

Important Note:

Enclosed one set of Decra Oberon Tile drawings.

Please note the drawing enclosed were published prior to name changes that were recently made in the Decra Roof Systems Product range.

The product previously known as the Decra Plain Tile has been re-branded as the Decra Oberon Tile as part of our European harmonisation programme.

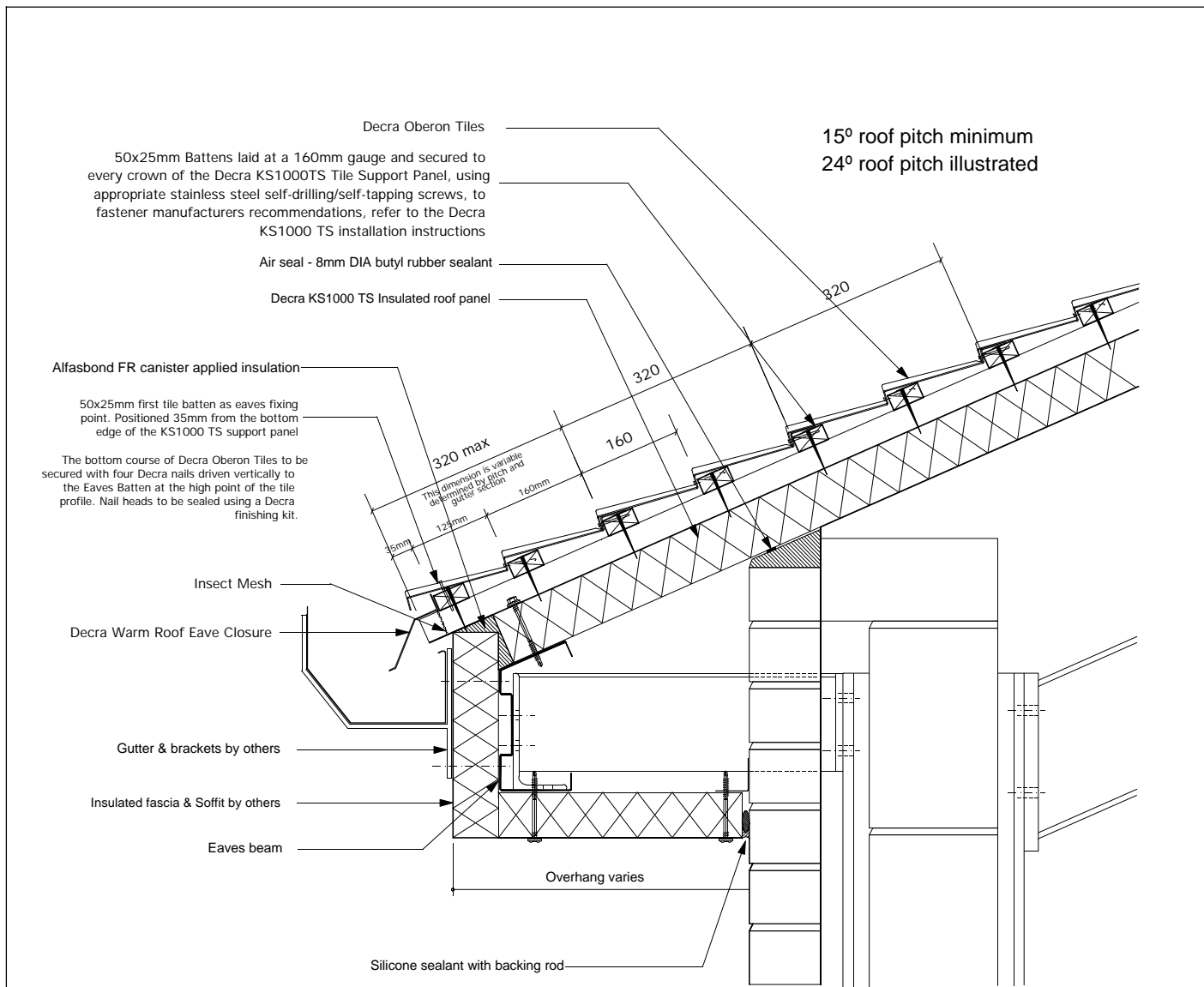
All of the Decra Plain Tile details enclosed also apply to the Decra Oberon Tile profile, only the name has changed.

Yours sincerely

Mark Bell
Technical Manager

Decra Oberon Tile

Drawing no	Description	Shown In Decra Brochure	Most Commonly Used Detail
DPTW010	Warm Roof Eaves Detail Eaves Overhang With Insulated Fascia and Soffit • <i>Warm Roof Eaves Detail</i>		<input checked="" type="checkbox"/>
DPTW011	Warm Roof Eaves Detail No Eaves Overhang • <i>Warm Roof Eaves Detail</i>		<input checked="" type="checkbox"/>
DPTW012	Warm Roof Eaves Detail Eaves Overhang Over Door or Window Opening • <i>Warm Roof Eaves Detail</i>		<input checked="" type="checkbox"/>
DPTW013	Warm Roof Eaves Detail Eaves Gutter and Bracket for Gutter Calculation • <i>Warm Roof Eaves Detail</i>		<input checked="" type="checkbox"/>
DPTW014	Warm Roof Eaves Detail Internal Box Gutter • <i>Warm Roof Eaves Detail at Internal Box Gutter</i>		<input checked="" type="checkbox"/>
DPTW015	Warm Roof Eaves Detail Parapet Box Gutter • <i>Warm Roof Eaves Detail</i>		<input checked="" type="checkbox"/>
DPTW016	Warm Roof Eaves Detail at Dormer Window Head • <i>Warm Roof Eaves Detail at Dormer Window Head</i>		<input checked="" type="checkbox"/>
DPTW020	Warm Roof Hip Detail Using Ridge/Barge Cap ventilated using universal hip/ridge ventilator • <i>Hip detail Using Ridge /Barge Cap</i> • <i>Cutaway Isometric to Hip</i>		<input checked="" type="checkbox"/>
DPTW021	Warm Roof Ventilated Ridge Detail Using ridge/barge cap 370mm Cover universal hip and ridge ventilator • <i>Vented 'D' Ridge Detail</i>		<input checked="" type="checkbox"/>
DPTW024	Warm Roof Mono Ridge Detail using Plain Tile Ridge/Barge Cap and Universal Vent • <i>Mono Ridge Detail</i>		<input checked="" type="checkbox"/>
DPTW030	Warm Roof Ridge detail Mono-Ridge Mansard roof • <i>Mono Ridge Mansard Roof Detail</i>		<input checked="" type="checkbox"/>
DPTW031	Warm Roof Ridge Detail Mono Ridge with Universal D Ridge/Hip Ventilator • <i>Mono Ridge Detail</i>		<input checked="" type="checkbox"/>
DPTW030	Warm Roof Ridge detail Mono-Ridge Mansard roof • <i>Mono Ridge Mansard Roof Detail</i>		<input checked="" type="checkbox"/>
DPTW031	Warm Roof Ridge Detail Mono-Ridge Mansard Roof with Universal Ridge Vent • <i>Mono Ridge Mansard Roof Detail</i>		<input checked="" type="checkbox"/>
DPTW035	Warm Roof Roof Detail • <i>Long Section Through Roof Ventilator</i> • <i>Cross-Section Through Roof Ventilator</i>		<input checked="" type="checkbox"/>
DPTW040	Warm Roof Valley Details • <i>Valley Detail using Lead on Ply Layboards</i> • <i>GRP Valley Detail</i>		<input checked="" type="checkbox"/>
DPTW050	Warm Roof Barge Detail using Plain tile Ridge/Barge Cap (320mm Cover) • <i>Barge detail</i> • <i>Ridge/Barge Component Isometric Barge Isometric Detail</i>		<input checked="" type="checkbox"/>
DPTW052	Warm Roof Abutment Details With Secret Gutter • <i>Abutment Detail With Secret Gutter Detail at Crown Abutting Vertical Surface</i> • <i>Abutment Detail With secret Gutter Detail at Valley Abutting Vertical surface</i>		<input checked="" type="checkbox"/>
DPTW054	Warm Roof Abutment details Without Side Flashings • <i>Abutment Detail Without Side Flashing Detail at Crown Abutting Vertical Surface</i> • <i>Abutment Detail Without Side Flashing Detail at Valley Abutting Vertical Surface</i>		<input checked="" type="checkbox"/>
DPTW052	Warm Roof Raking Verge Details • <i>Raking Verge Detail</i> • <i>Raking verge Detail with Gutter</i> • <i>Cutaway Isometric to Raking Verge</i>		
DPTW053	Warm Roof Abutment Details with Side Flashing • <i>Abutment Detail with Side Flashing detail at Crown Asbutting Vertical Surface</i> • <i>Abutment Detail with Side Flashing Detail at Valley Abutting Vertical Surface</i>		<input checked="" type="checkbox"/>





Warm Roof Eaves Detail
Scale 1:10

Notes:

