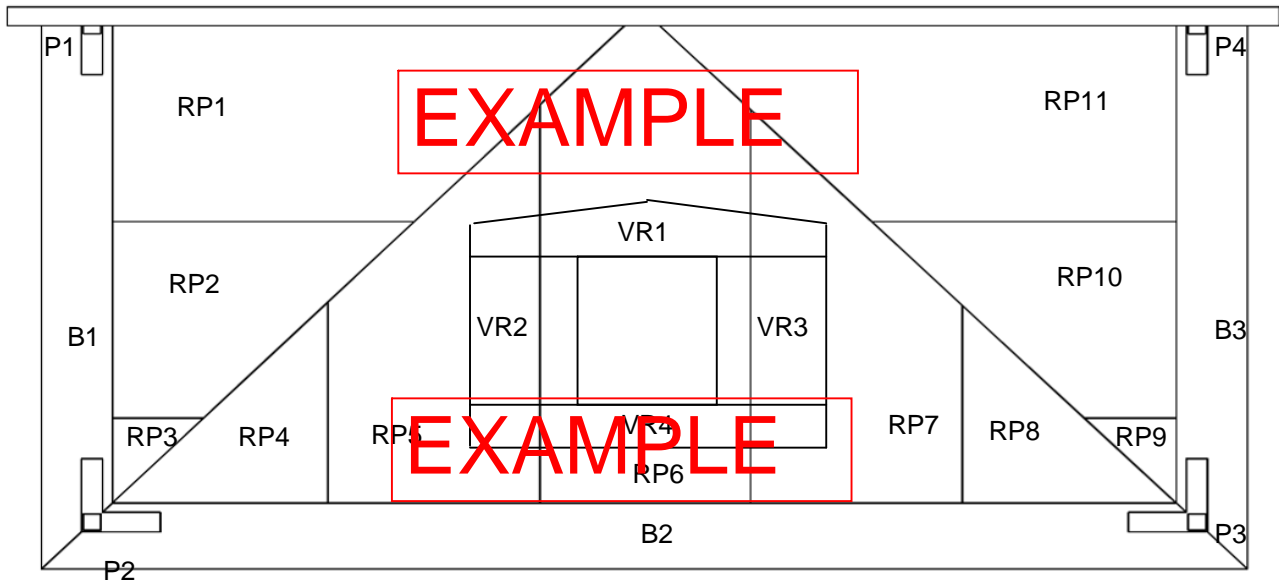
2971 Sections 4



All Images Are For Illustration Purposes Only

# Location Plan Example

2971 Location 1



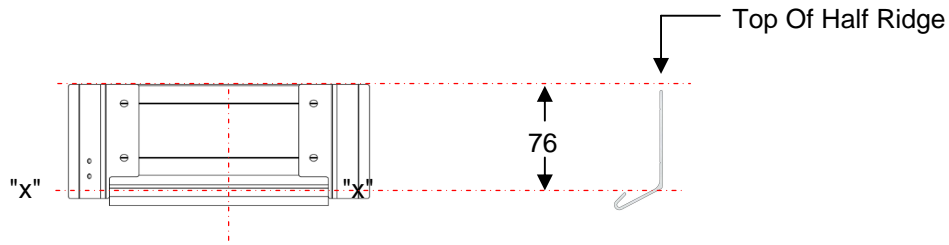
P	Indicates Structural Post Positions
B	Indicates Box Beam Position
RP	Indicates Roof Panel Positions
VR	Indicates Roof Vent Reinforcement Positions

All Images Are For Illustration Purposes Only

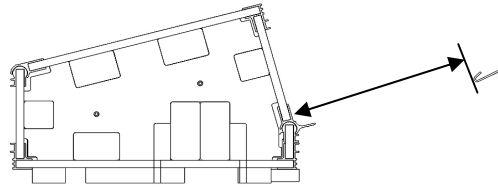
# WALL SET OUT

2971 Set Out 1

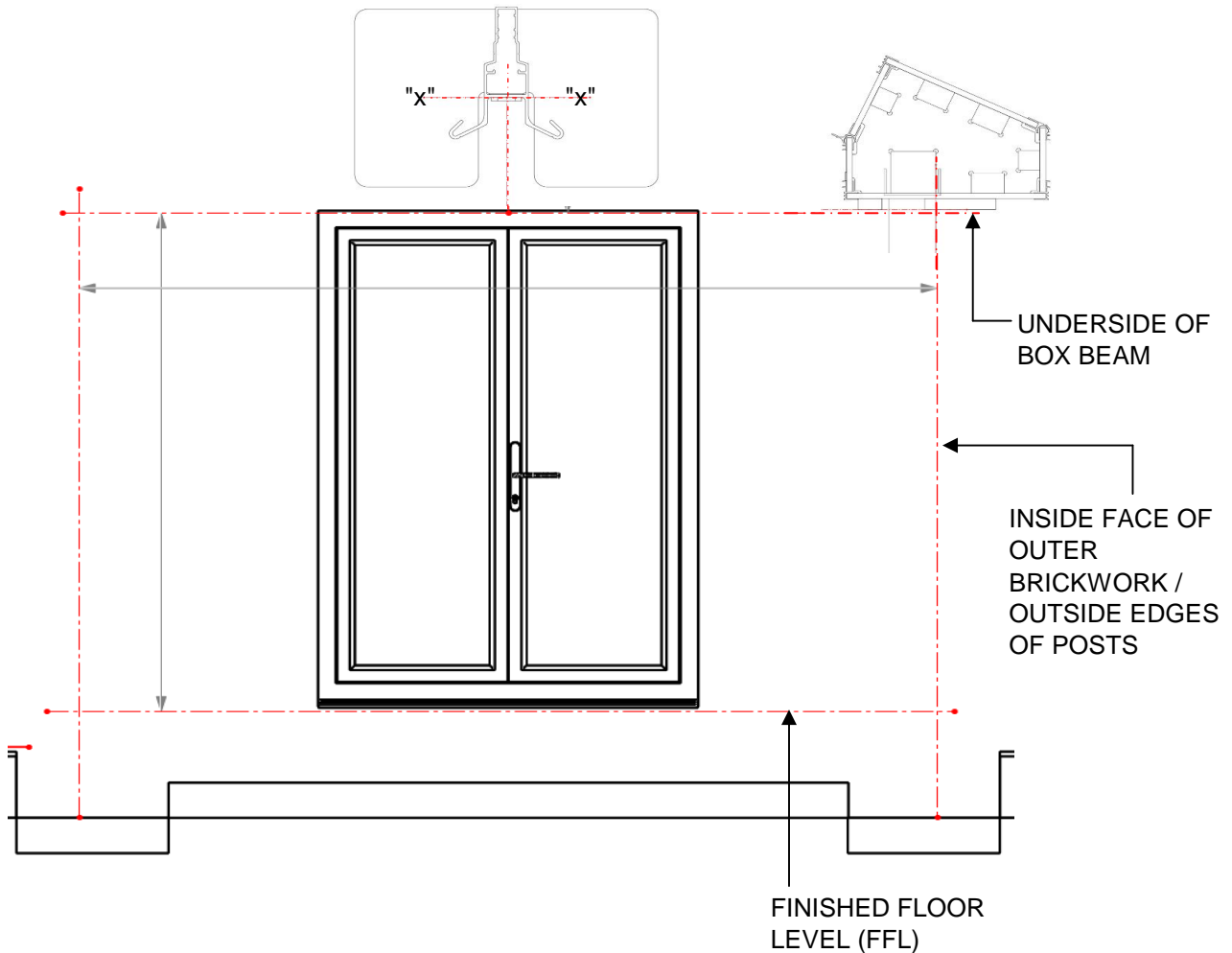
If Using a Half Ridge The Vertical Position is 76mm Above "x"-"x"



On a Half Ridge, Also Check The Distance Between Box Beam and Half Ridge



If Using a Full Ridge The Vertical Position Of The Hanger Plate and Ridge are on "x"-"x"



All Images Are For Illustration Purposes Only

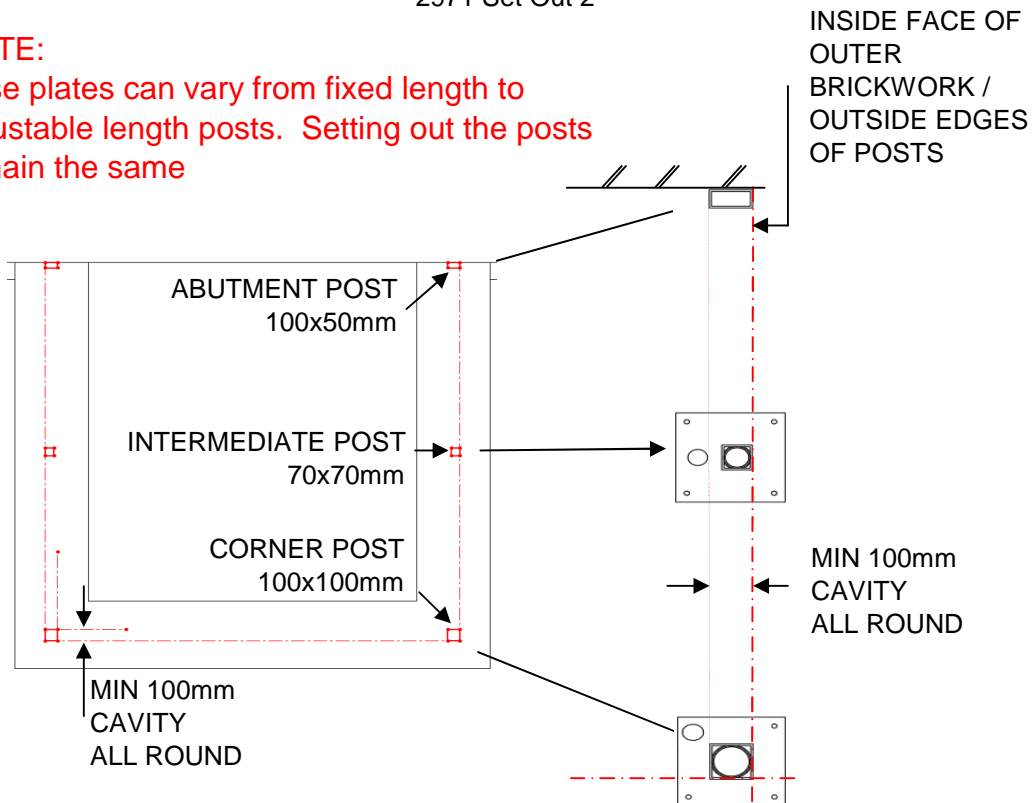


# POST SET OUT

2971 Set Out 2

## NOTE:

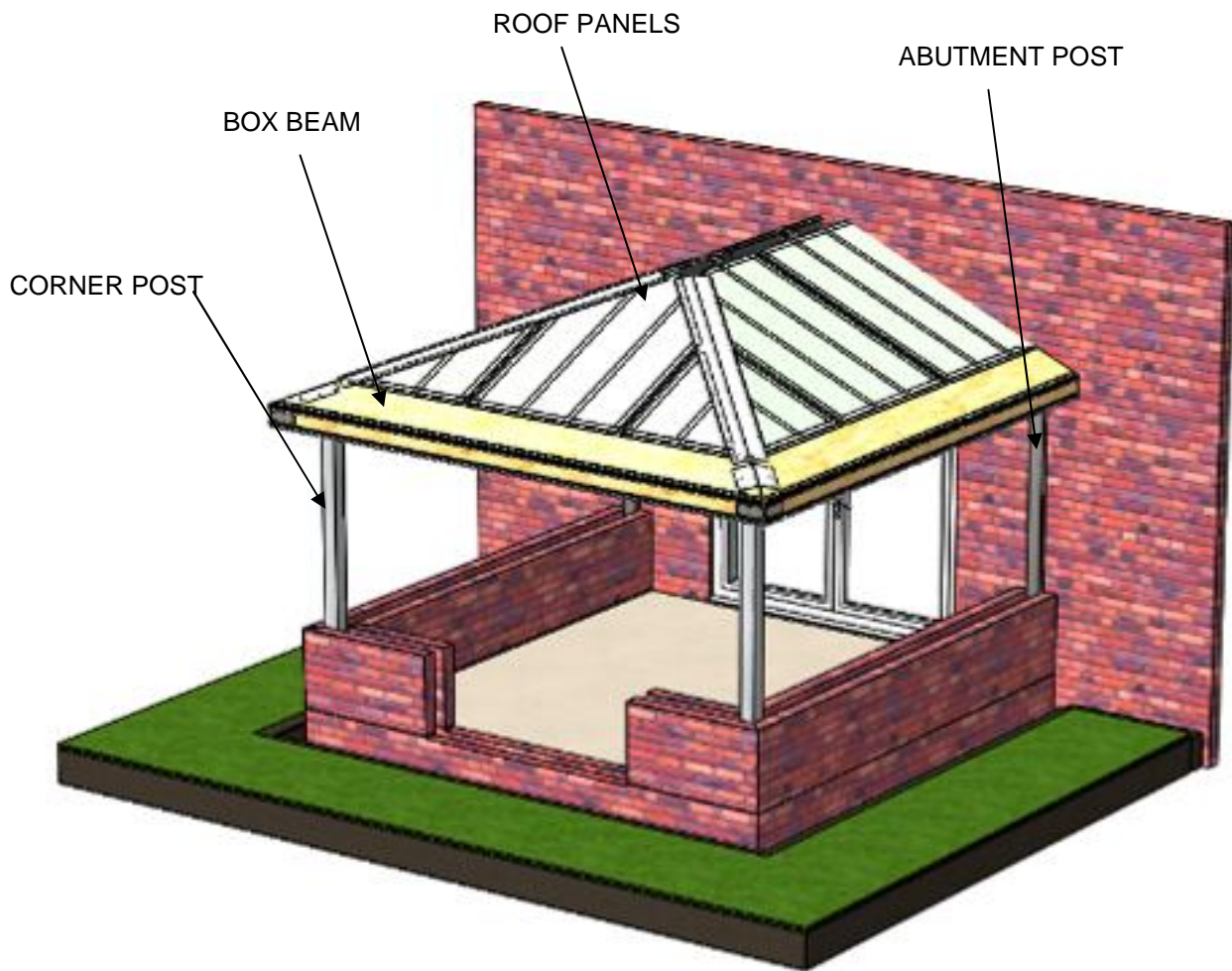
Base plates can vary from fixed length to adjustable length posts. Setting out the posts remain the same



## FOUNDATION DRAWING

# On Posts Install Guide

2971 On Post 1



All Images Are For Illustration Purposes Only

# On Posts Install Guide

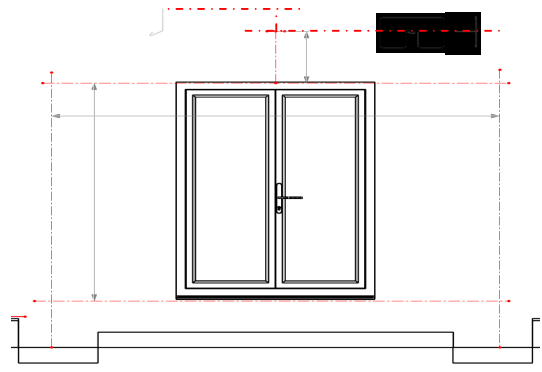
2971 On Post 2

1



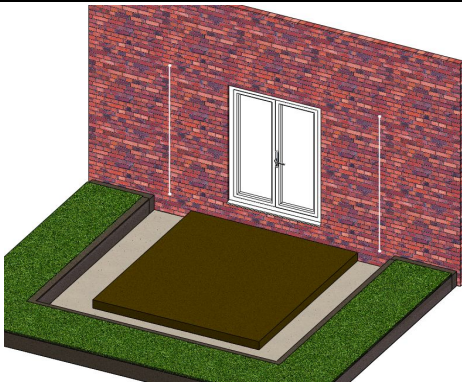
Mark out building sizes on wall, as per set-out plan sent with the roof (See No.2)

2



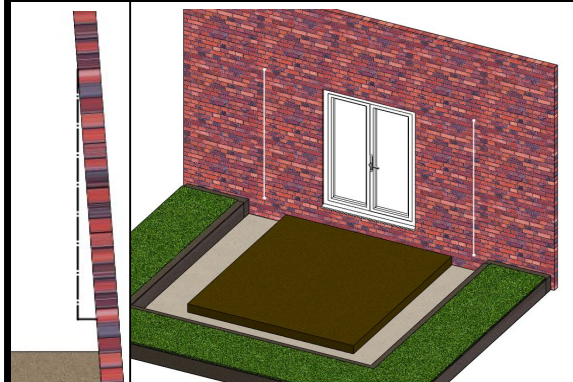
Use the "Wall Set Out Plan" supplied, for the setout dimensions

3



Dig out foundations

4



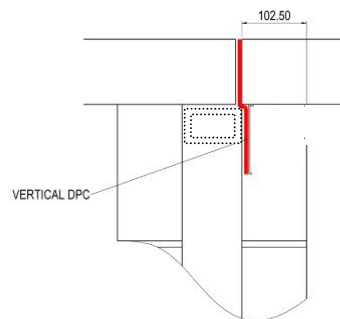
Plumb existing wall to establish datum point for set out

5



Cut out for vertical DPC

6

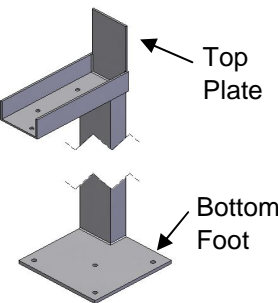
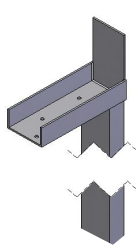


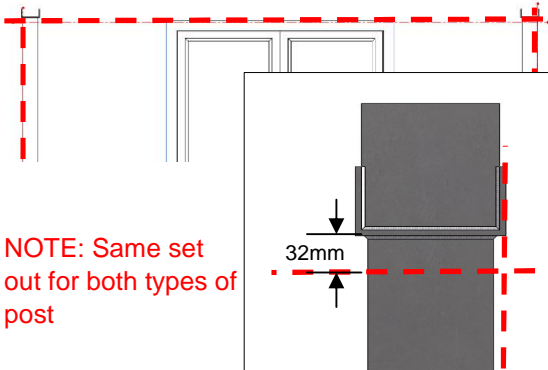
Fit Vertical DPC

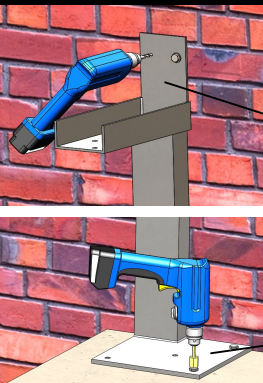
All Images Are For Illustration Purposes Only