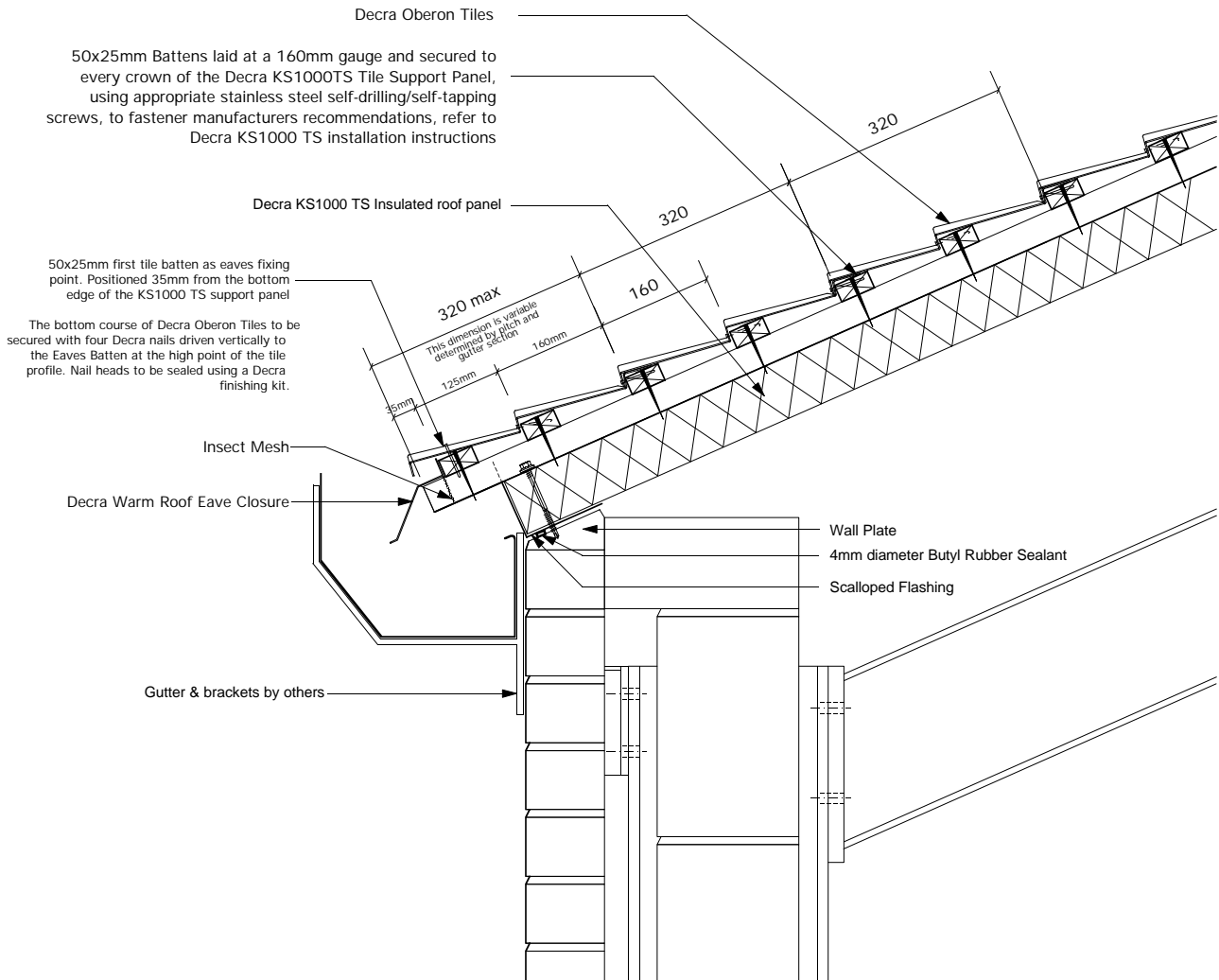
This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS003

 <p>Decra[®] Roof Systems Limited</p> <p>A member of the Icopal Group</p>		<p>Unit 4 Crompton Fields Crompton Way Crawley West Sussex RH10 9QB</p> <p>telephone: (01293) 545058/9 fax: (01293) 562709 email: technical@decra.co.uk web-Site: http://www.decra.co.uk</p>	<h2>DECRA OBERON TILE</h2>			
			<p>CONTENT WARM ROOF EAVES DETAIL EAVES OVERHANG WITH INSULATED FASCIA AND SOFFIT</p>			
			DRAWING SCALE	<p>1:10</p>	DATE	<p>20/01/04</p>
			DRAWING NO	<p>DPTW010</p>	REVISION	

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15° roof pitch minimum
24° roof pitch illustrated



Warm Roof Eaves Detail
Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS010

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DECRA OBERON TILE

CONTENT **WARM ROOF EAVES DETAIL
NO EAVES OVERHANG**

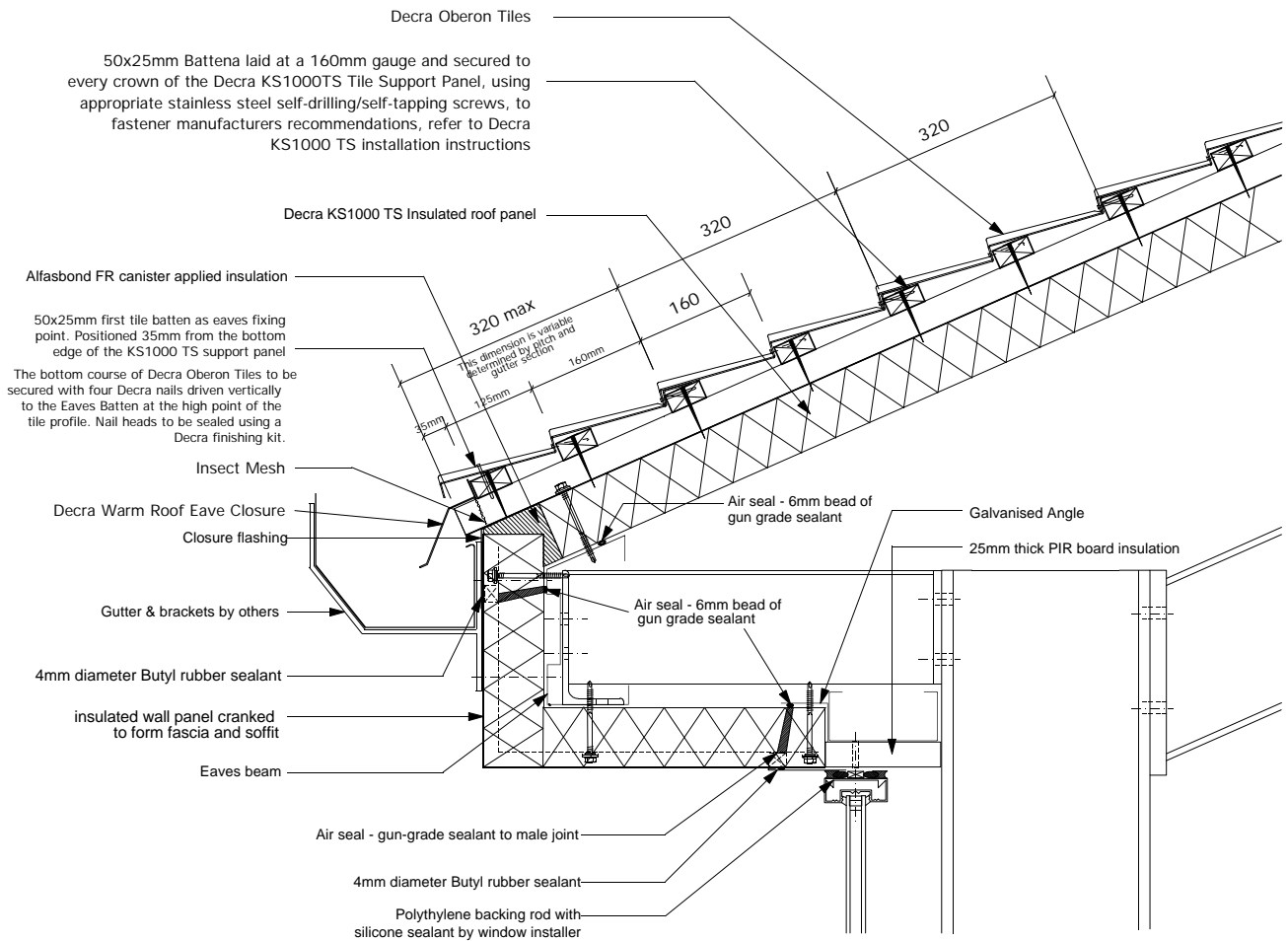
DRAWING SCALE **1:10**

DATE **20/01/04**

DRAWING NO **DPTW011**

REVISION

15° roof pitch minimum
24° roof pitch illustrated



Warm Roof Eaves Detail
Scale 1:10

Notes:

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TS011

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CONTENT **WARM ROOF EAVES DETAIL
EAVES OVERHANG OVER
DOOR OR WINDOW OPENING**

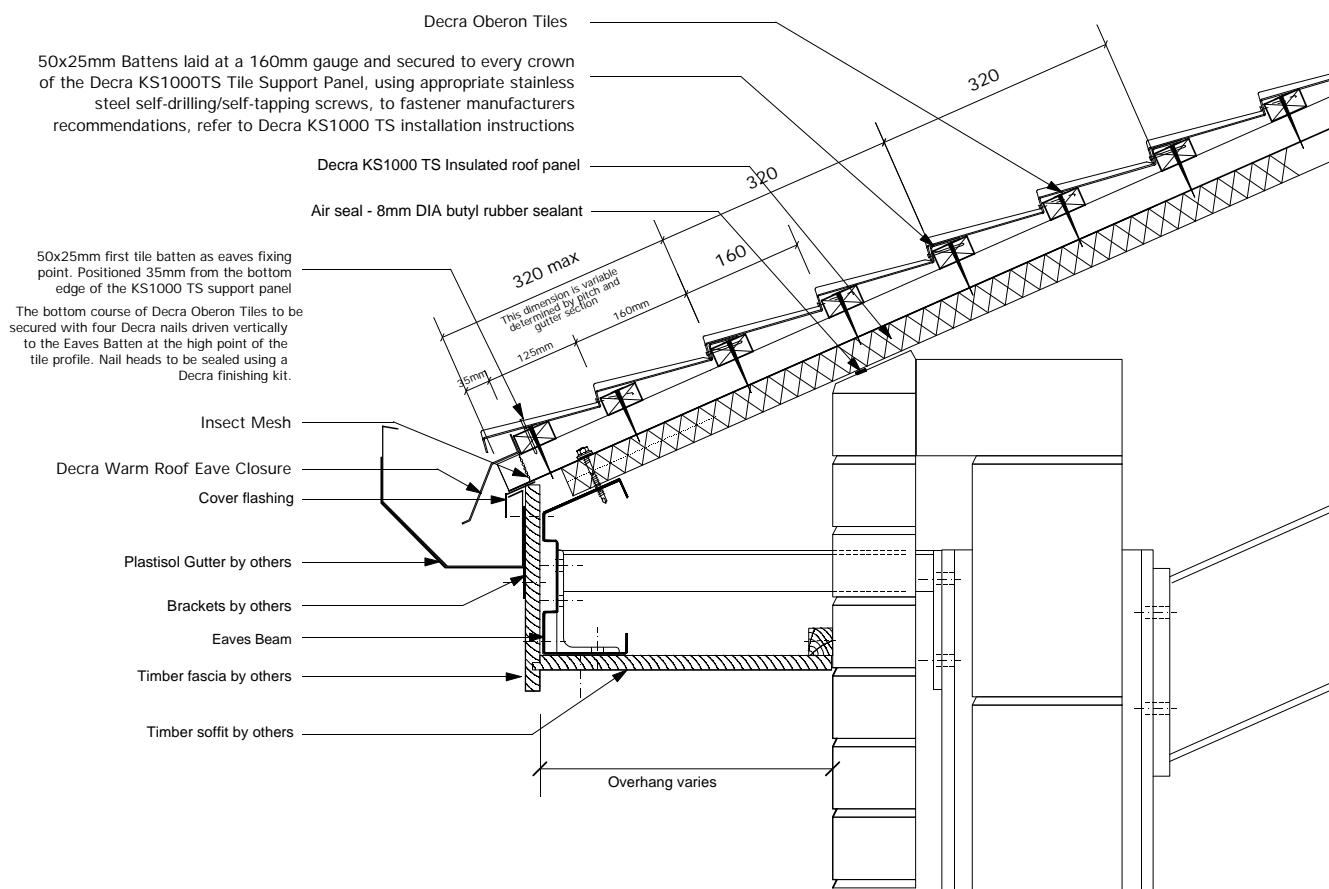
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DATE **20/01/04**

DRAWING NO **DPTW012**

REVISION

15° roof pitch minimum
24° roof pitch illustrated



Warm Roof Eaves Detail
Scale 1:10

Notes:

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CONTENT **WARM ROOF EAVES DETAIL
EAVES GUTTER AND BRACKET
FOR GUTTER CALCULATION**

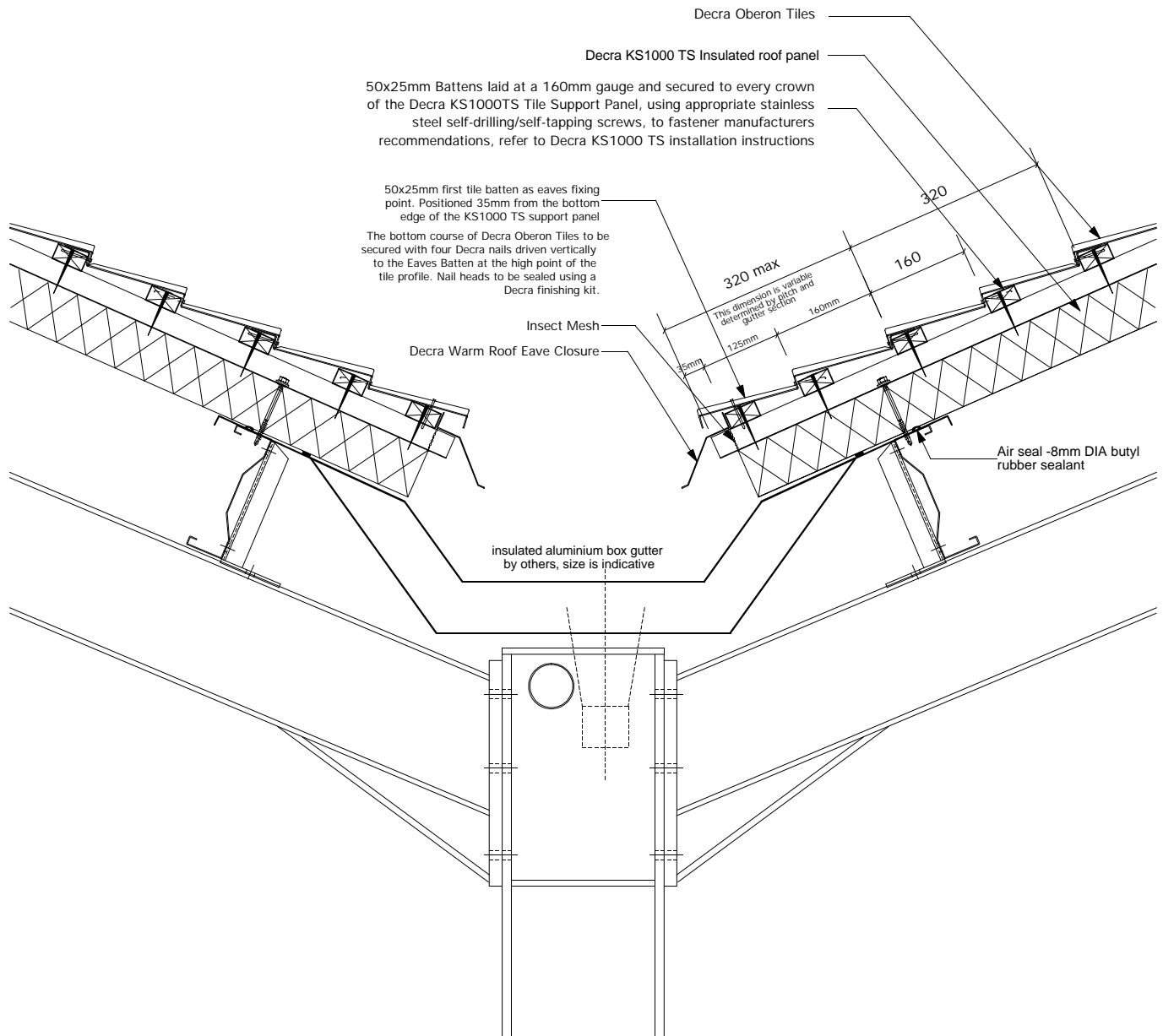
DRAWING SCALE **1:10**

DATE **20/01/04**

DRAWING NO **DPTW013**

REVISION

15° roof pitch minimum
24° roof pitch illustrated



Warm Roof Eaves Detail at internal box gutter
Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS009