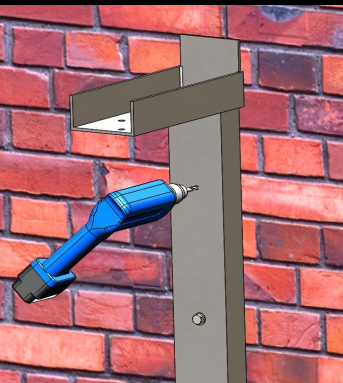
# On Posts Install Guide


2971 On Post 3

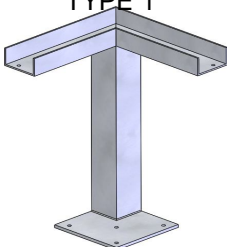
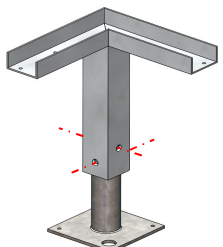
7	With Foot (LH + RH)	Without Foot
 <p>Top Plate</p> <p>Bottom Foot</p>		
TYPE 1	TYPE 2	
<p>Fit abutment posts.</p> <p><b>Note: There are two types as above</b></p>		

8
 <p><b>NOTE: Same set out for both types of post</b></p> <p>32mm</p>
<p>Align abutment posts with markings, <b>NOTE:</b> abutment post is dimensioned from the underside of the channel and is set 32mm from the underside of box beam</p>

9	With Foot (LH + RH) TYPE 1
 <p>Top Plate</p> <p>Bottom Foot</p>	<p><b>NOTE: DO NOT FIX THROUGH FACE OF POST</b></p>
<p>Securely fix through bottom foot into foundations and top plate into existing wall (Top plate fixings not supplied)</p>	

10	Without Foot TYPE 2
	
<p>Securely fix through front face of post into existing structure (Fixings not supplied)</p>	

11
<p><b>Note:</b></p> <p><b>If Abutment Tie Strap Needed Fit Now. See Page..</b></p> 
<p>Fit the second abutment post, repeat previous steps</p>

12	FIXED LEG (PORTAL)	ADJUSTABLE LEG
TYPE 1	TYPE 2	
	 <p><b>To be set on site</b></p>	
<p>Fit corner, intermediate, gable + masonry posts.</p> <p><b>Note: there are two types of each post as above</b></p>		

All Images Are For Illustration Purposes Only



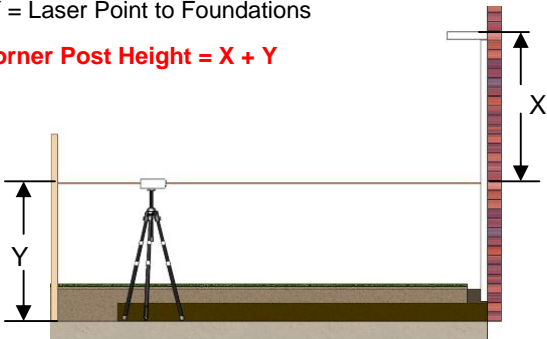
# On Posts Install Guide

2971 On Post 4

## 13 IF ADJUSTABLE LEG USED

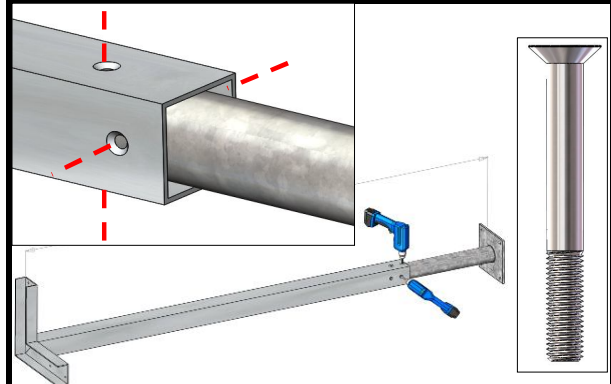
X = Laser Point to Mounting Face of Abutment Post  
Y = Laser Point to Foundations

**Corner Post Height = X + Y**



Fix corner post, use a laser level to establish the height of the corner post. The top of the corner post must be level with the top of the abutment post.

## 14 IF ADJUSTABLE LEG USED



Adjust height of post by sliding out the bottom leg. Drill through and fix the foot to the post by bolting securely at the two positions indicated

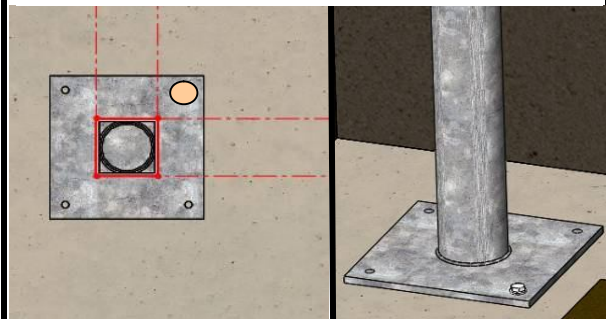
## 15



Use the post setout guide to position the other posts. Temp fix posts into position as per No.16

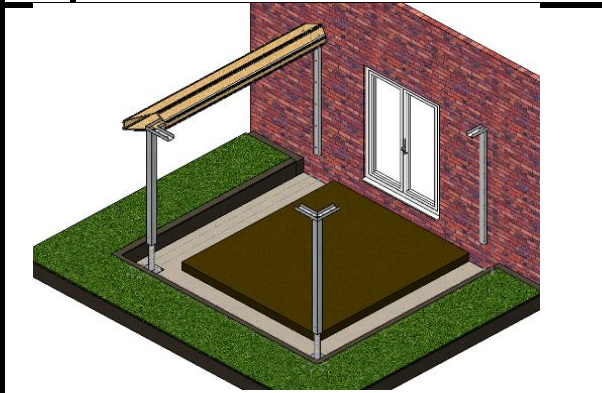
## 16

**NOTE:** The Post should be located in the cavity between the inner and outer leaf of brickwork



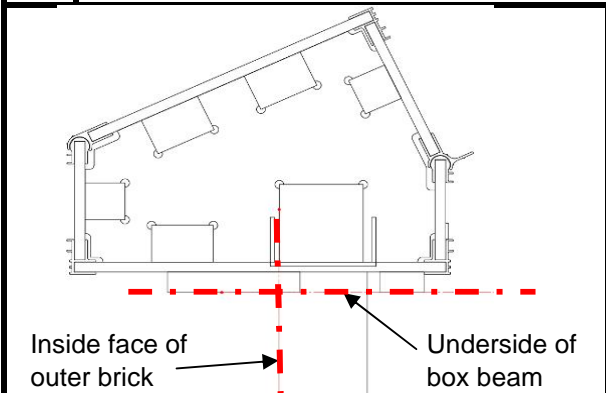
For future adjustment, temp fix the foot of the post into the foundations through the large hole using a large diameter washer.

## 17



Fit box beams, position and temp fix first side box beam onto the posts. No.16,17,18,19

## 18



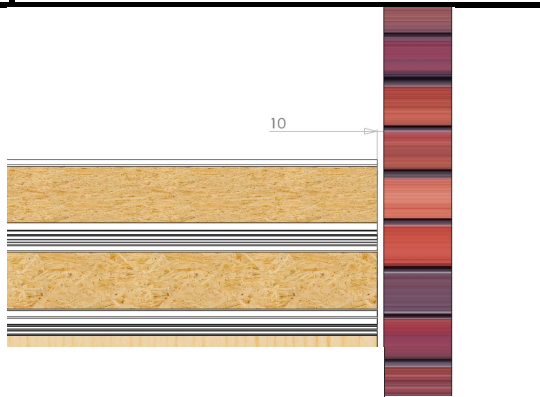
The box beam should line up with the markings as shown

**All Images Are For Illustration Purposes Only**

# On Posts Install Guide

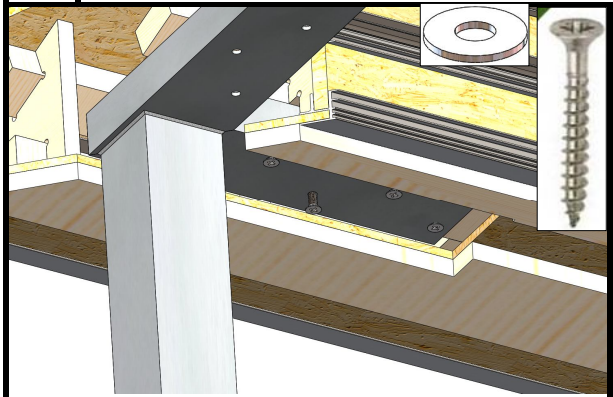
2971 On Post 5

19



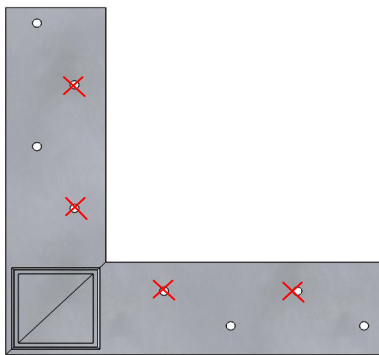
Box beam is nominally set 10mm from the wall.  
(Allowed for onsite tolerances)

20



Temp Fix into the box beam using the screw and washer this allows some stability when fitting the other box beams as per No.19

21



Ensure you temp fix through one of the holes nearest to the inside of the new building.

22



Fit second box beam as previous steps

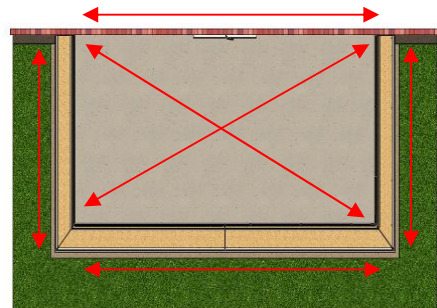
23

**NOTE: If the beams are going to be left over night then they must be covered**



Repeat for the remaining beam. Check box beam for; POSITION (No.22), LEVEL (No.23) and ALIGNED AT CORNERS (No.24)

24



Dimensionally check box beam position, both diagonals and side to side.

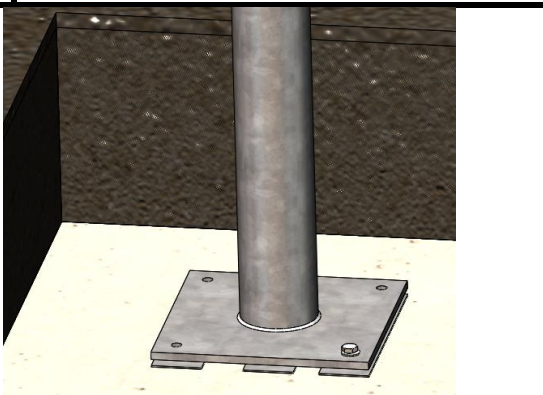
All Images Are For Illustration Purposes Only



# On Posts Install Guide

2971 On Post 6

25



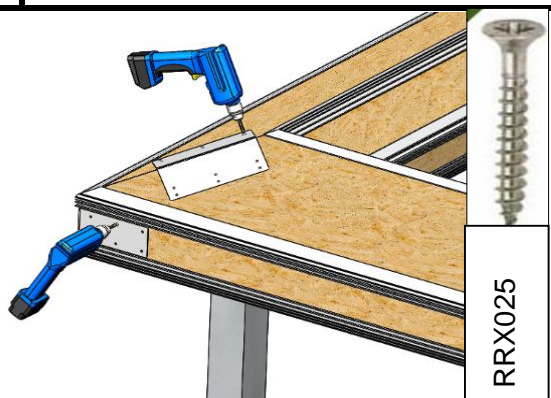
To level box beam shim under post as required.  
NOTE: Use suitable shims and grout in as required  
(Shims not supplied)

26



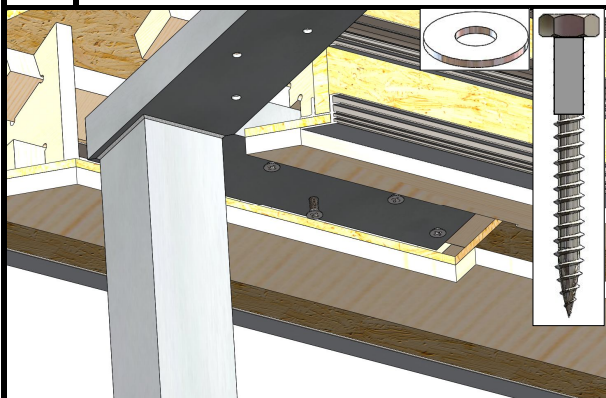
Ensure that the box beams are level (best to check face "X")

27



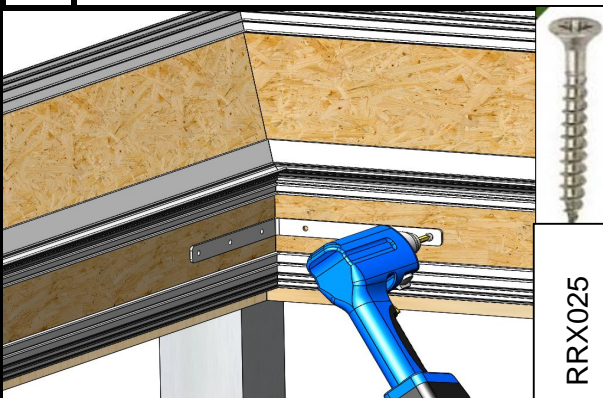
Fix external corner bracket then fix top bracket using the screws supplied

28



Fix all posts to box beams. Firstly drill 10mm Counter bore x 15mm Deep, then 7mm Pilot hole Thru, to allow for coach screw diam

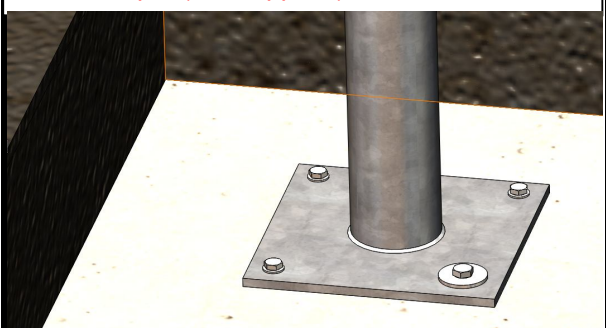
29



Fix internal corner bracket. (NOTE only on roofs over 20degrees, there will be an internal corner bracket to attach )

30

NOTE: Longer fixings may be required depending on shim depth (Not supplied)



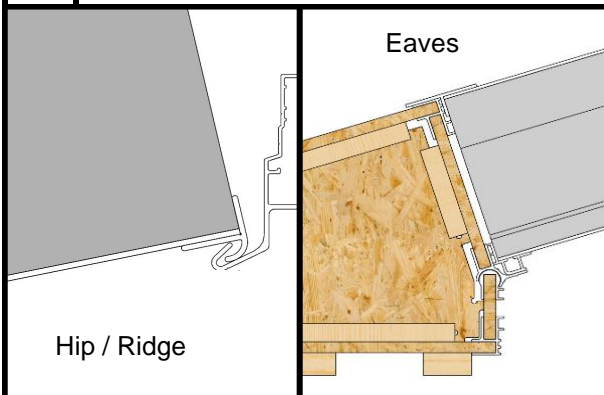
Securley fix foot to foundations using the 4 Off Bolts supplied per foot.

All Images Are For Illustration Purposes Only

# On Posts Install Guide

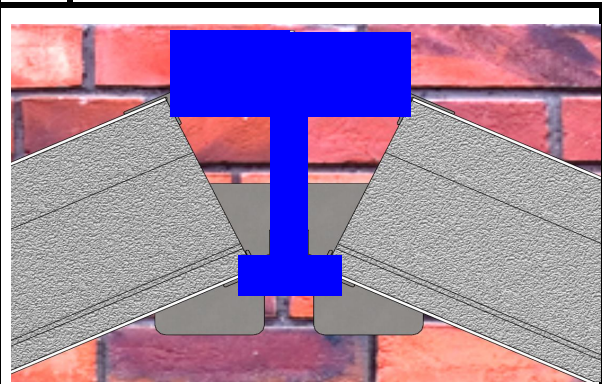
2971 On Post 8

37



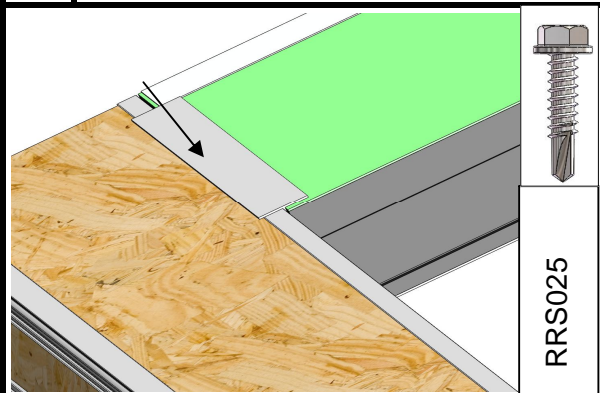
Ensure that the panels are hooked in position as shown

38



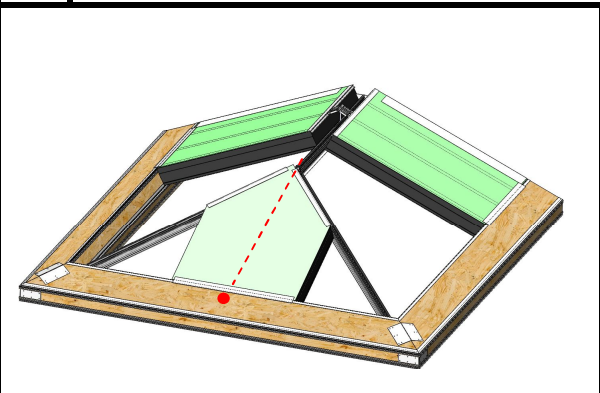
Fit the ridge hinge assembly

39



Temp fix panels adjacent to existing wall, Screw down through "T" section. One screw per panel