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DECRA OBERON TILE

CONTENT

**WARM ROOF EAVES DETAIL
INTERNAL BOX GUTTER**

DRAWING SCALE

1:10

DATE

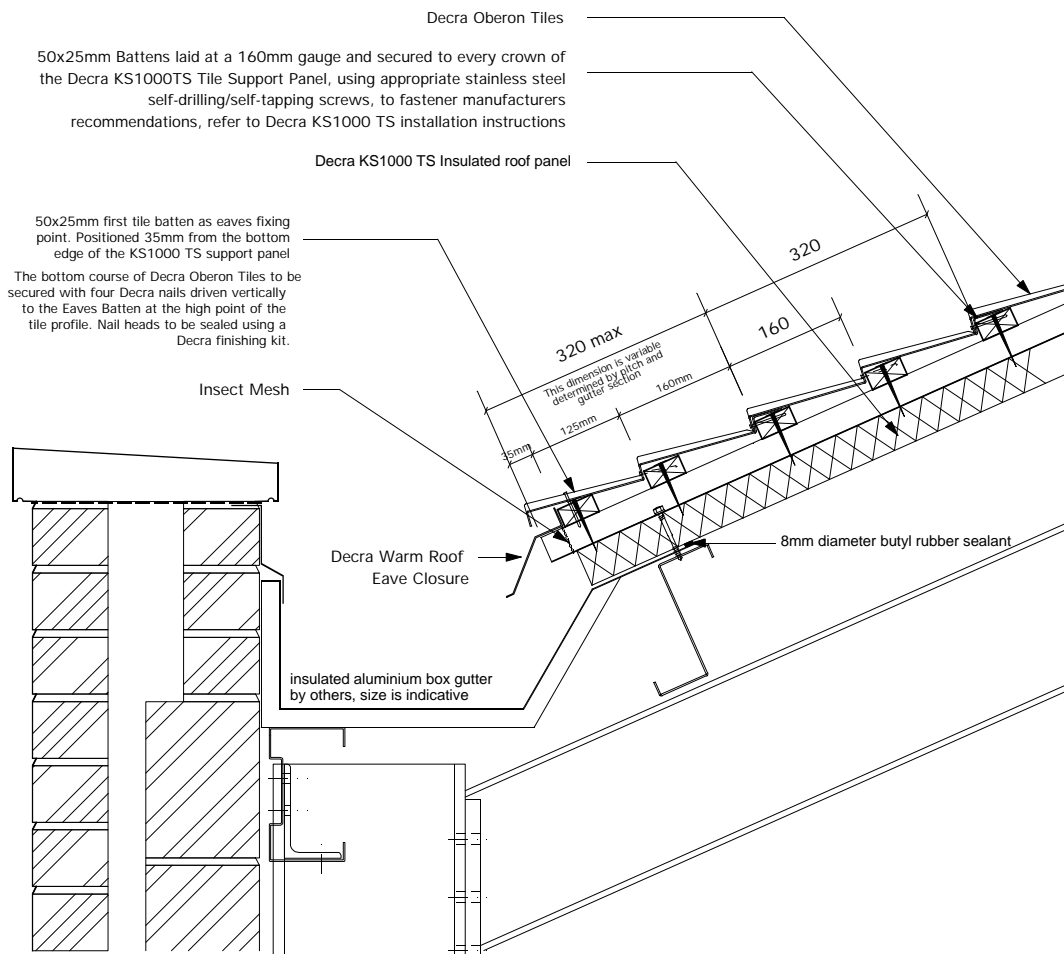
20/01/04

DRAWING NO

DPTW014

REVISION

15° roof pitch minimum
24° roof pitch illustrated



Warm Roof Eaves Detail
Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS018

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DECRA OBERON TILE

CONTENT

**WARM ROOF EAVES DETAIL
PARAPET BOX GUTTER**

DRAWING SCALE

1:10

DATE

20/01/04

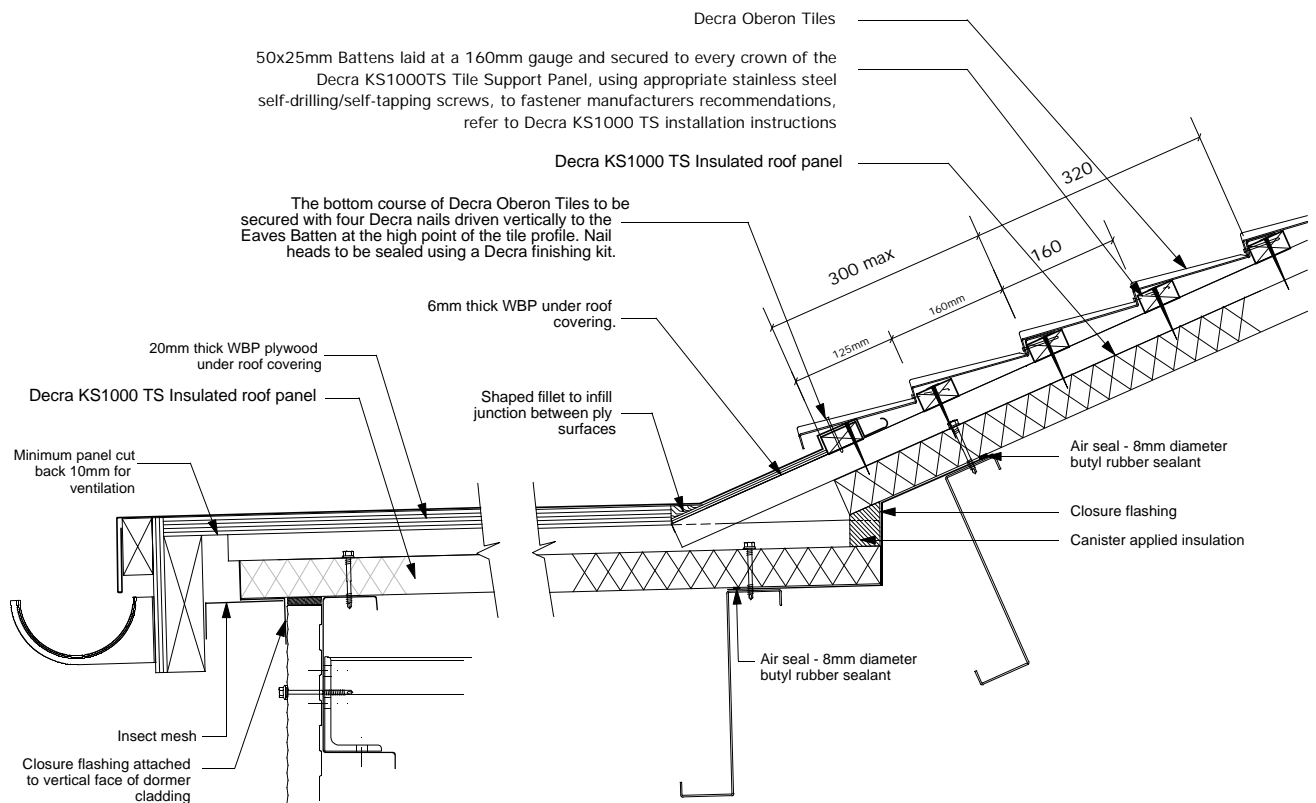
DRAWING NO

DPTW015

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15° roof pitch minimum
24° roof pitch illustrated



Warm Roof Eaves Detail at dormer window head

Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS020

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DECRA OBERON TILE

CONTENT

**WARM ROOF EAVES DETAIL
AT DORMER WINDOW HEAD**

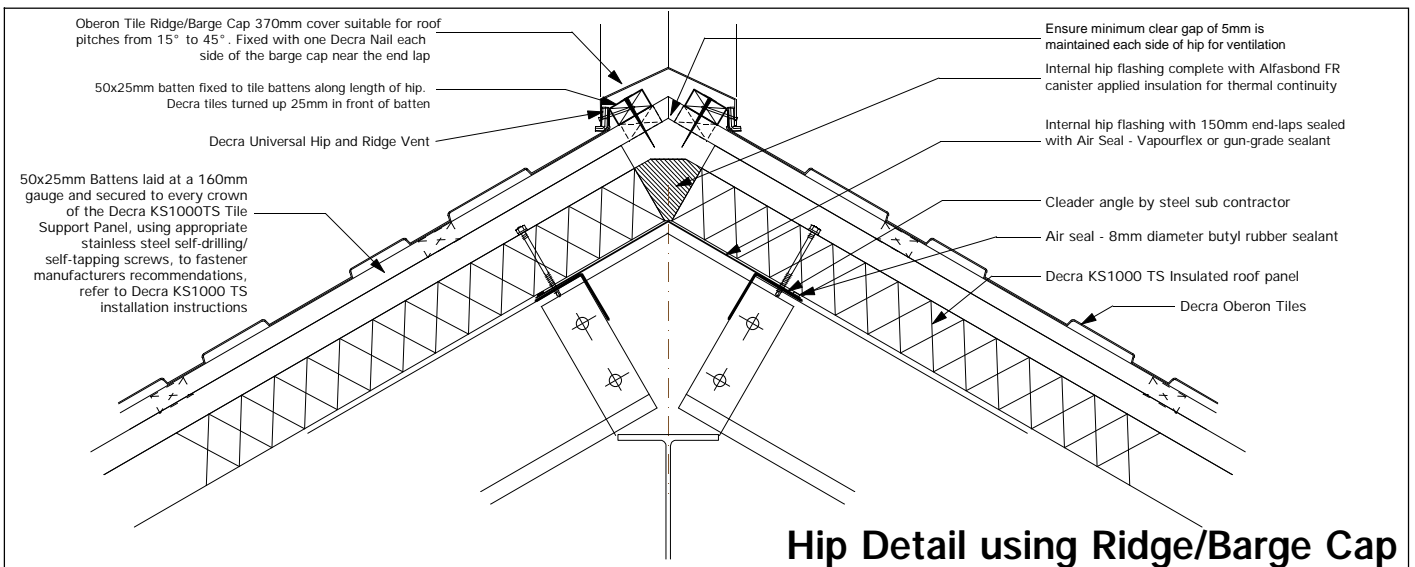
DRAWING SCALE **1:10**

DATE **24/01/04**

DRAWING NO **DPTW016**

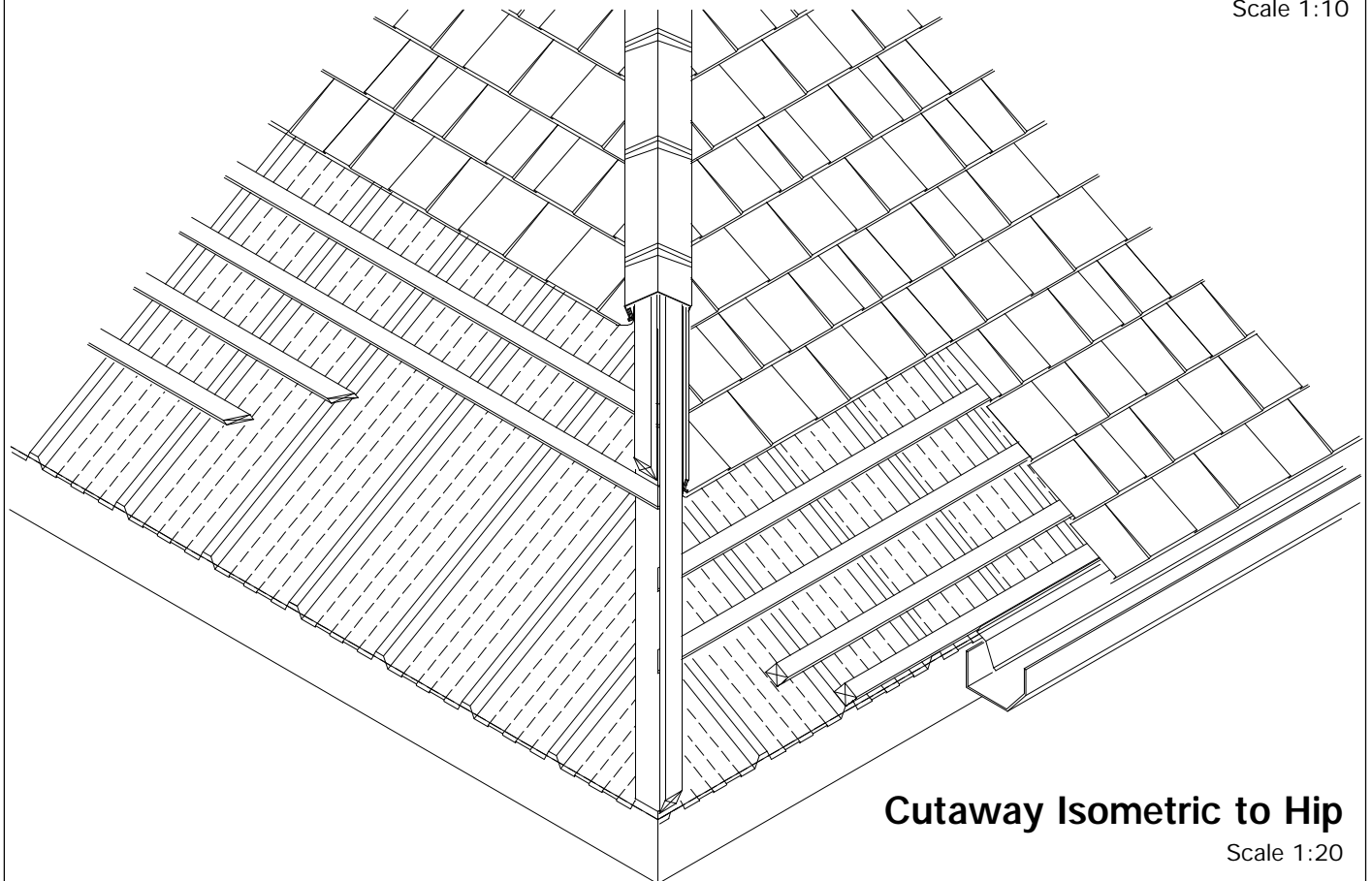
REVISION

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Hip Detail using Ridge/Barge Cap

Scale 1:10



Cutaway Isometric to Hip

Scale 1:20

Notes:

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TS004

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DECRA OBERON TILE

CONTENT

WARM ROOF

**HIP DETAIL USING RIDGE/BARGE CAP
VENTILATED USING UNIVERSAL HIP/RIDGE VENTILATOR**

DRAWING SCALE

1:10

DATE

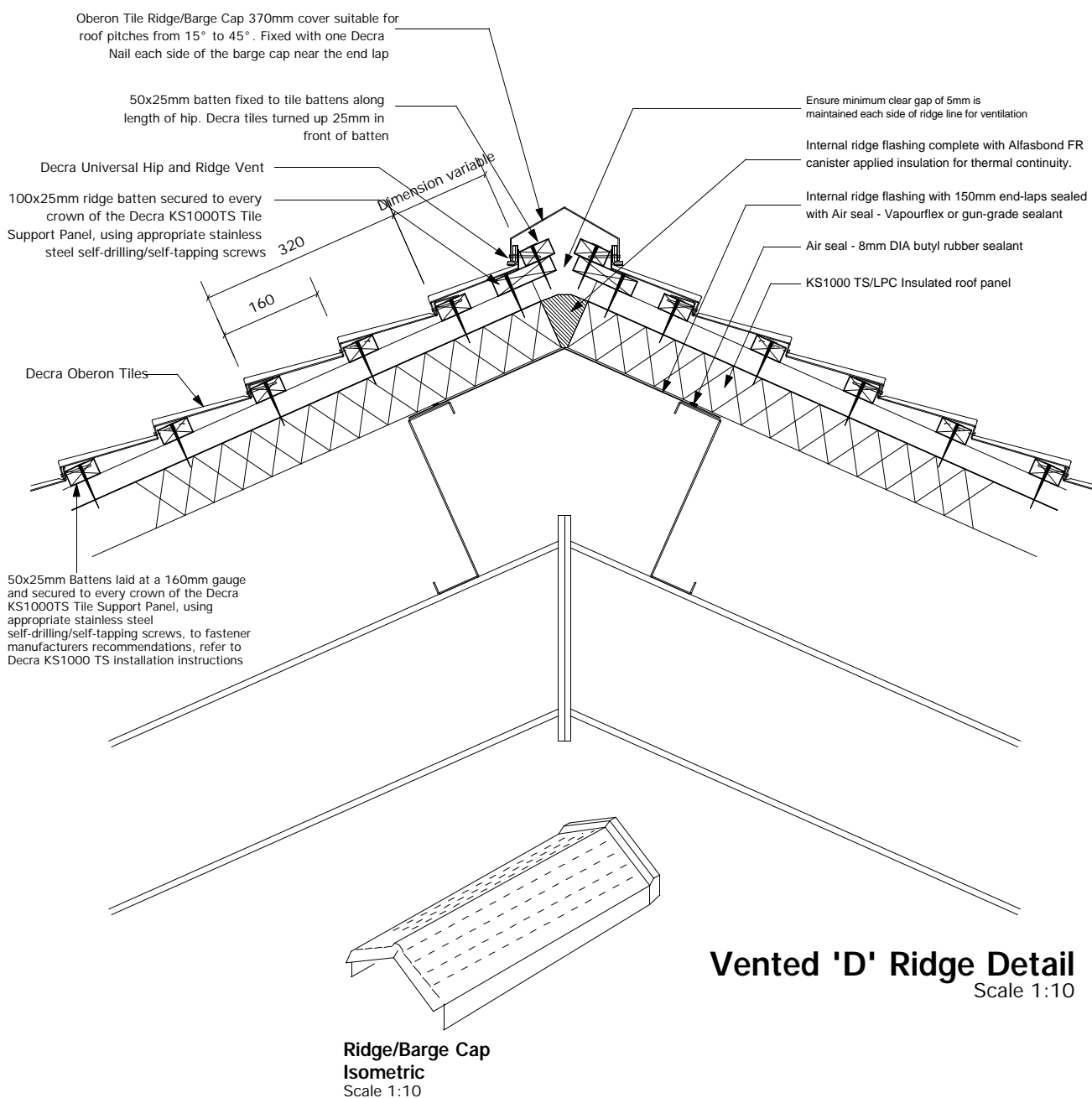
21/01/04

DRAWING NO

DPTW020

REVISION

15° minimum
24° illustrated



Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS002

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DECRA OBERON TILE

CONTENT

**WARM ROOF
VENTILATED RIDGE DETAIL
USING RIDGE/BARGE CAP 370mm COVER
and DECRA UNIVERSAL HIP AND RIDGE VENTILATOR**

DRAWING SCALE

1:10

DATE

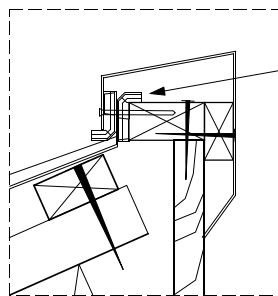
21/01/04

DRAWING NO

DPTW021

REVISION

15° minimum
24° illustrated



Decra Universal vents laid back to back, with tile upstand between.