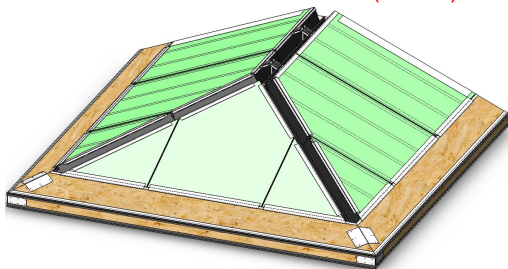
40



Adjust and level ridge, then fit front panel. Marking the centre line of the panel to centre line of the box beam

41

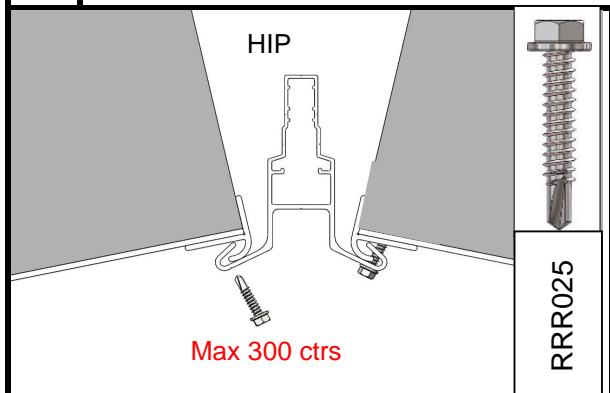
**REMOVE TEMP FIX STRAP (No.32)**



**NOTE: THERE IS A 4mm NOMINAL GAP BETWEEN PANELS**

Fix ridge hinge assemblies, then fix rest of panels

42



Fix panels to hip bars, screw up through the hips into the panels (Making sure the fixings go through the aluminium extrusions)

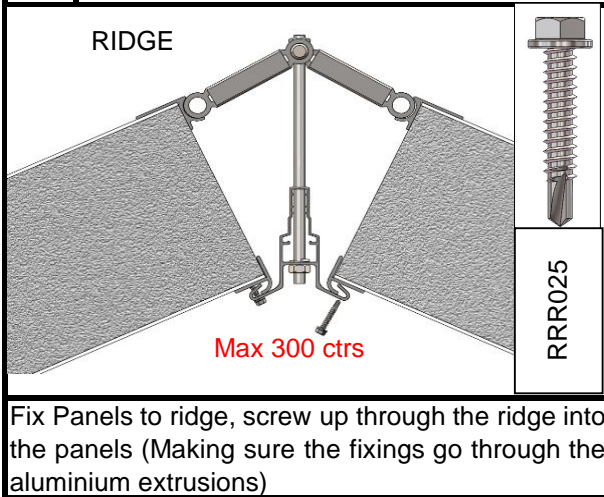
**All Images Are For Illustration Purposes Only**



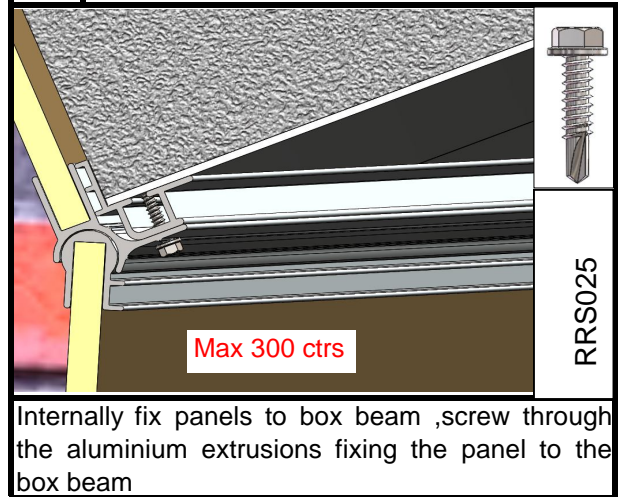
# On Posts Install Guide

2971 On Post 9

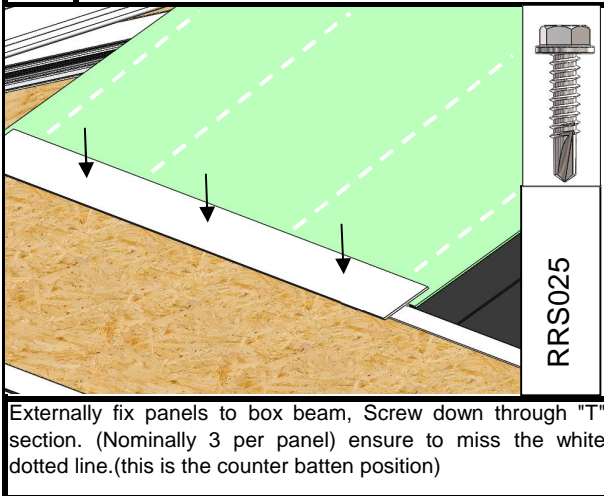
43



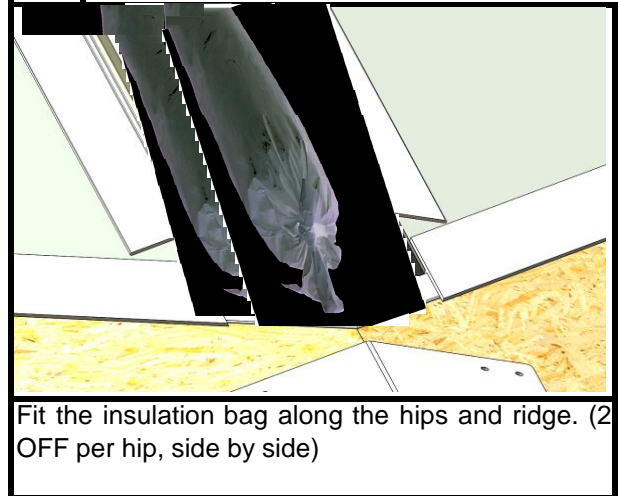
44



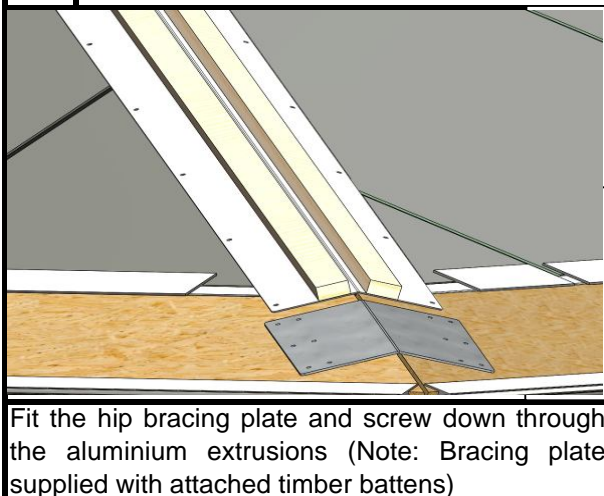
45



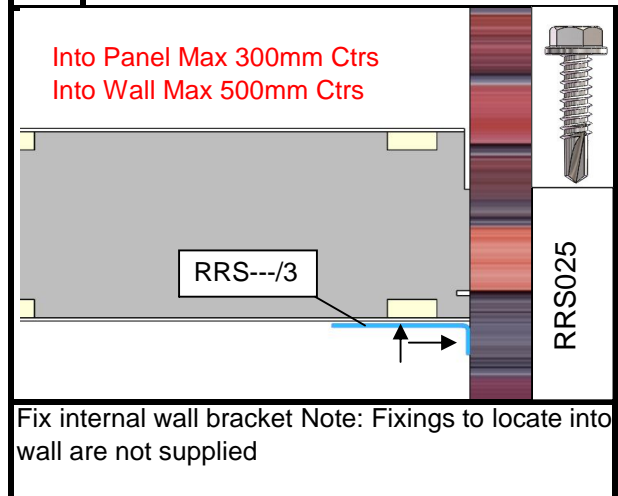
46



47



48

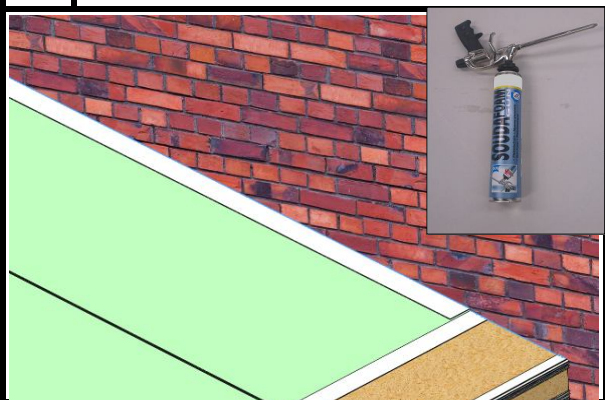


All Images Are For Illustration Purposes Only

# On Posts Install Guide

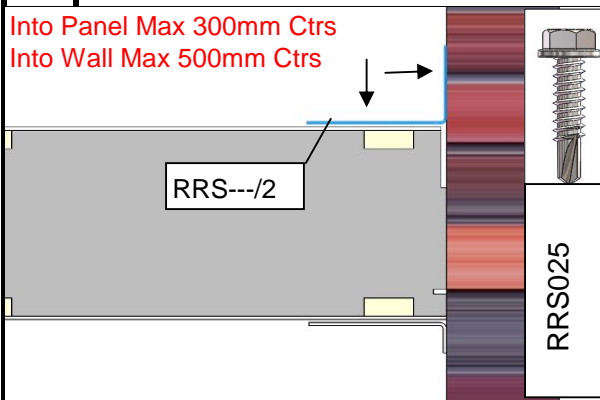
2971 On Post 10

49



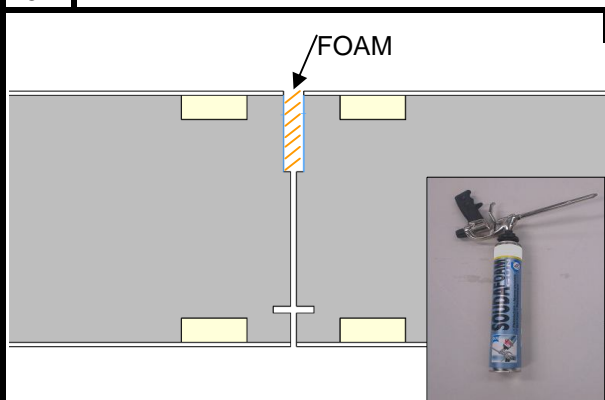
Using expanding foam fill any gaps that have been created between the existing wall and the panels

50



Fix external wall bracket Note: Fixings to locate into wall are not supplied

51



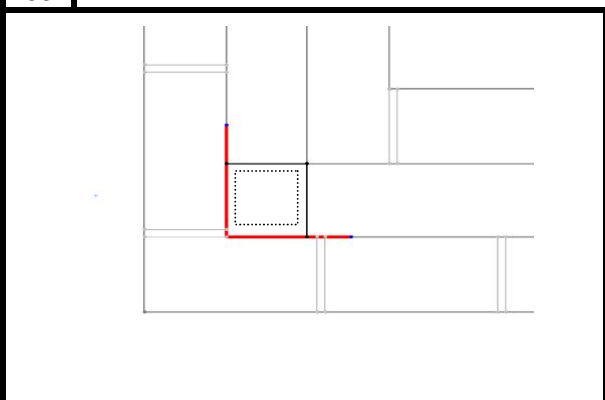
Fill gaps between panels using expanding foam (Foam not supplied)

52



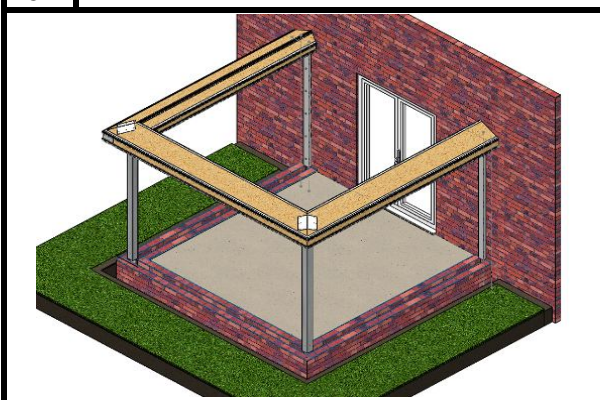
Fill any gaps to box beam using expanding foam (Foam not supplied)

53



Fit insulated dpc around the structural posts (Insulated dpc not supplied)

54



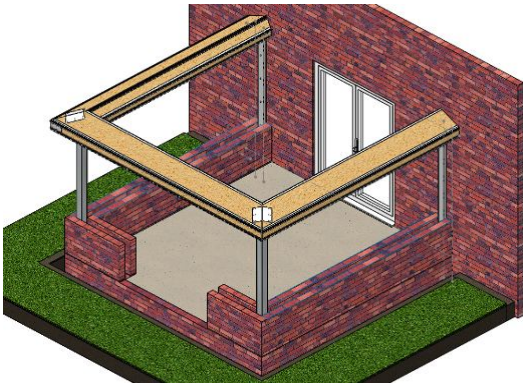
Build up the foundations and slab

All Images Are For Illustration Purposes Only

# On Posts Install Guide

2971 On Post 11

55

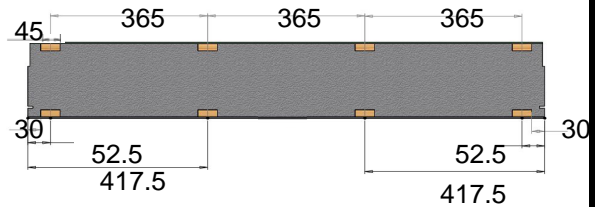


Build up any walls

56

FOR WHEN PLASTERBOARDING

Batten positions marked on the external and internal face



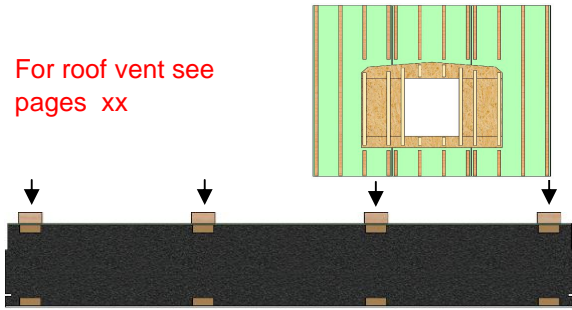
Make sure the plasterboards are fixed to these in-panel battens.

57

For Fitting Counter Battens

Note: Batten positions in panel are clearly shown by broken white line on green surface

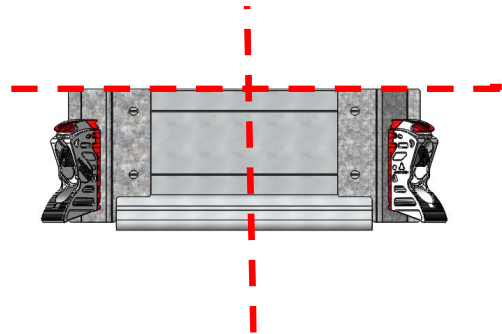
For roof vent see pages xx



Fix counter batten (supplied) down the panels. Ensure that the battens are fixed into to sip battens (Stainless steel fixings to be used, not supplied)

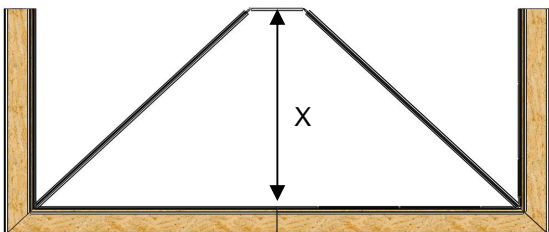
58

IF HALF RIDGE REQUIRED



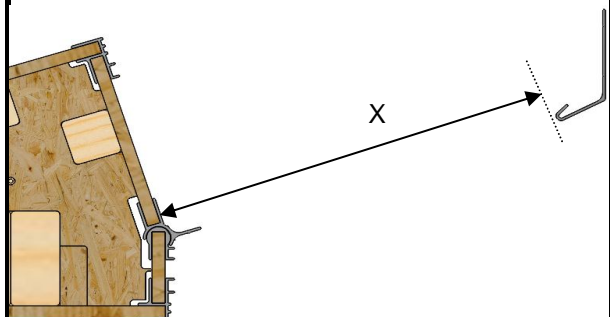
Fix half ridge as shown on the wall setout plan, and securely fix back to existing wall using suitable fixing. (Fixings not supplied)

59



Measure off box beam to half ridge as shown No 58 . Dimension shown on wall setout plan

60



Pack between half ridge and existing wall as required

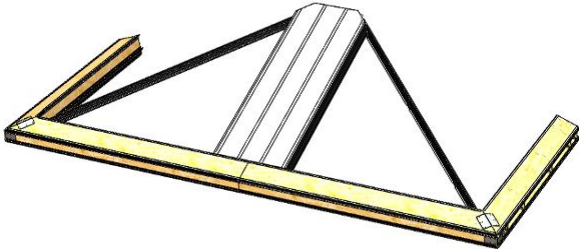
All Images Are For Illustration Purposes Only



# On Posts Install Guide

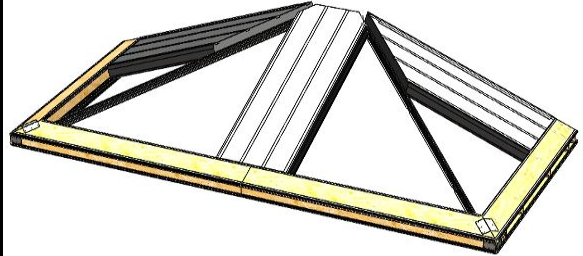
2971 On Post 12

61



Fix front panel or panels working from centre of box beam. Using No 34 and No 35 as guide

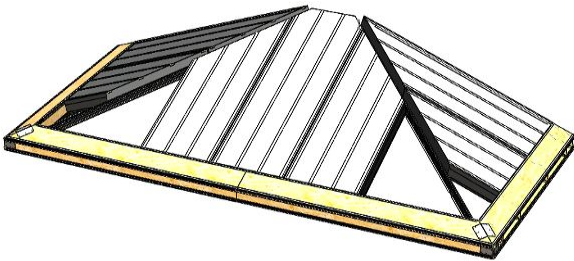
62



Fit the two outer panels.

63

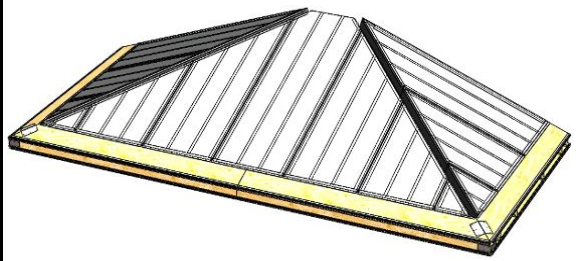
REMOVE TEMP FIX STRAP (No.32)



NOTE: THERE IS A 4mm NOMINAL GAP BETWEEN PANELS

Fix other panels working from largest panels to smallest

64



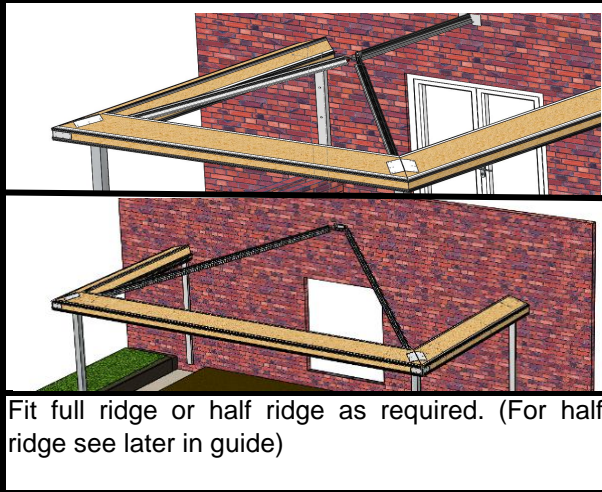
Complete roof as per steps No. 40 to No.54



# On Posts Install Guide

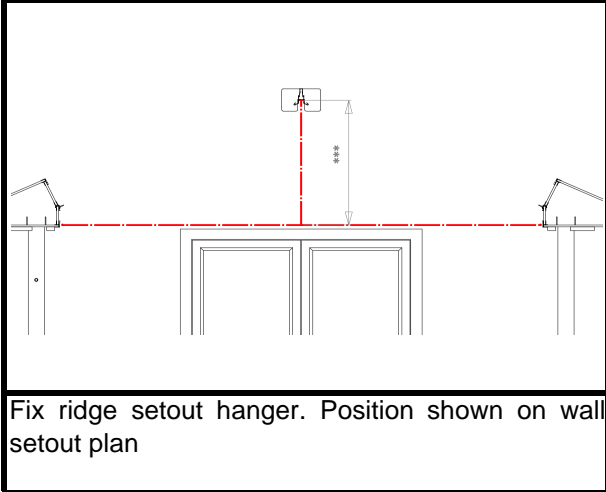
2971 On Post 7

31

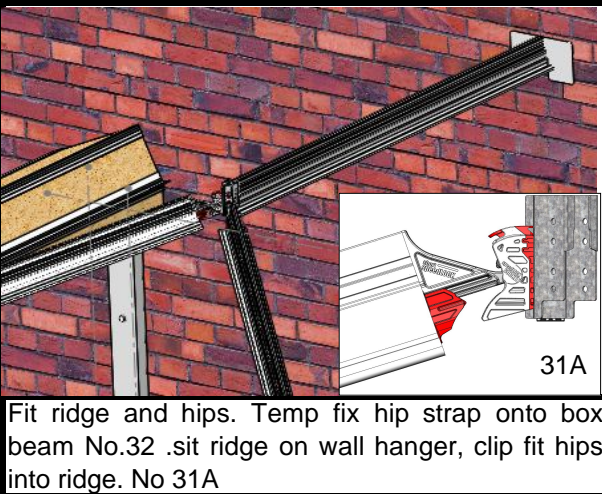


32

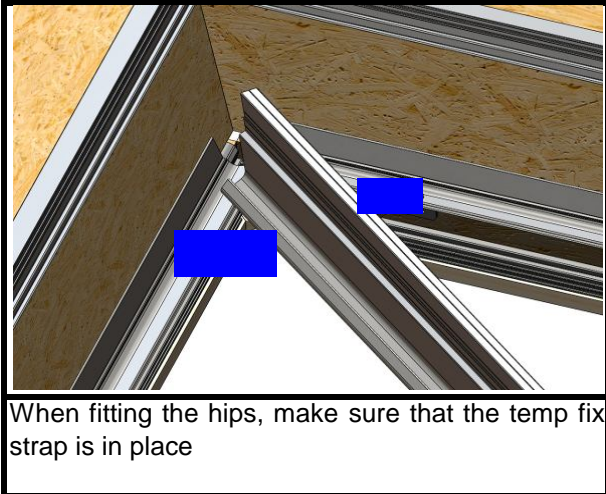
IF FULL RIDGE REQUIRED



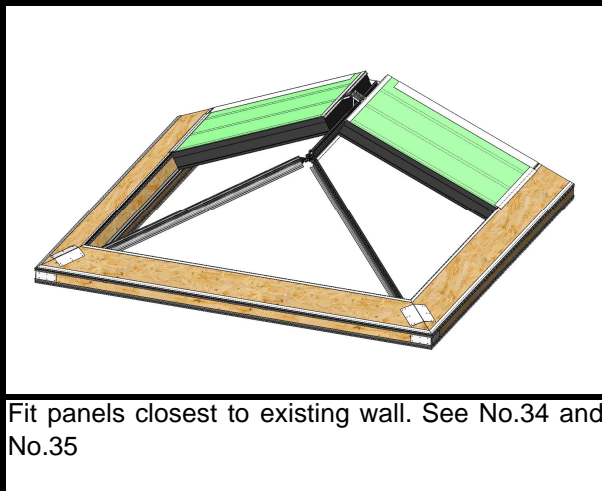
33



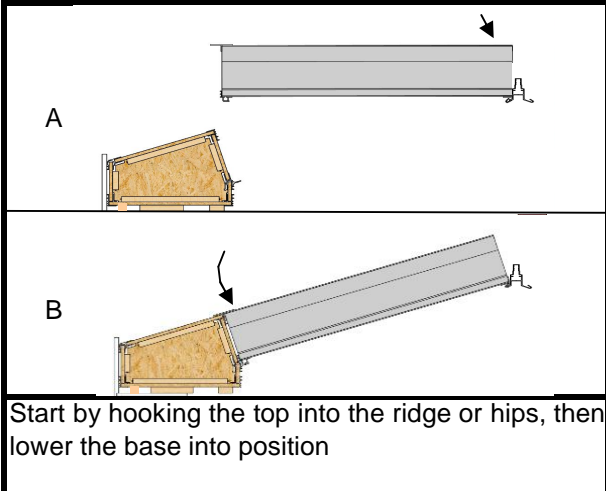
34



35



36

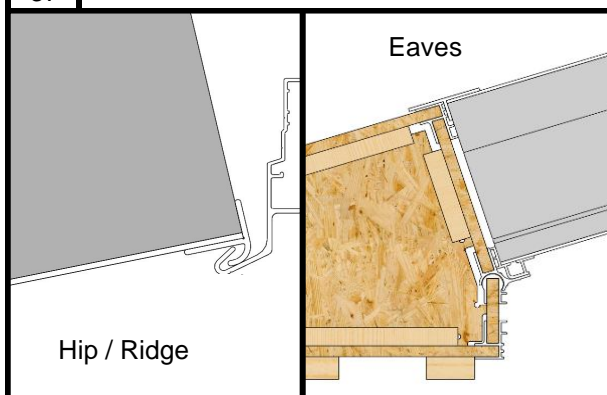


All Images Are For Illustration Purposes Only

# On Posts Install Guide

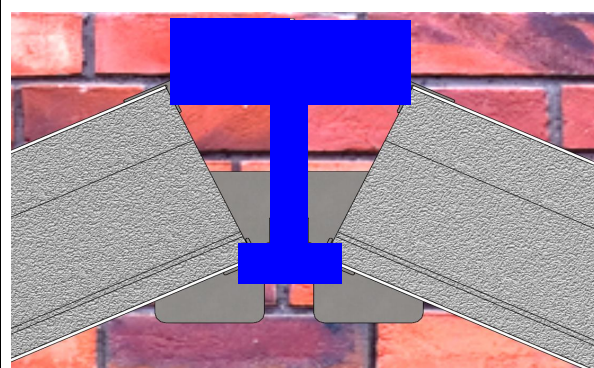
2971 On Post 8

37



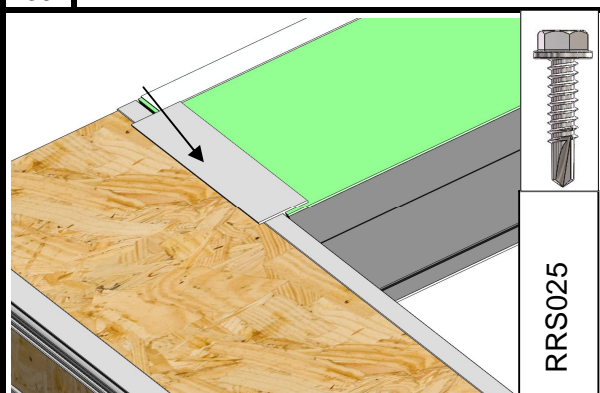
Ensure that the panels are hooked in position as shown

38



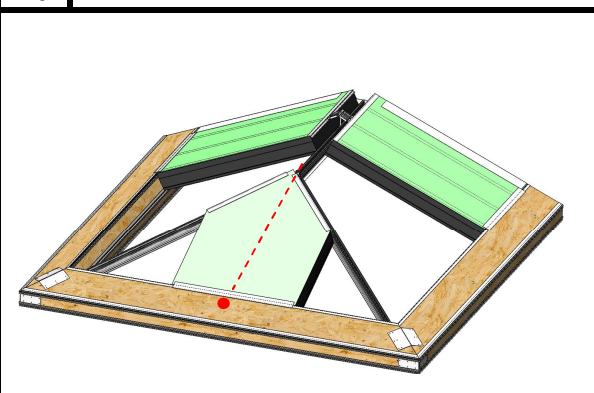
Fit the ridge hinge assembly

39



Temp fix panels adjacent to existing wall, Screw down through "T" section. One screw per panel

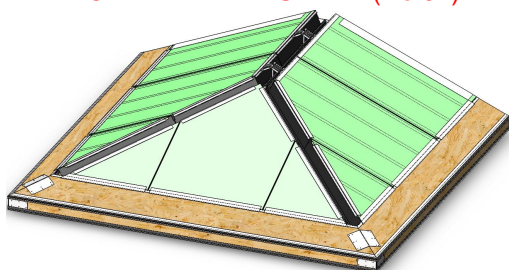
40



Adjust and level ridge, then fit front panel. Marking the centre line of the panel to centre line of the box beam

41

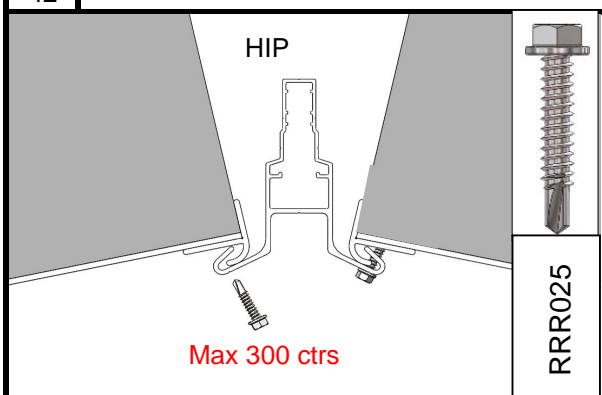
**REMOVE TEMP FIX STRAP (No.32)**



**NOTE: THERE IS A 4mm NOMINAL GAP BETWEEN PANELS**

Fix ridge hinge assemblies, then fix rest of panels

42



Fix panels to hip bars, screw up through the hips into the panels (Making sure the fixings go through the aluminium extrusions)

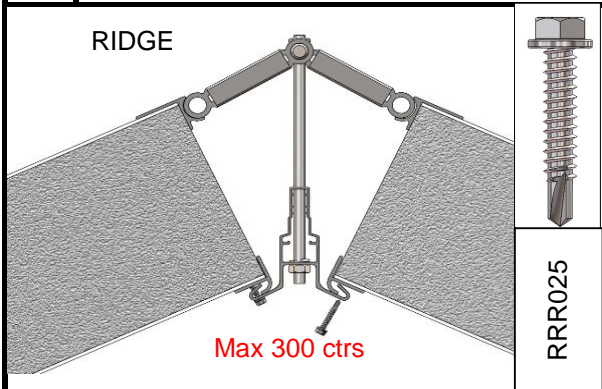
All Images Are For Illustration Purposes Only



# On Posts Install Guide

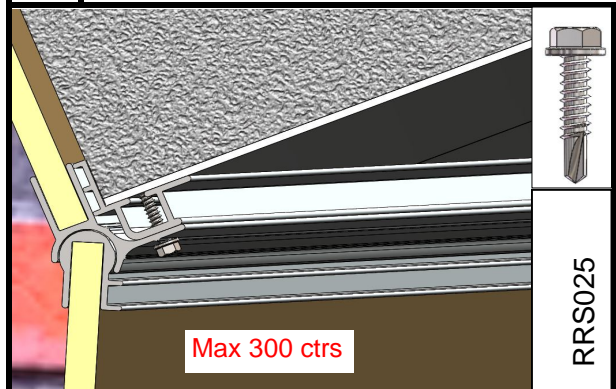
2971 On Post 9

43



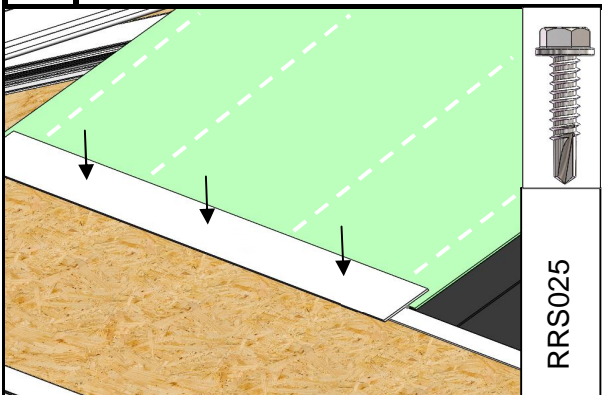
Fix Panels to ridge, screw up through the ridge into the panels (Making sure the fixings go through the aluminium extrusions)

44



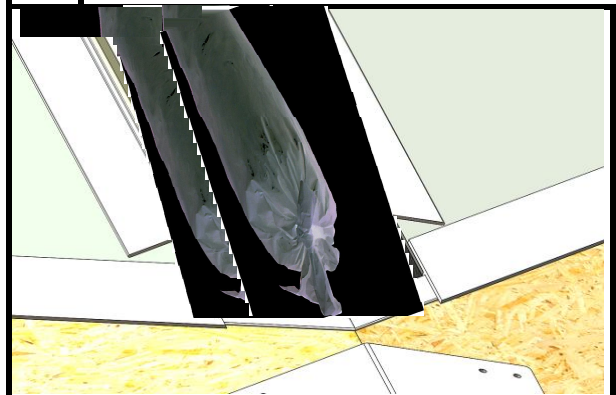
Internally fix panels to box beam ,screw through the aluminium extrusions fixing the panel to the box beam

45



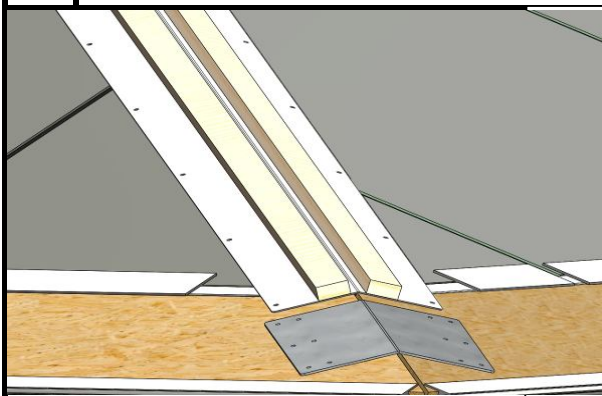
Externally fix panels to box beam, Screw down through "T" section. (Nominally 3 per panel) ensure to miss the white dotted line.(this is the counter batten position)

46



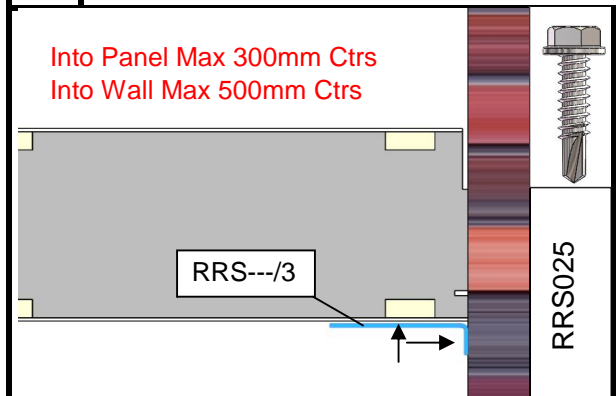
Fit the insulation bag along the hips and ridge. (2 OFF per hip, side by side)

47



Fit the hip bracing plate and screw down through the aluminium extrusions (Note: Bracing plate supplied with attached timber battens)

48



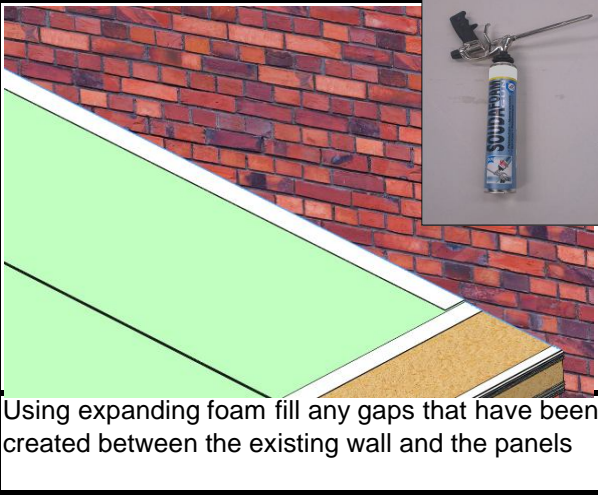
Fix internal wall bracket Note: Fixings to locate into wall are not supplied