Enlargement at Mono-Ridge
scale 1:5

Oberon Tile Ridge/Barge Cap used as a Mono-Pitch ridge capping piece, fixed with one Decra nail each side close to the end lap

50x25mm batten fixed to top of fascia, and 38x19mm batten fixed to outer face of fascia

2No Decra Universal vents laid back to back, see 1:5 scale enlarged detail, Oberon Tile turned up 25mm against face of batten

50x25mm ridge batten

Dimension variable

320mm

160

Air seal - Continuous bead of gun grade sealant

Internal closure flashing with 150mm laps Air sealed with Vapourflex or gun grade sealant

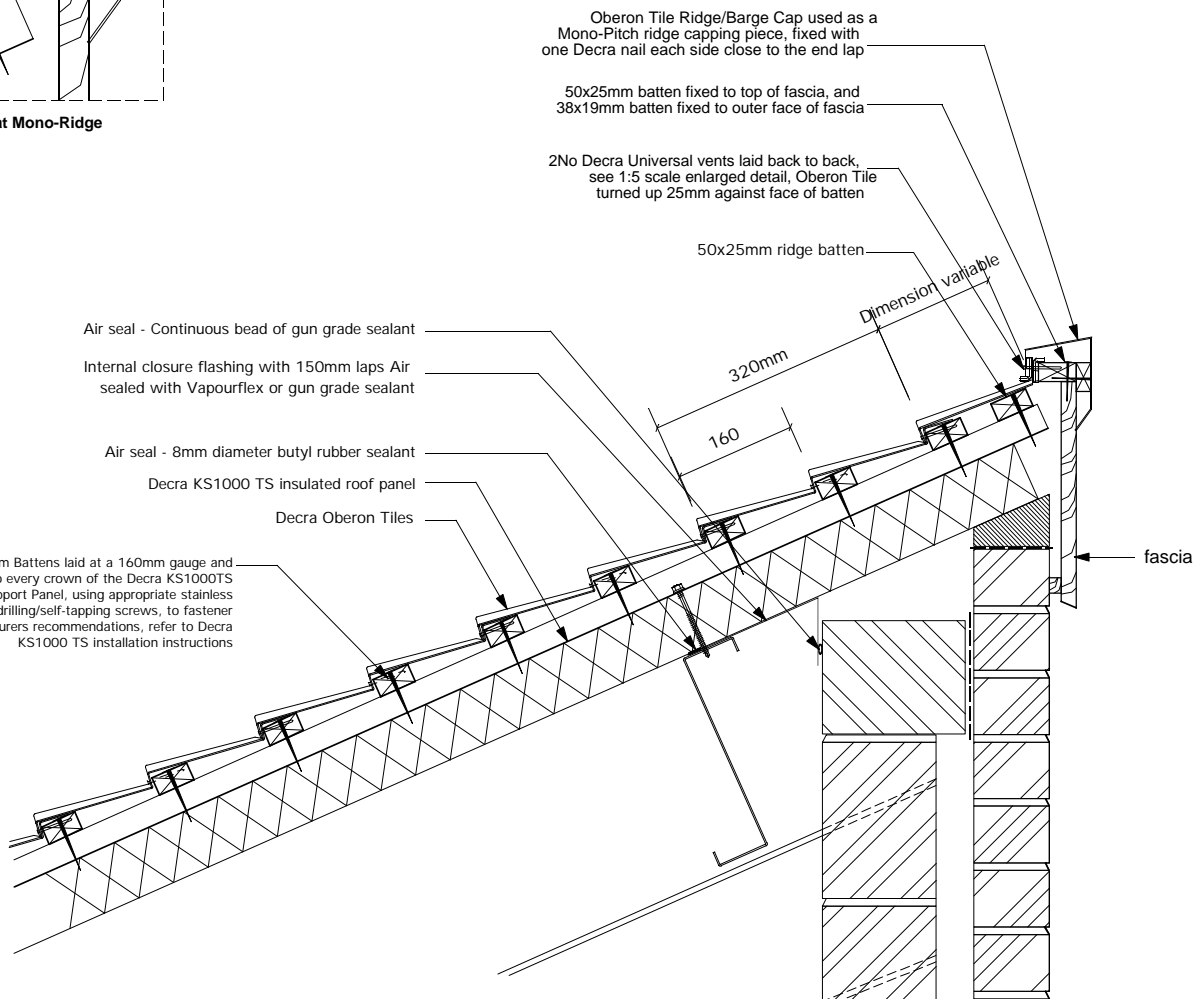
Air seal - 8mm diameter butyl rubber sealant

Decra KS1000 TS insulated roof panel

Decra Oberon Tiles

50x25mm Battens laid at a 160mm gauge and secured to every crown of the Decra KS1000TS Tile Support Panel, using appropriate stainless steel self-drilling/self-tapping screws, to fastener manufacturers recommendations, refer to Decra KS1000 TS installation instructions

fascia



Mono Ridge Detail
Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS007

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DECRA OBERON TILE

CONTENT **WARM ROOF MONO-RIDGE DETAIL
USING OBERON TILE RIDGE/BARGE CAP
AND DECRA UNIVERSAL VENT**

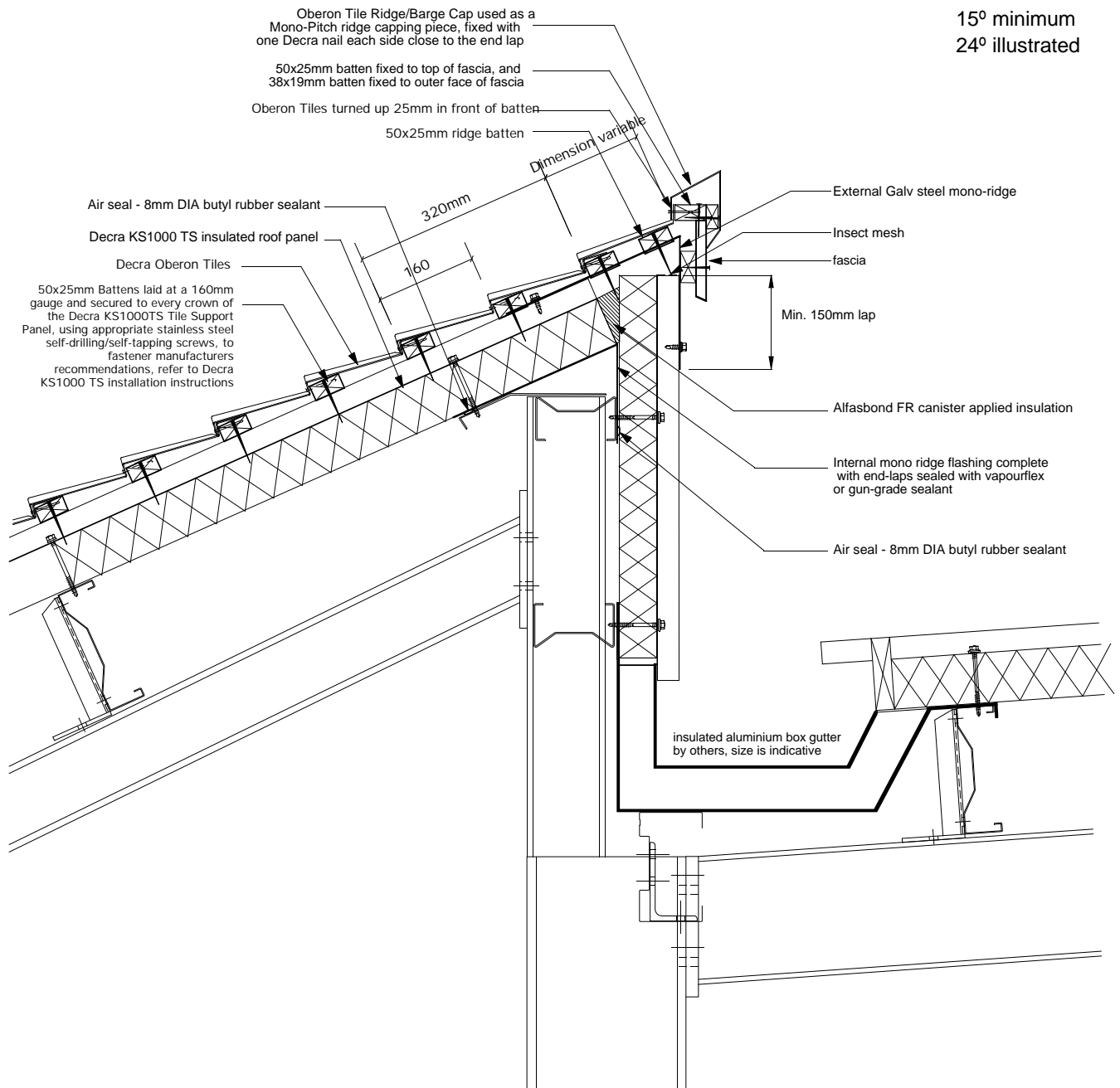
DRAWING SCALE **1:10**

DATE **21/01/04**

DRAWING NO **DPTW024**

REVISION

15° minimum
24° illustrated



Mono Ridge Mansard Roof Detail
Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS008