All Images Are For Illustration Purposes Only

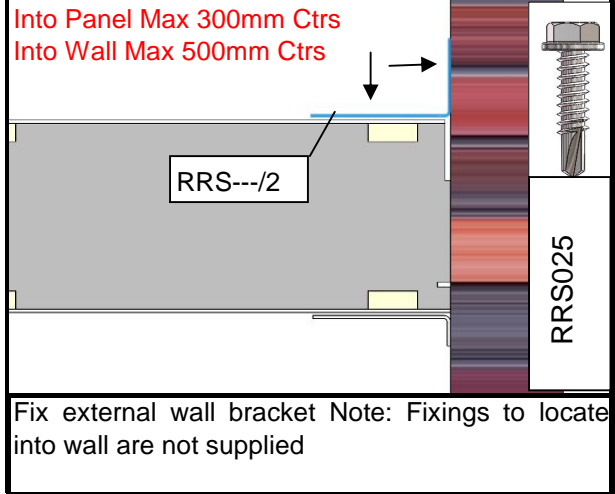
# On Posts Install Guide

2971 On Post 10

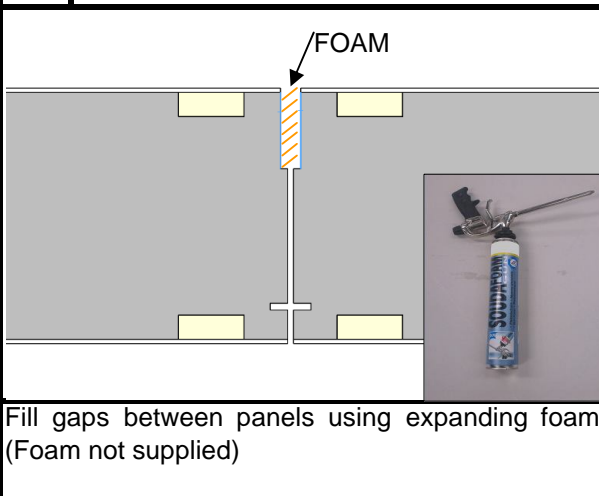
49



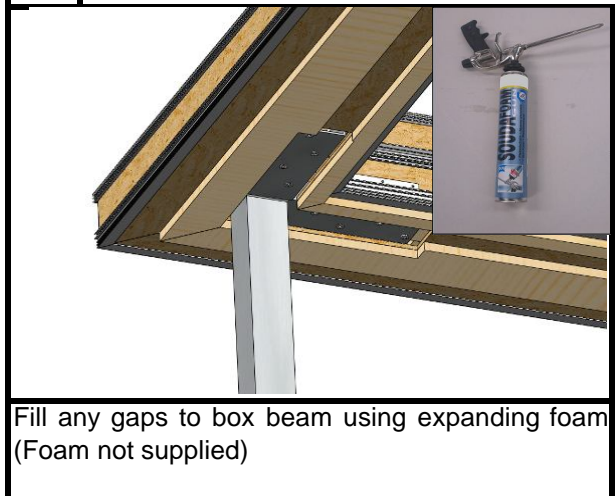
50



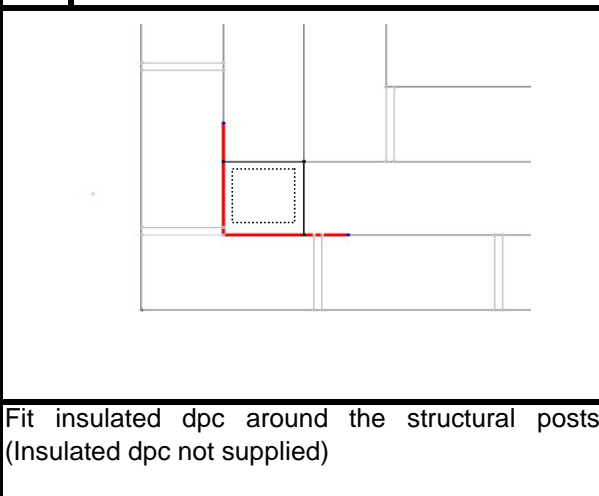
51



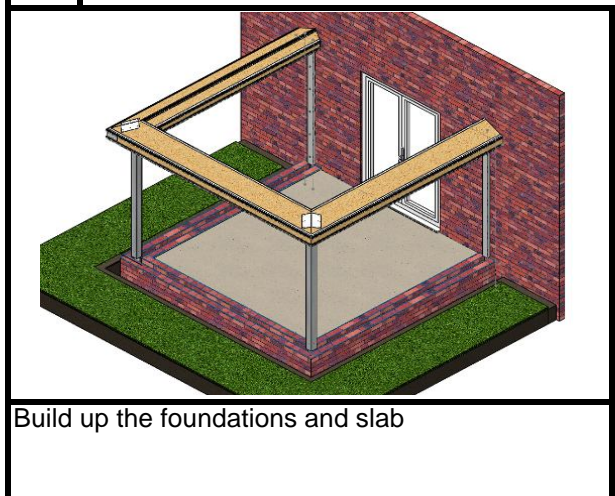
52



53



54



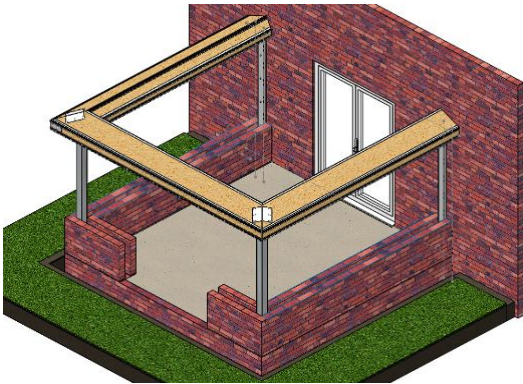
All Images Are For Illustration Purposes Only



# On Posts Install Guide

2971 On Post 11

55

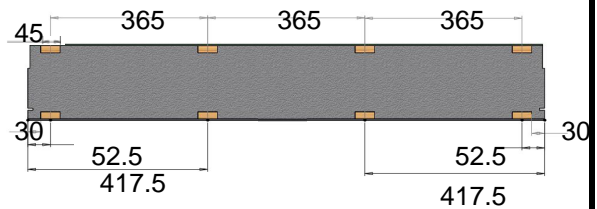


Build up any walls

56

FOR WHEN PLASTERBOARDING

Batten positions marked on the external and internal face



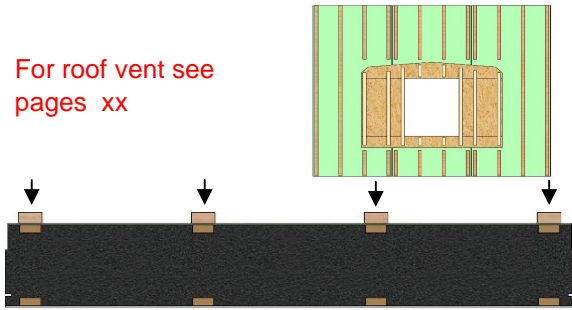
Make sure the plasterboards are fixed to these in-panel battens.

57

For Fitting Counter Battens

Note: Batten positions in panel are clearly shown by broken white line on green surface

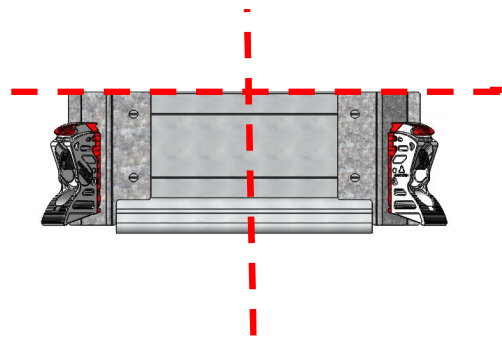
For roof vent see pages xx



Fix counter batten (supplied) down the panels. Ensure that the battens are fixed into to sip battens (Stainless steel fixings to be used, not supplied)

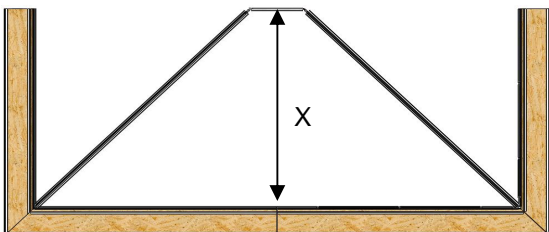
58

IF HALF RIDGE REQUIRED



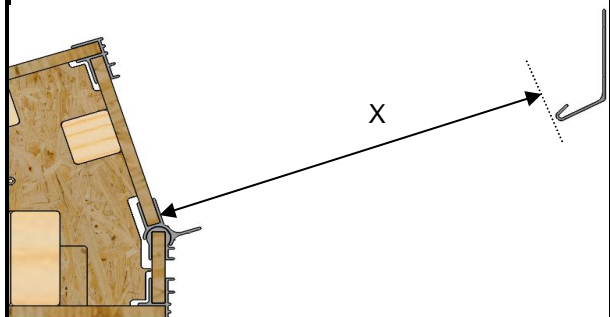
Fix half ridge as shown on the wall setout plan, and securely fix back to existing wall using suitable fixing. (Fixings not supplied)

59



Measure off box beam to half ridge as shown No 58 . Dimension shown on wall setout plan

60

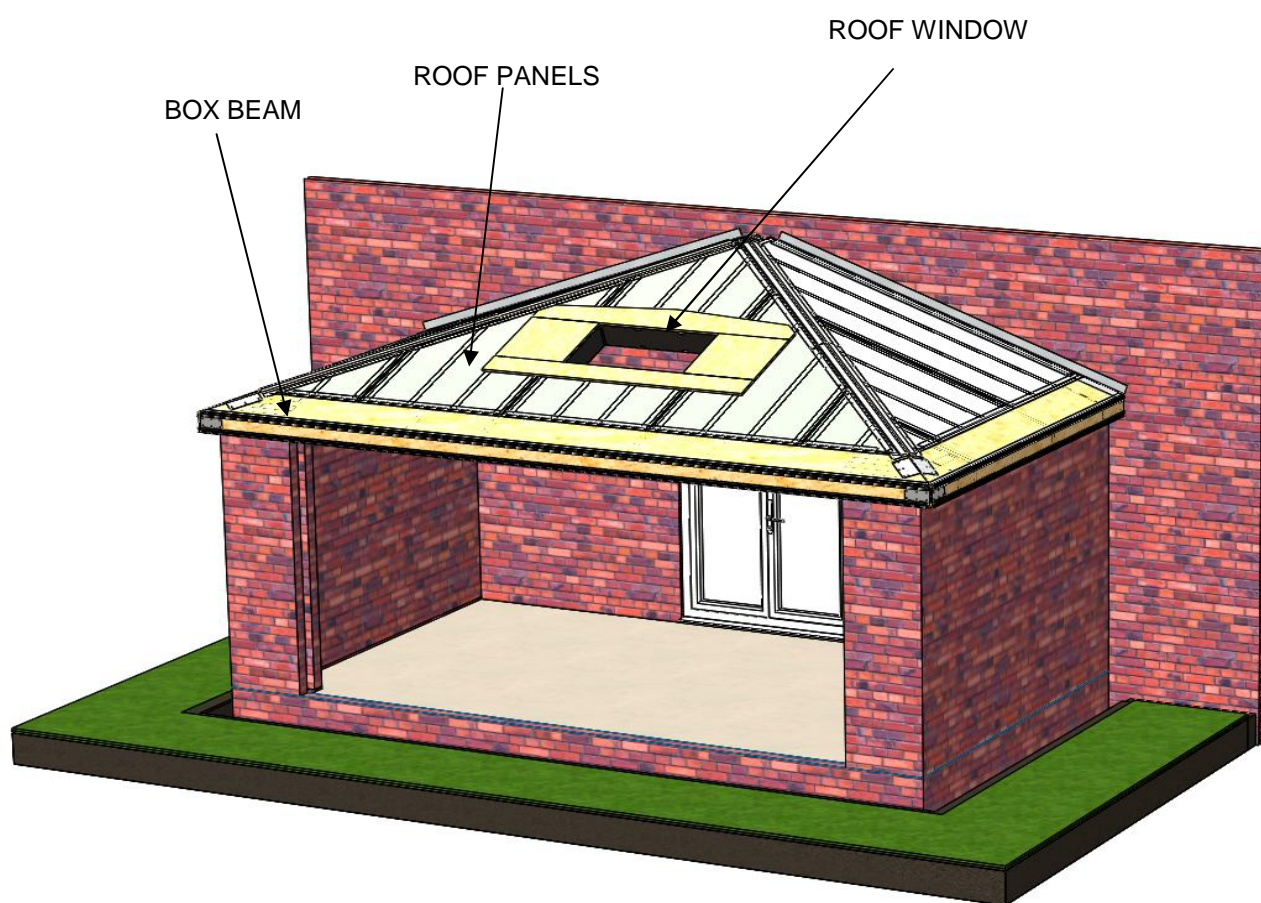


Pack between half ridge and existing wall as required

All Images Are For Illustration Purposes Only

# On Brickwork Install Guide

2971 On Brick 1

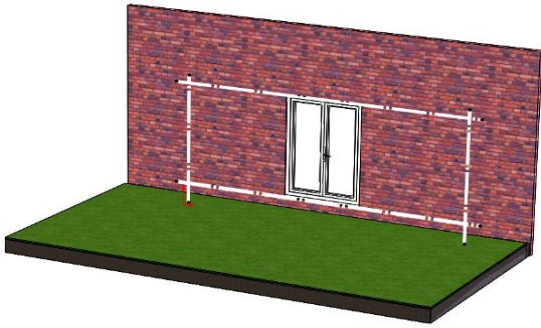


All Images Are For Illustration Purposes Only

# On Brickwork Install Guide

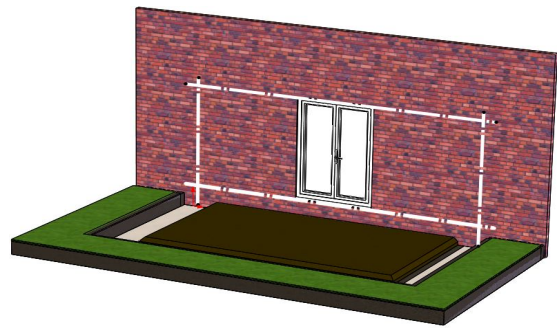
2971 On Brick 2

65



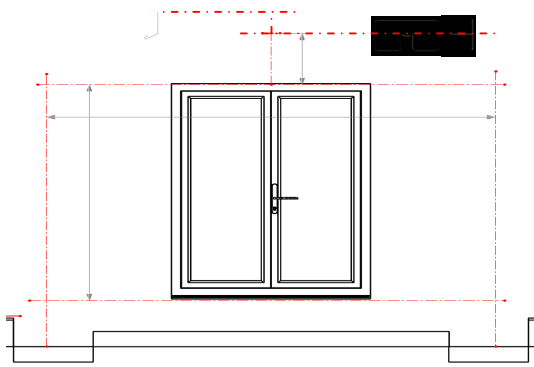
Mark out sizes on wall, as per setout plan sent with the roof

66



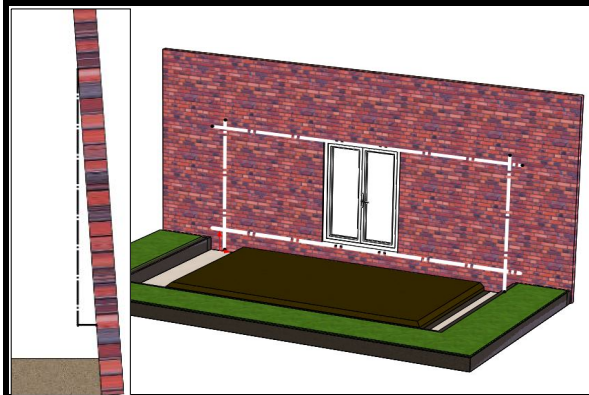
Dig out foundations

67



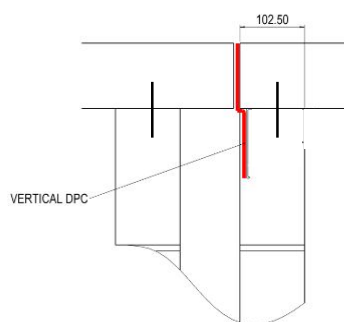
Use the "Wall Set Out Plan" supplied, for the setout dimensions

68



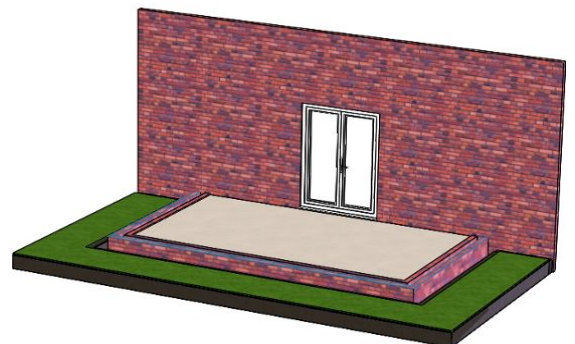
Plumb existing wall to establish datum point for set out

69



Cut out and fit Vertical DPC

70



Build up foundations and lay slab

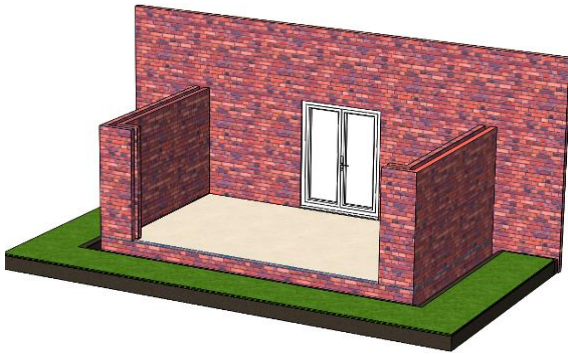
All Images Are For Illustration Purposes Only



# On Brickwork Install Guide

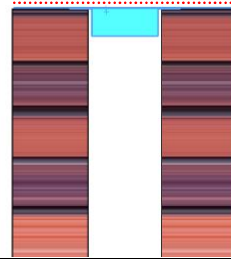
2971 On Brick 3

71



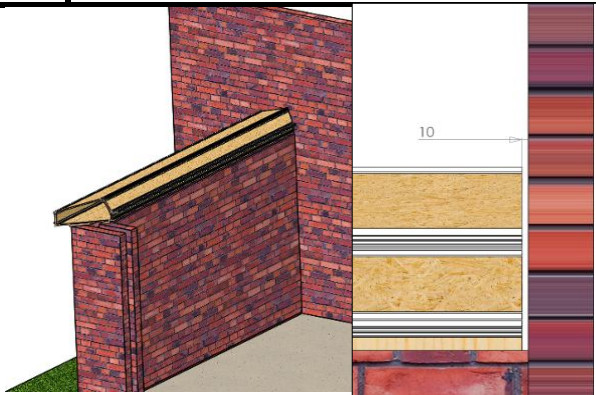
Build up brickwork

72



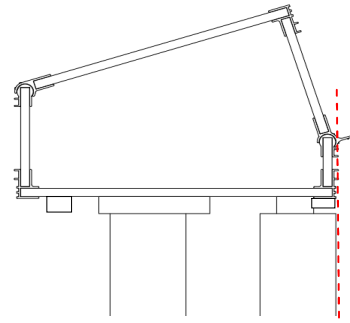
Seal all cavities with closure and fit DPC over