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DECRA OBERON TILE

CONTENT **WARM ROOF RIDGE DETAIL
MONO-RIDGE MANSARD ROOF**

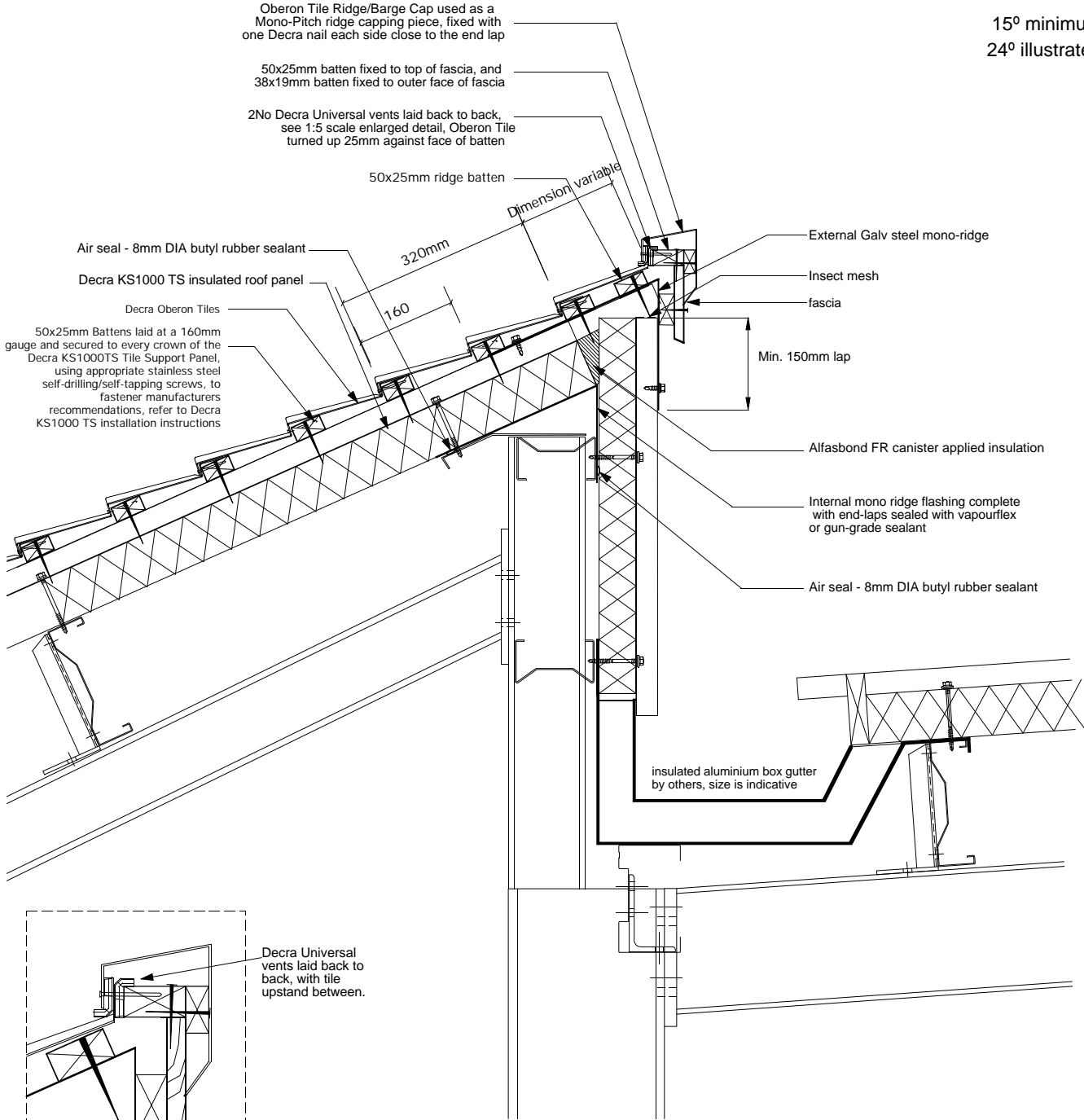
DRAWING SCALE **1:10**

DATE **24/01/04**

DRAWING NO **DPTW030**

REVISION

15° minimum
24° illustrated



Mono Ridge Mansard Roof Detail
Scale 1:10

Notes:
This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS008

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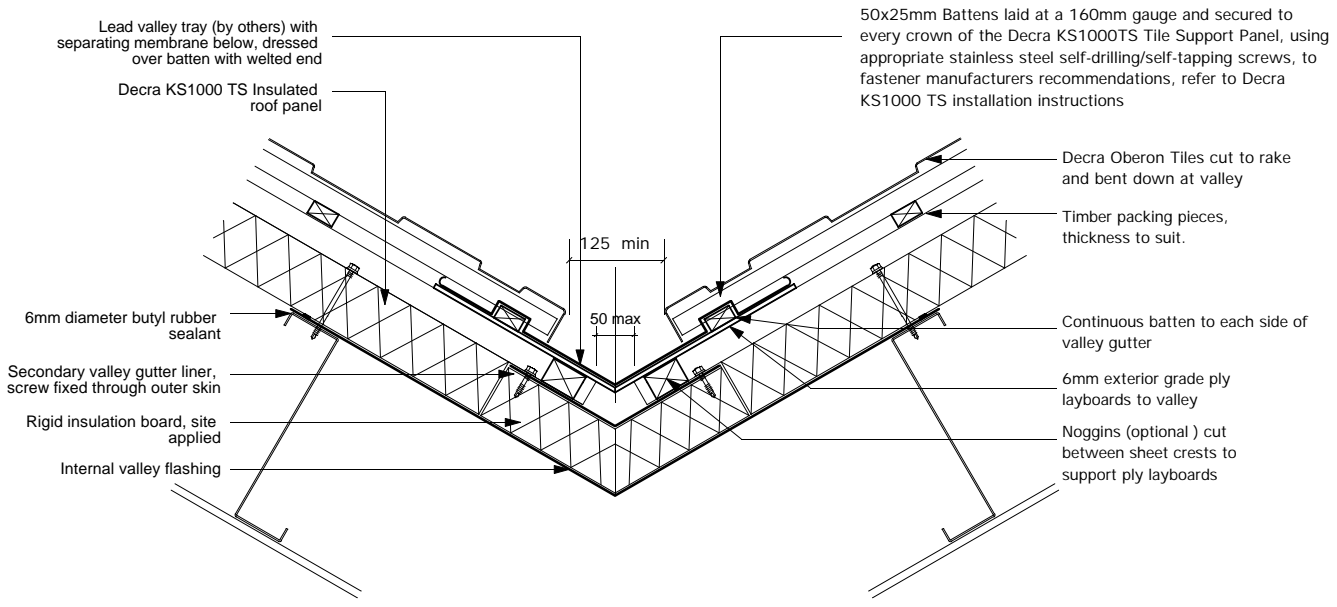