73



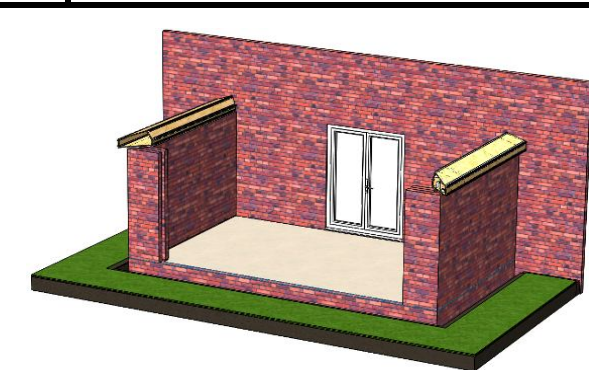
Fit first side box beam onto brickwork. Note: Box beam is nominally set 10mm from the wall. (Allowed for onsite tolerances)

74



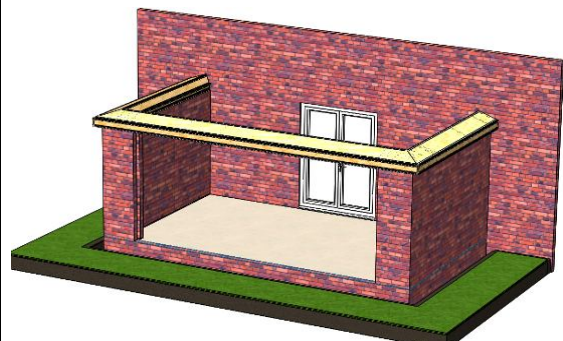
Align box beam with inside of brickwork

75



Fit second side box beam onto brickwork. Repeating previous steps as needed

76

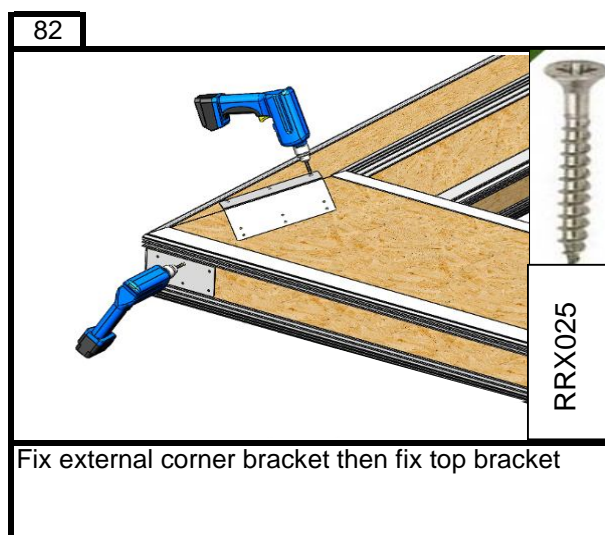
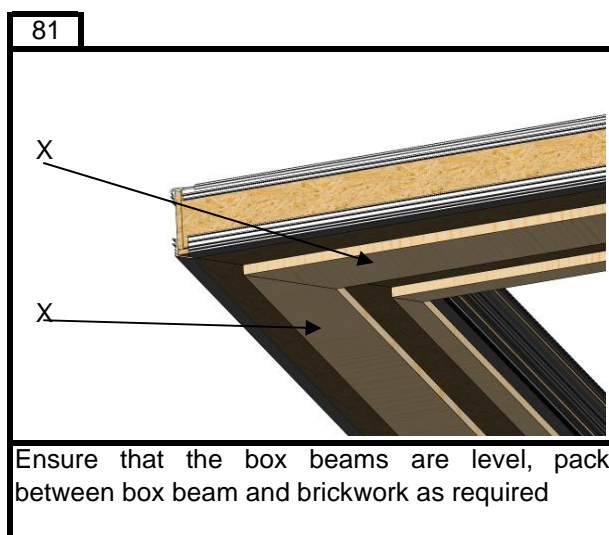
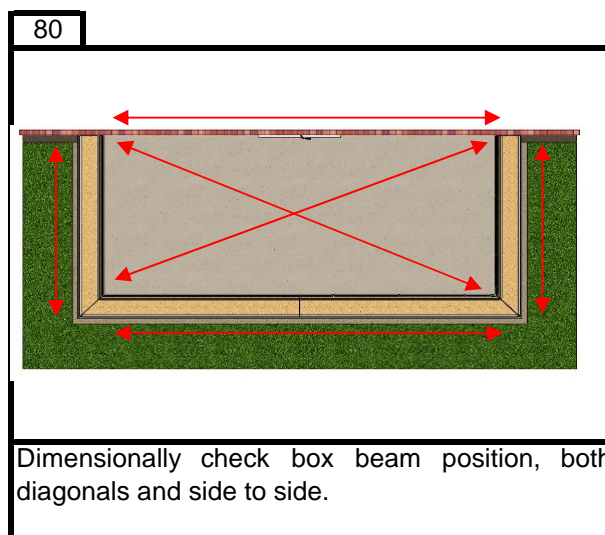
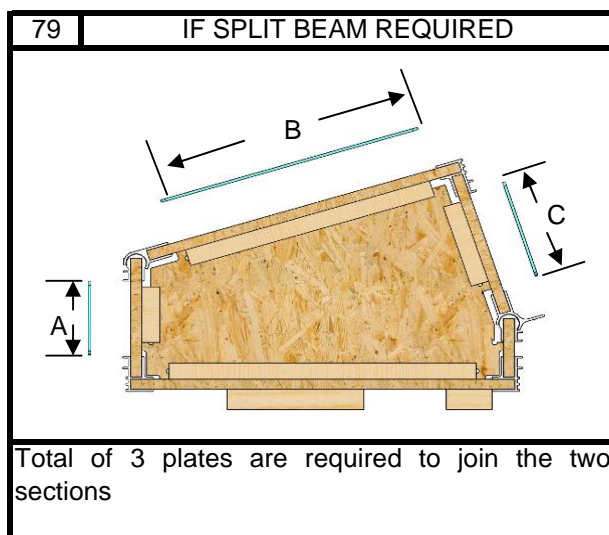
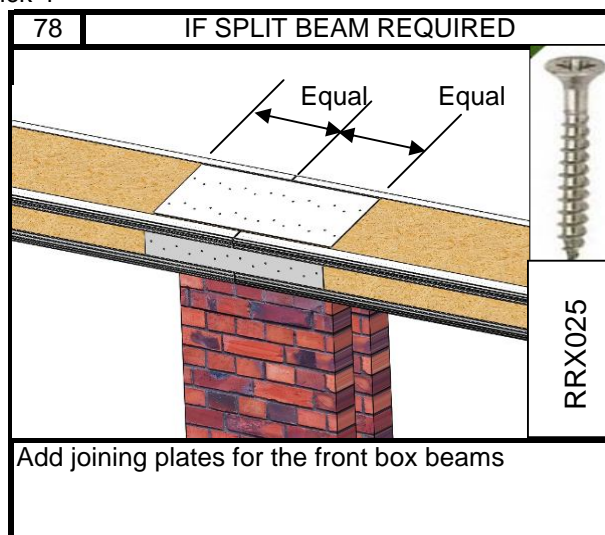
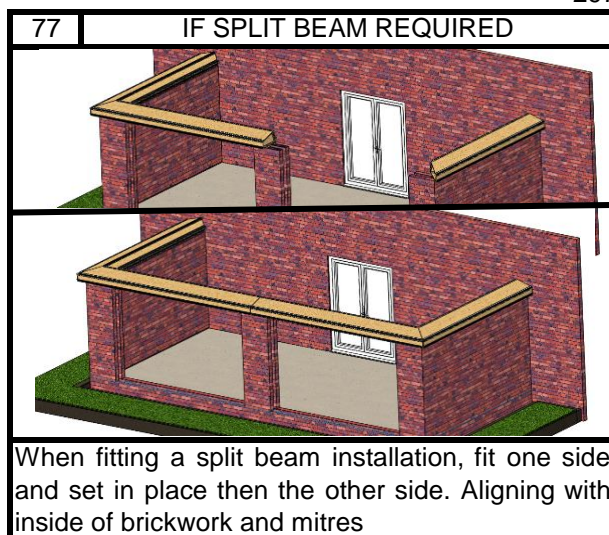


Fit the front box beam. Aligning with inside of brickwork and mitre joints

All Images Are For Illustration Purposes Only

# On Brickwork Install Guide

2971 On Brick 4



All Images Are For Illustration Purposes Only

# On Brickwork Install Guide

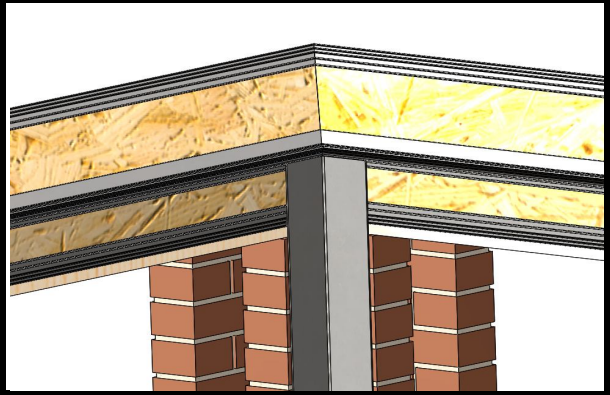
2971 On Brick 5

83



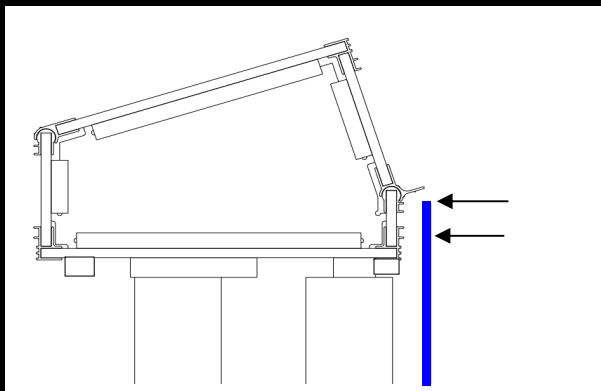
Fit tie straps, fasten the box beam down to the brickwork (Typ, 200mm in from edge then max 2m ctrs) Foam in any gaps.

84



When the box beam is sat on a narrow pier use the narrow pier internal brace and secure into place

85



Ensure that the tie strips are fastened to the box beams aluminium sections and brickwork. (Screws are not supplied)

86



Fit remaining as per steps 30 to 62



# Gable Install Guide

2971 Gable 1



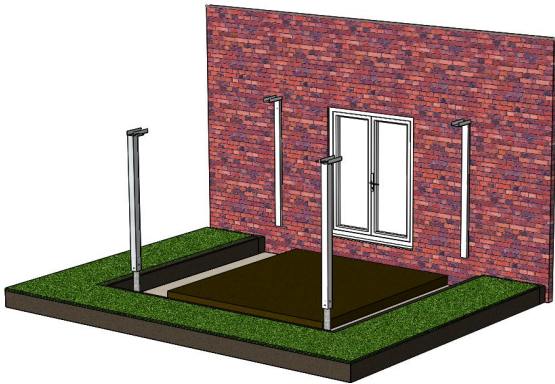
The gable assembly will always need to have the support of the gable posts and gable beam. For the start of the install follow steps 1 to 14. However it is possible to exchange the abutment post for brickwork

All Images Are For Illustration Purposes Only

# Gable Install Guide

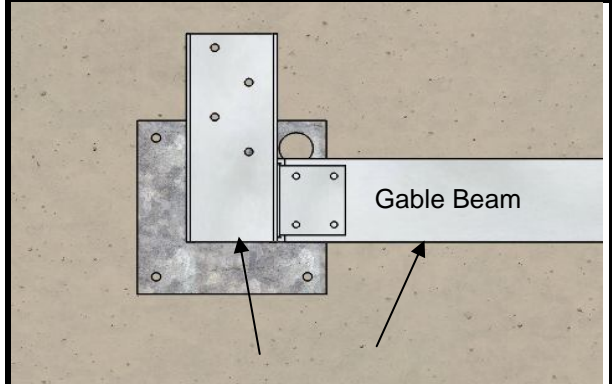
2971 Gable 2

87



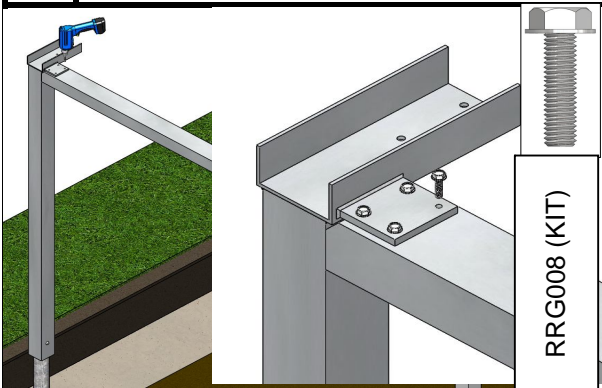
Temp fix gable post as per No.14

88



Fix gable beam, align front faces and clamp into position

89



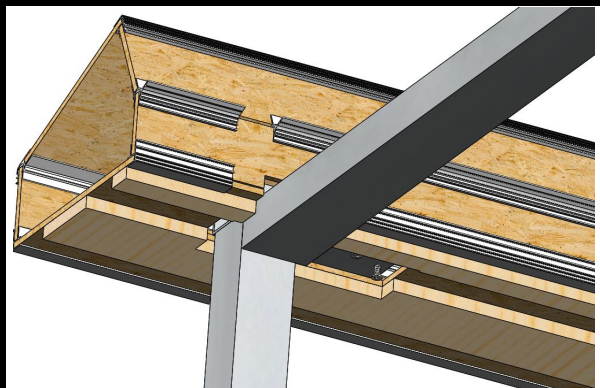
Fix gable beam. Pre drill 7mm holes and bolt together using RRG008 kit

90



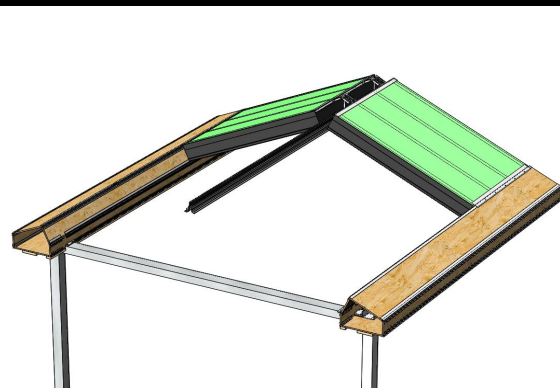
Fit box beams as per No.15 to No.19

91



Dimensionally check and level. Fit box beams and posts as per No.23, No26 + No.28

92



Fit panels adjacent to wall as per No.30 to No. 38

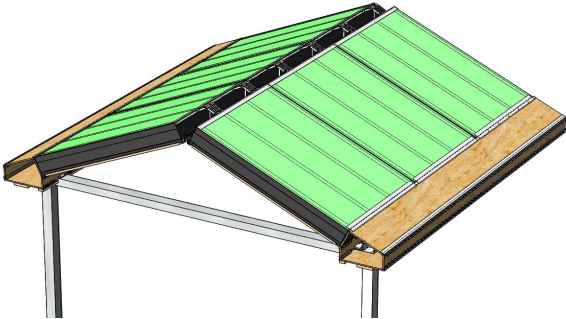
All Images Are For Illustration Purposes Only



# Gable Install Guide

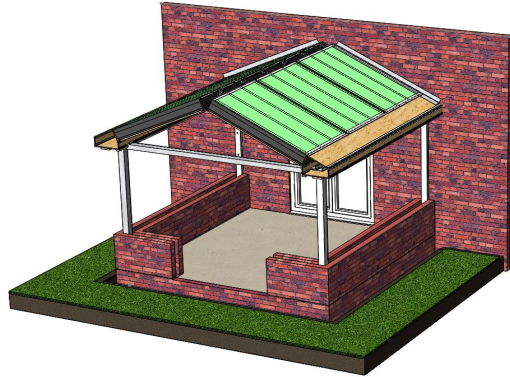
2971 Gable 2

93



Fit rest of panels

94

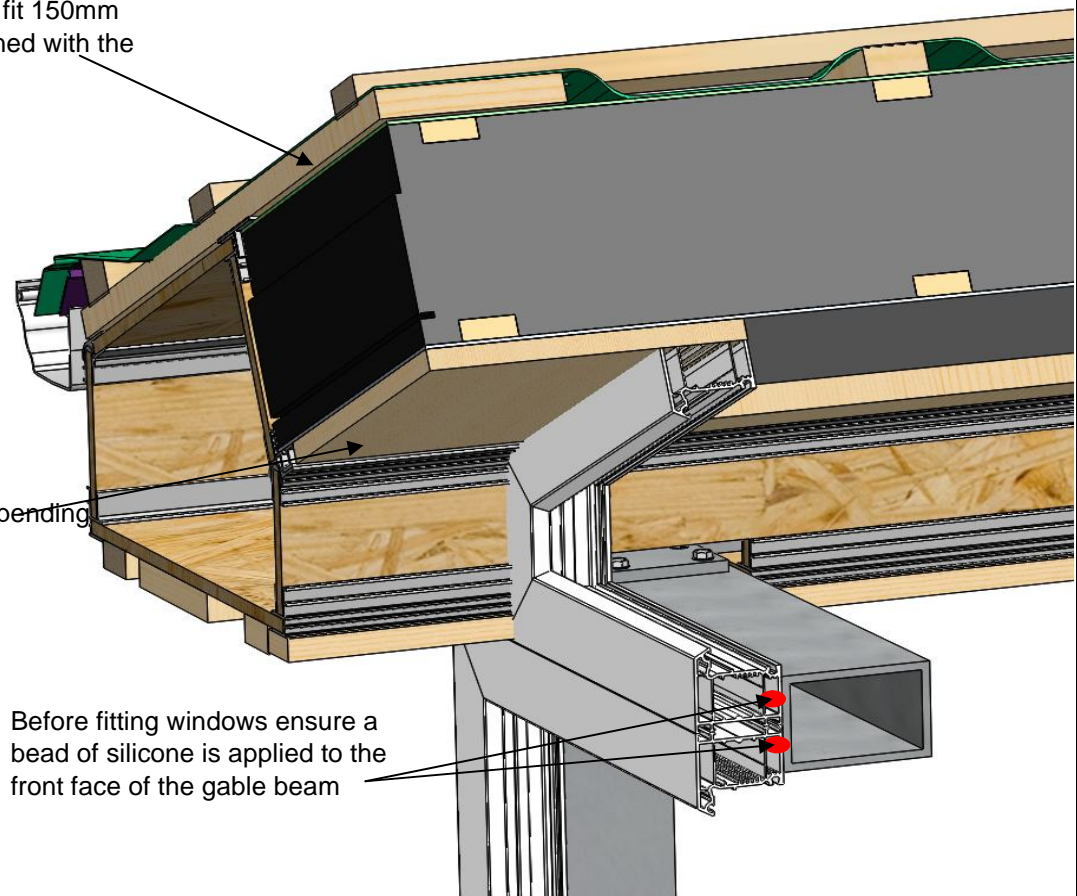


Fit all roof elements in steps No.40 to No.56 to secure everything and finish the build

95

When battening, fit 150mm wide batten aligned with the end of the panel

Board pre-fitted (width will vary depending on overhang)



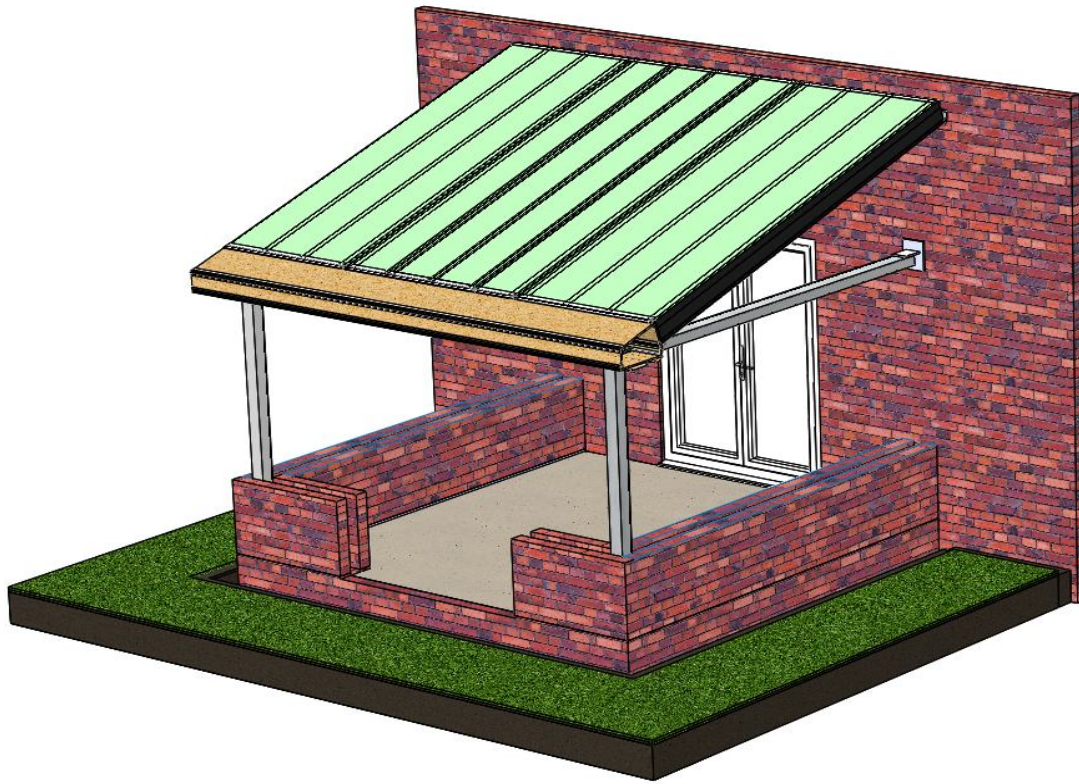
Before fitting windows ensure a bead of silicone is applied to the front face of the gable beam

All Images Are For Illustration Purposes Only



# Lean To Install Guide

2971 Leant to 1



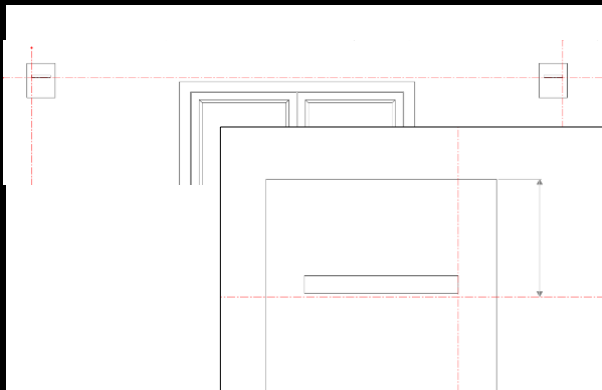
For the start of the install follow steps 1 to 14.

All Images Are For Illustration Purposes Only

# Lean To Install Guide

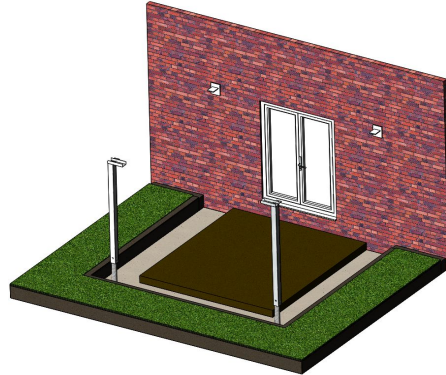
2971 Lean to 2

96



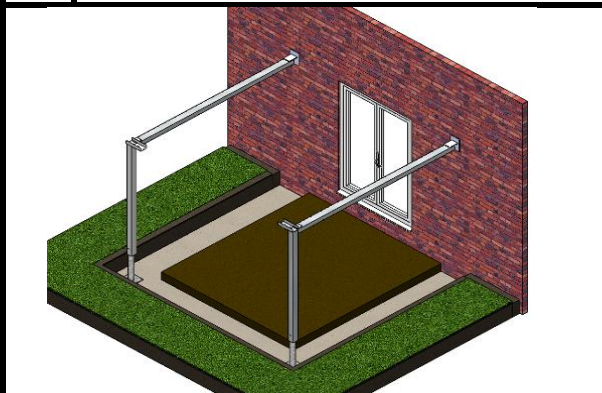
Using the wall setout plan mark and securely fix the gable horiz eaves bracket

97



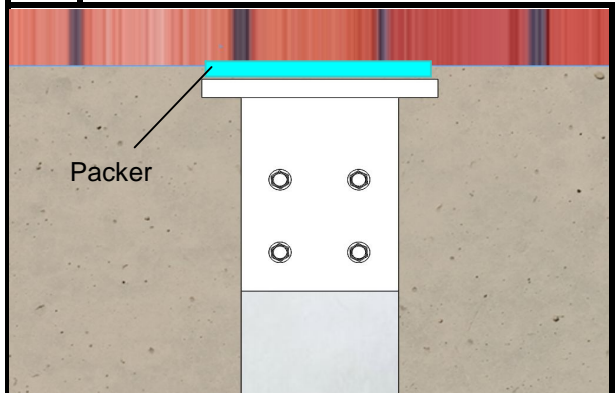
Temp fix gable posts into position as per No.14

98



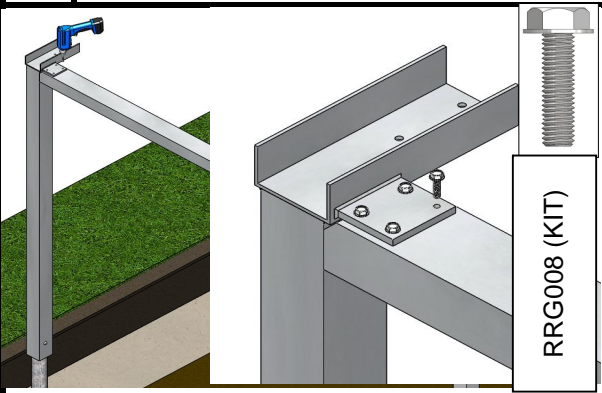
Fix gable beam, align side faces and clamp into position

99



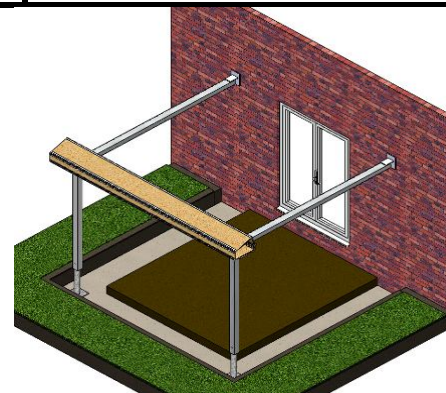
Adjust horizontal eaves wall bracket to suit gable beam by packing off wall.

100



Fix gable beam. Pre drill 7mm holes and bolt together using RRG008 kit

101



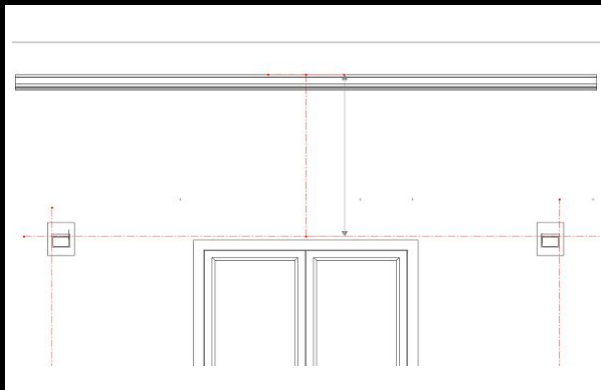
Fix box beam as per No.16, No.18 and No.19

All Images Are For Illustration Purposes Only

# Lean To Install Guide

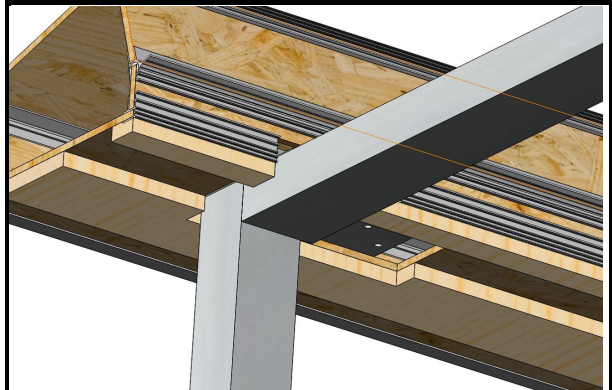
2971 Lean to 2

102



Fit half ridge as per No.56 , No.57 and No.58

103



Dimensionally check and level. Fit box beams and posts as per No.23, No.26 + No.28

104



Fit panels as per No.30 to No. 38

105



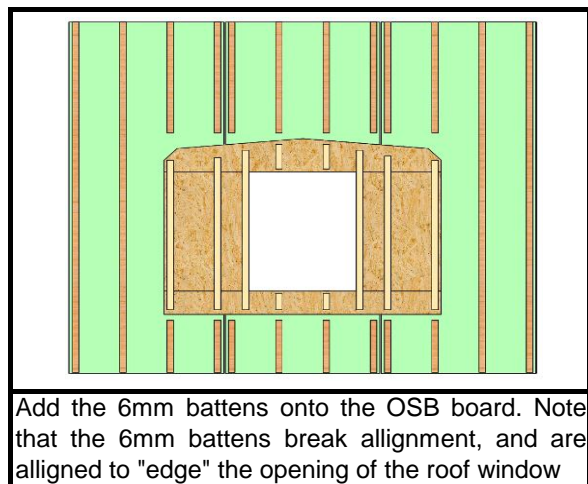
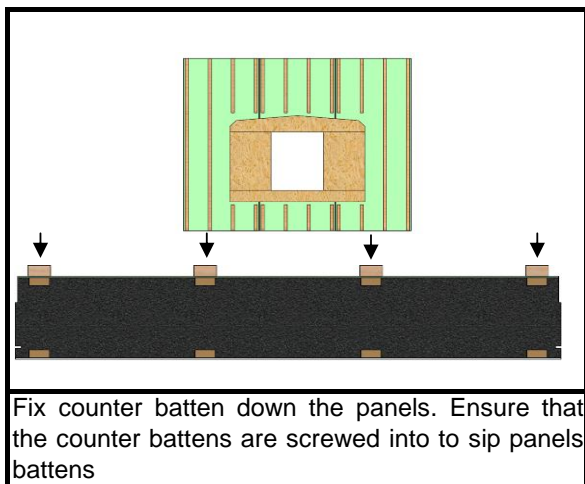
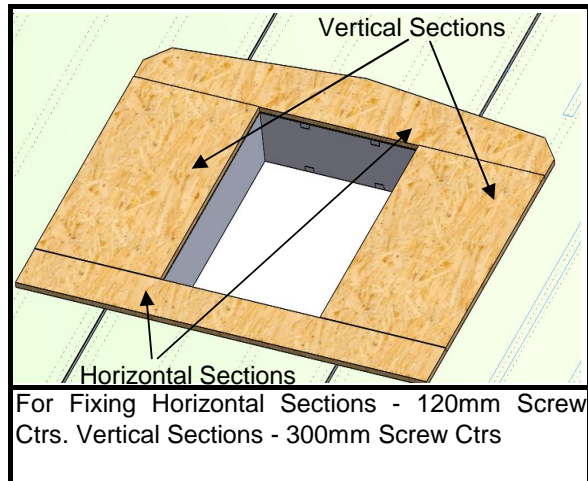
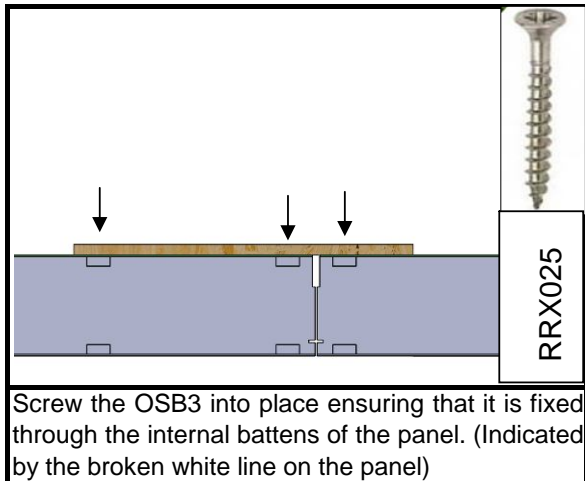
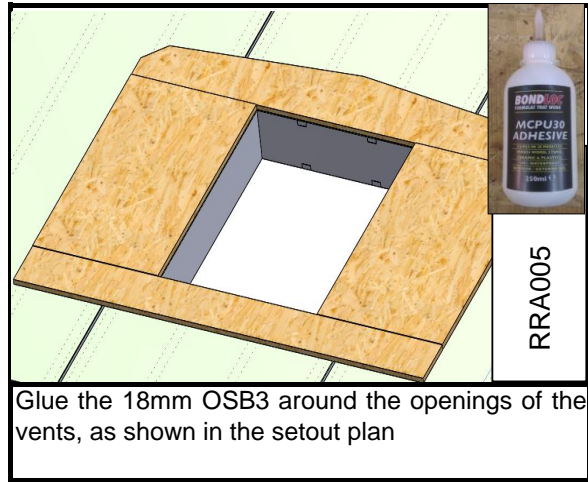
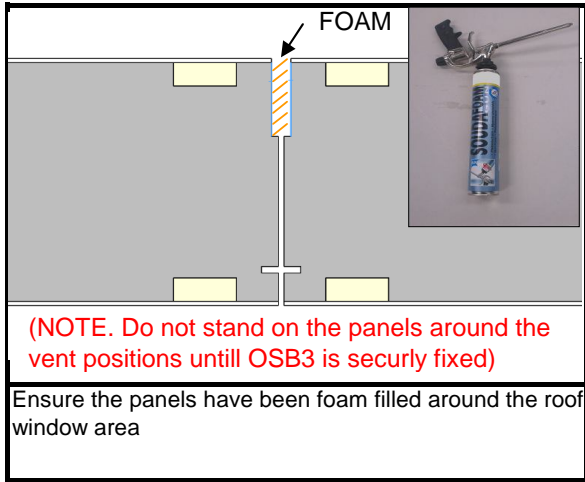
Fit all roof elements in steps No.40 to No.56 to secure everythingh and finish the build

All Images Are For Illustration Purposes Only



# Fitting Roof Window

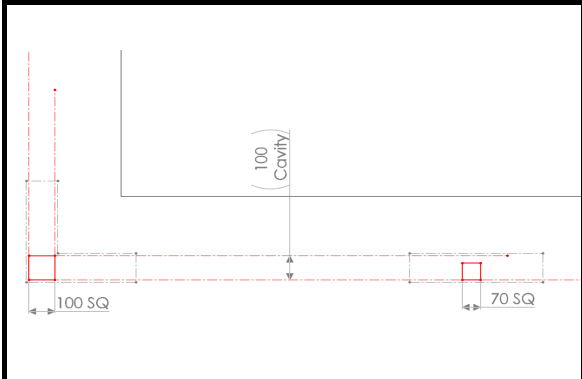
2971 Roof Window 1



All Images Are For Illustration Purposes Only

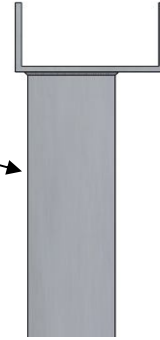
# Intermediate Posts

2971 Intermediate Post 1



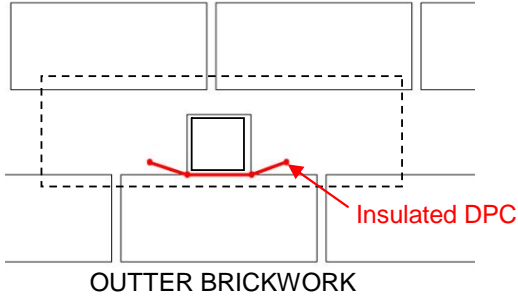
Fit any intermediate posts as shown on the post setout plan.

THIS EDGE TO BE  
ALIGNED WITH INSIDE  
EDGE OF OUTER  
BRICK

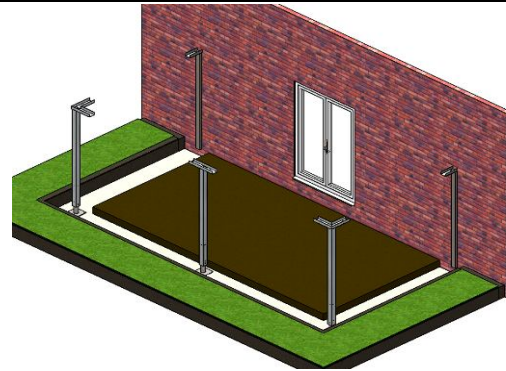


NOTE: Off-set channel, The Post will only fit one way round

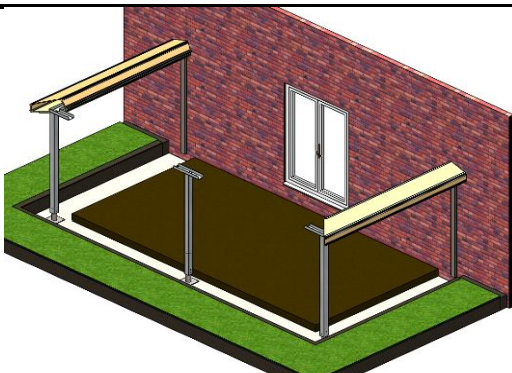
INNER BRICKWORK



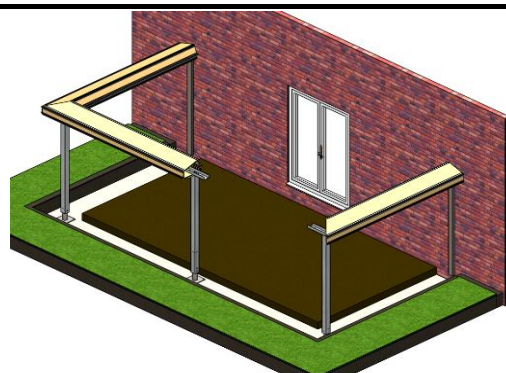
Fit DPC. Insulated DPC located between outer wall and post



Fit intermediate post as per No.10 to No.14 and No.28



Fit box beams as per No.15 to No.28

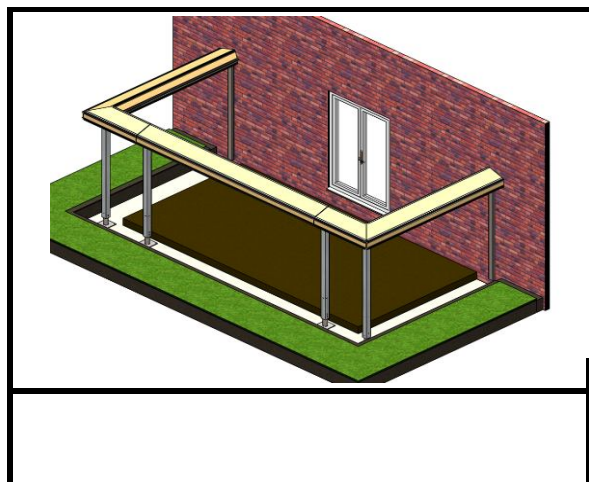
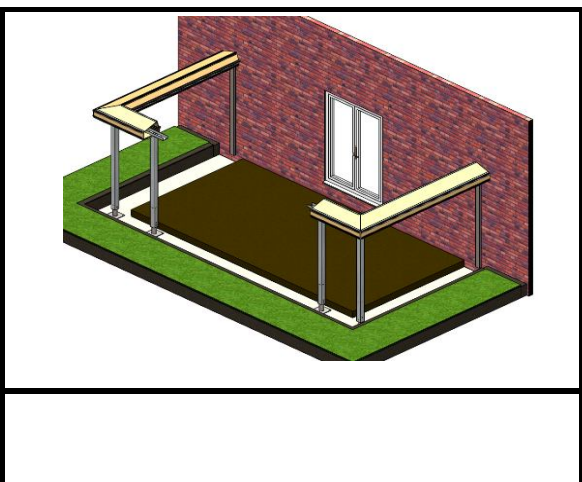
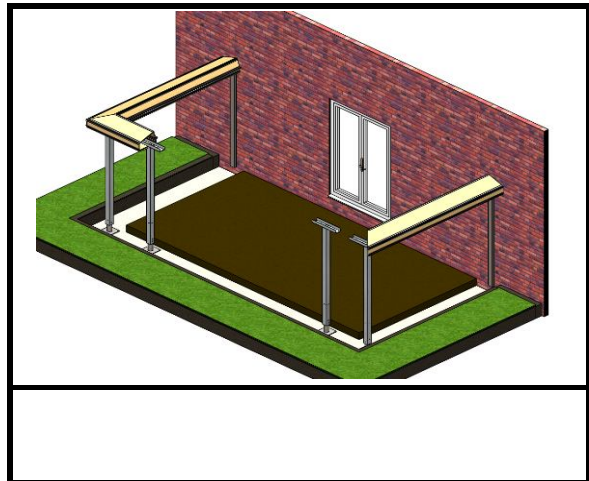
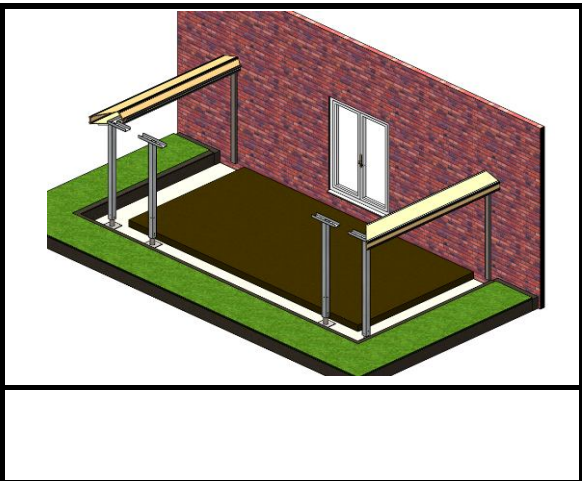
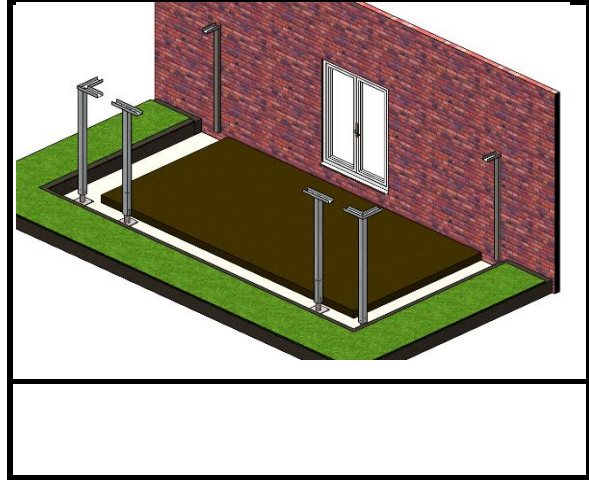
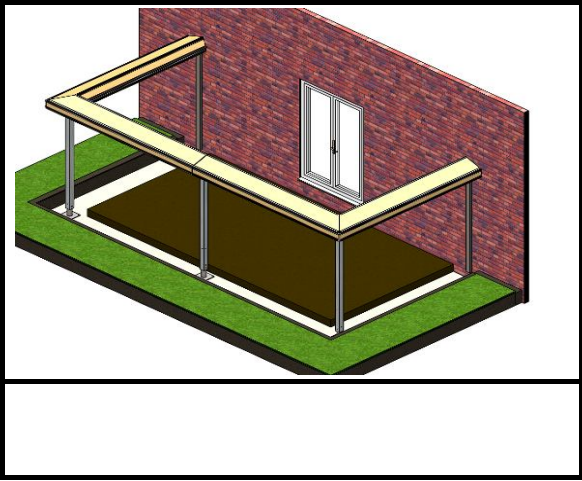


Fit front box beam in two stages then fix joining plates as per No.75 and No.76

All Images Are For Illustration Purposes Only

# Intermediate Posts

2971 Intermediate Post 2



All Images Are For Illustration Purposes Only



# Abutment Tie Strap

2971 Tie Bar 1

The roof relies on the existing structure, if this structure is inadequate use an abutment tie strap. Example if the abutment post is being fitted to a small pier between existing windows



Fit abutment tie strap post as per No.7, No.8 and No.9

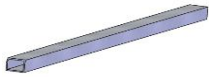


Fit abutment tie strap. Hold in position drill through 7mm and fix in place with M8 screws as shown

All Images Are For Illustration Purposes Only

# Components page 1

2971 Components 1



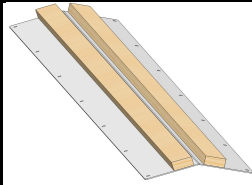
WIO9826

Gable End Horiz Eaves to Wall



RRH030

Hip Bracing Plate



Hip Plate Assembly



RRS480/5

Timber Counter batton 6x45



RRS480/1

Timber Counter batton 25x50



Full Ridge Assembly



Hip Bar Assembly



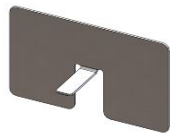
RRR001

Radius End



RRR002

Half Radius End



RRR003

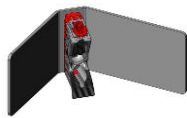
Ridge Setout Hanger



1/2 Wok Assembly



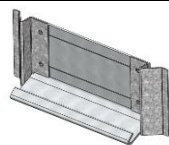
3/4 Wok Assembly



1/4 Wok Assembly



Hinge Assembly

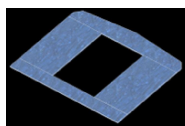


Half Ridge Assembly

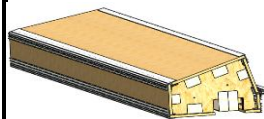


WIO9736

Cutout Wall Bar Type



Vent Reinforcement Pack



Box Beam Assembly



Bagged Earthwool Roll



RRM050

Roof Membrane 1m x 50m



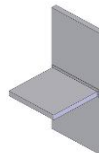
RRS300/2

Soaker / Starter 3m - Top



RRS300/3

Soaker / Starter 3m - Bottom



RRP005

Gable Horiz Eaves to Wall Brkt



Roofing Panel Assembly

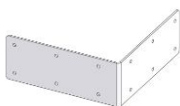
All Images Are For Illustration Purposes Only

# Components Page 2

2971 Components 2



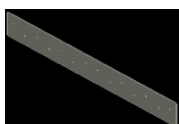
RRE090E  
Eaves External Cover Brckt



RRE090I  
Eaves Internal Corner Brckt



WIO9673  
Gable End Horiz Eaves



RRE001  
Inline Beam External Brace



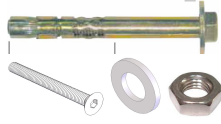
RRE002  
Inline Beam Panel Brace



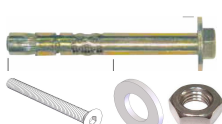
RRE003  
Inline Beam Top Brace



RR A005  
PU Adhesive 250mls



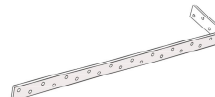
RRX001  
Structural Post Fixing Kit



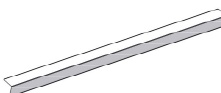
RRX002  
Inline Post Fixing Kit



LRP042  
Beam To Brick Straps



Angled Beam to Brick Strap



RRP009  
Narrow Pier Internal Brace



RRP008  
Post to Beam



RRR025  
Hip&Ridge Fixing Kit



RRS025  
Panel To Beam Fixing Kit



RRX025  
Roof Fixing Kit



RRP007  
Abutment Tie Strap



RRE---/8  
25x150 Tanalised Timber



RRG008  
Gable Beam Fixing Kit

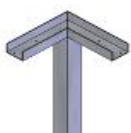
All Images Are For Illustration Purposes Only



# Components Page 3

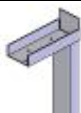
2971 Components 3

## Adjustable Post Range



RRP090 -Standard-2100

90Deg Structural Corner Post



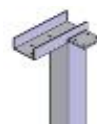
RRP006 -Standard-2100

Abutment Tie Strap Post



RRP003L - Standard-2100

Gable Structural Post (LH)



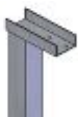
RRP003R - Standard-2100

Gable Structural Post (RH)



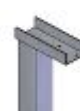
RRP001 - Standard -2100

Intermediate Post



RRP004L -Standard-2100

Masonry Support Post (LH)



RRP004R -Standard-2100

Masonry Support Post RH



RRE0002

Post Foot (1200mm)



RRE0004

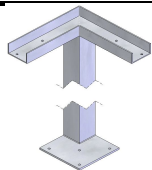
Intermediate Foot (1200mm)

All Images Are For Illustration Purposes Only

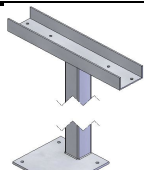
# Components Page 4

2971 Components 4

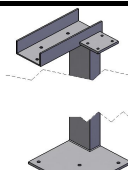
## Portal Post Range



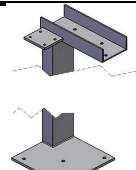
Portal Corner Post



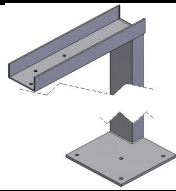
Portal Intermediate Post



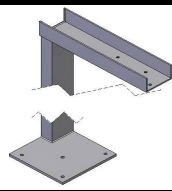
Portal Gable Post (LH)



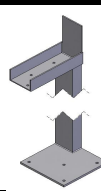
Portal Gable Post (RH)



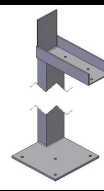
Portal Masonry Post (LH)



Portal Masonry Post (RH)



Portal Adutment Post (LH)



Portal Adutment Post (RH)

All Images Are For Illustration Purposes Only

# Rainwater Goods Page 1

2971 Components 4



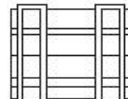
MGU600

Classic Gutter 6



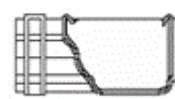
MGU400

Classic Gutter 4m



MJB001

Classic Gutter Joint Bracket



MIA001

Classic Gutter Internal 90  
Degrees



MEA001

Gutter External 90 Degrees



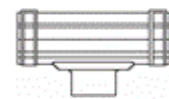
MSE001

Gutter Stop End Left



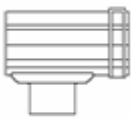
MSE002

Gutter Stop End Right



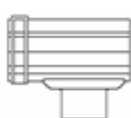
MRO001

Running Outlet Wall Mounted



MSO001

Gutter Stop End outlet Left



MSO002

Gutter Stop End Outlet Right



RWP250

Square Rainwater Pipe 2.5m



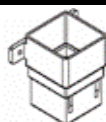
RWP300

Square Rainwater Pipe 3m



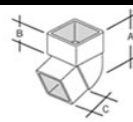
HOP001

Hopper Head



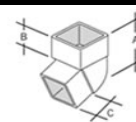
GAD001

Gutter to Square RWP Adaptor



RWO001

Rainwater Pipe 67Deg Obtuse  
Bend Square



RWO087

Rainwater Pipe 87Deg Obtuse  
Bend Square



BES001

Bottom Elbow Shoe



RWP001

Square Rainwater Pipe Branch



RDB001

Adjustable Square Downpipe  
Bracket



UZRW250

Round Downpipe



RWB001

Offset Bend Kit Square



MGO001

Special Gutter Outlet / Tank  
Fitting (Drill and Fit)



UZRW002

Round Downpipe Shoe



UZRW001/1

Round Downpipe Bracket Clip

All Images Are For Illustration Purposes Only



# Rainwater Goods Page 2

2971 Components 5



UZRW001/3

Round Downpipe Bracket

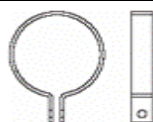
Backplate



RDP068

Rainwater Pipe 67 Deg Obtuse

Bend Round



UZRW001/2

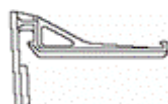
Round Downpipe Bracket Socket

Clip



UZRW003

Round Downpipe End Socket

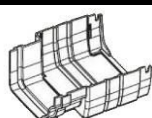


MGB002

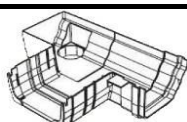
Classic Gutter Screw On Bracket

NOTE : IF USING ULTRAFRAME BOX GUTTER THEN ULTRAFRAME

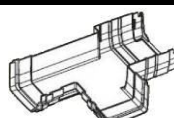
CLASSIC GUTTER MUST BE USED



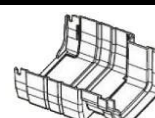
BGAA001R/1



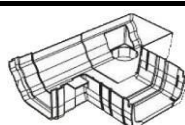
BGAA261R/1



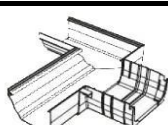
BGAA007R/1



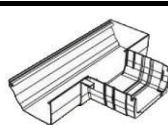
BGAA001L/1



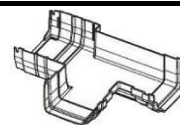
BGAA261L/1



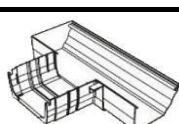
BGAA262L/1



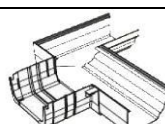
BGAA263L/1



BGAA007L/1



BGAA263R/2



BGAA262R/1

All Images Are For Illustration Purposes Only

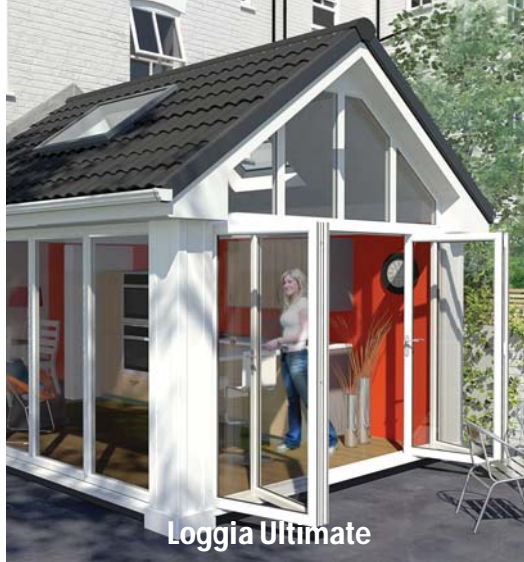




**Loggia Prestige**



**Loggia Premium**



**Loggia Ultimate**

**QUANTAL**

[www.quantal.co.uk](http://www.quantal.co.uk)

**ultraframe**  
Transforming light and space

[www.ultraframe.co.uk](http://www.ultraframe.co.uk)