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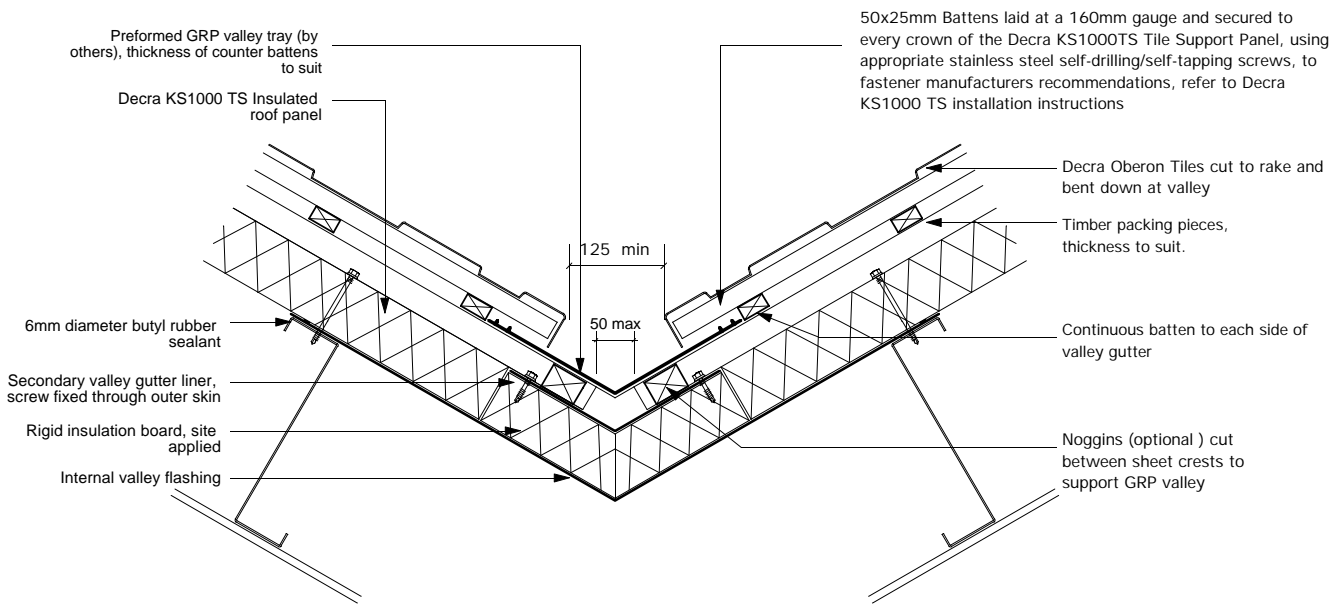
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DECRA OBERON TILE		
WARM ROOF RIDGE DETAIL MONO-RIDGE MANSARD ROOF WITH DECRA UNIVERSAL RIDGE VENT		
DRAWING SCALE	1:10	DATE 24/01/04
DRAWING NO	DPTW031	REVISION



Valley Detail using lead on ply layboards

Scale 1:10



GRP Valley Detail

Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

Valley gutter sizes to be adjusted as required to comply with calculated width requirements of Code Of Practice as set out in BS 5534: Part1

The timber packing pieces are used to raise the tiling battens above the level of the sheet crests to create an upstand for the valley tray, and should be reduced from minimum 19mm thick across three or more sheet crests to avoid a visible rise in the tiling.

TS---

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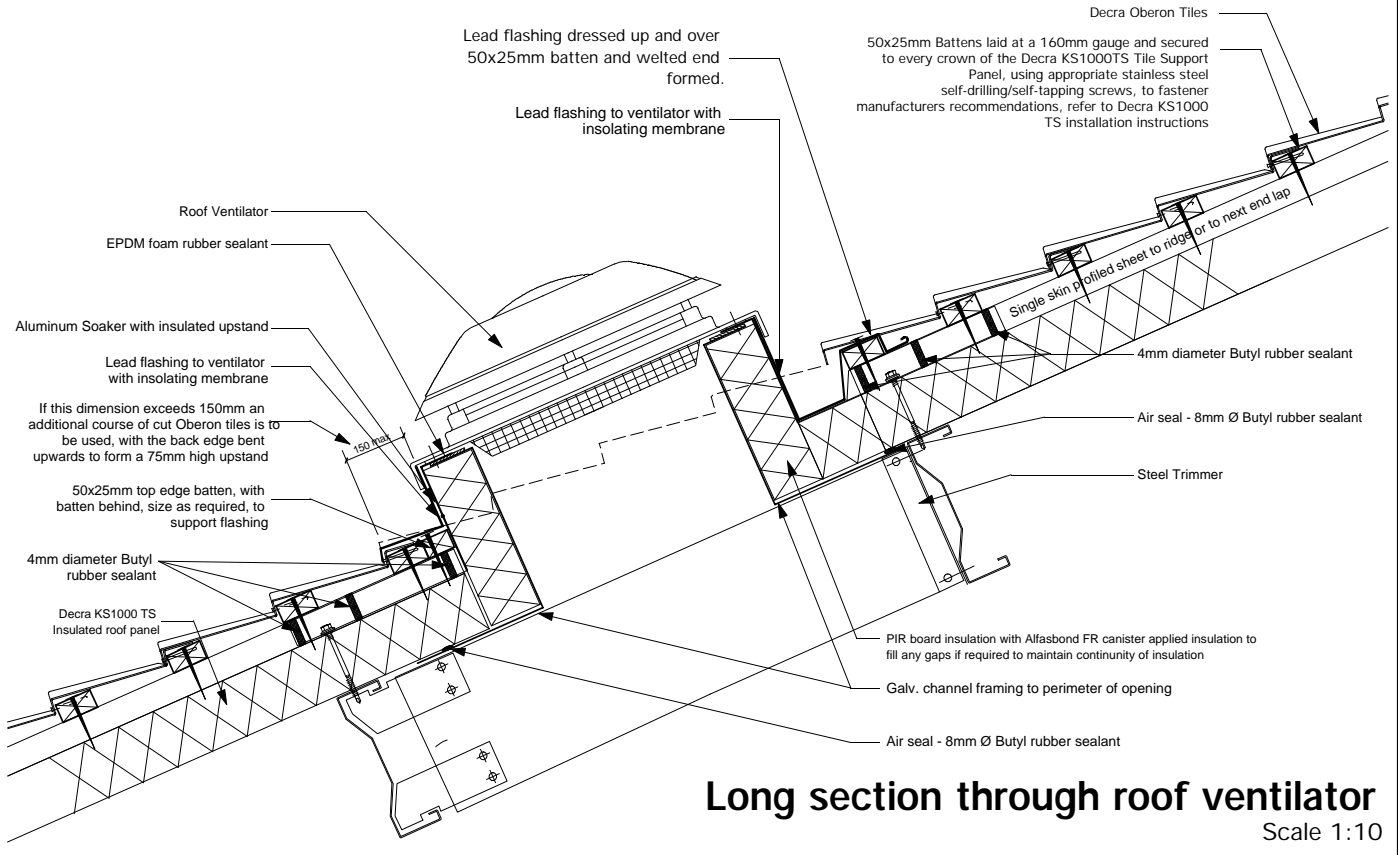
**ico
pal**

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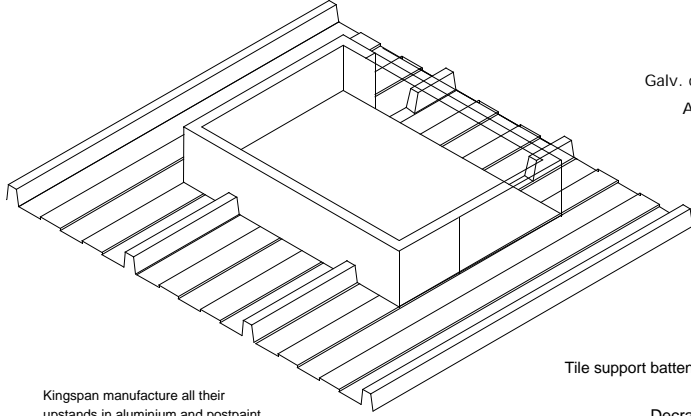
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DECRA OBERON TILE		
CONTENT	WARM ROOF VALLEY DETAILS	
DRAWING SCALE	1:10	DATE 24/01/04
DRAWING NO	DPTW035	REVISION

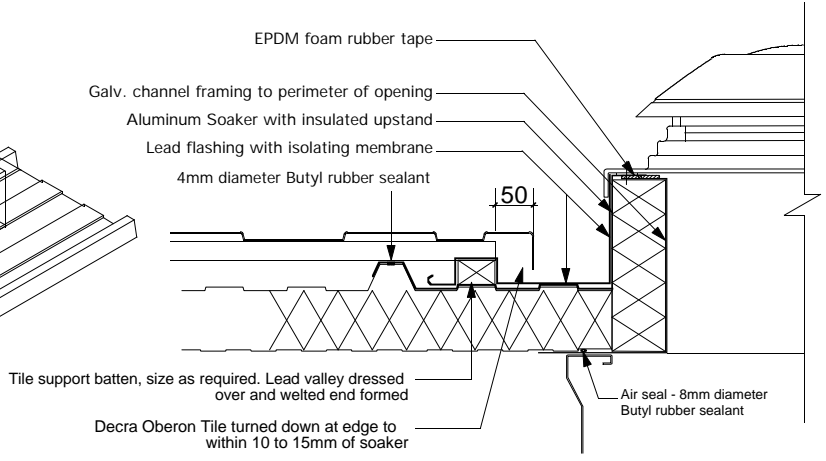


Long section through roof ventilator
Scale 1:10



Kingspan manufacture all their upstands in aluminium and postpaint to matching roof colour.
Note: correct, width, length & upstand lip should be specified

Isometric of upstand flashing
not to scale



Cross-section through roof ventilator
Scale 1:10

Notes:

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TS014

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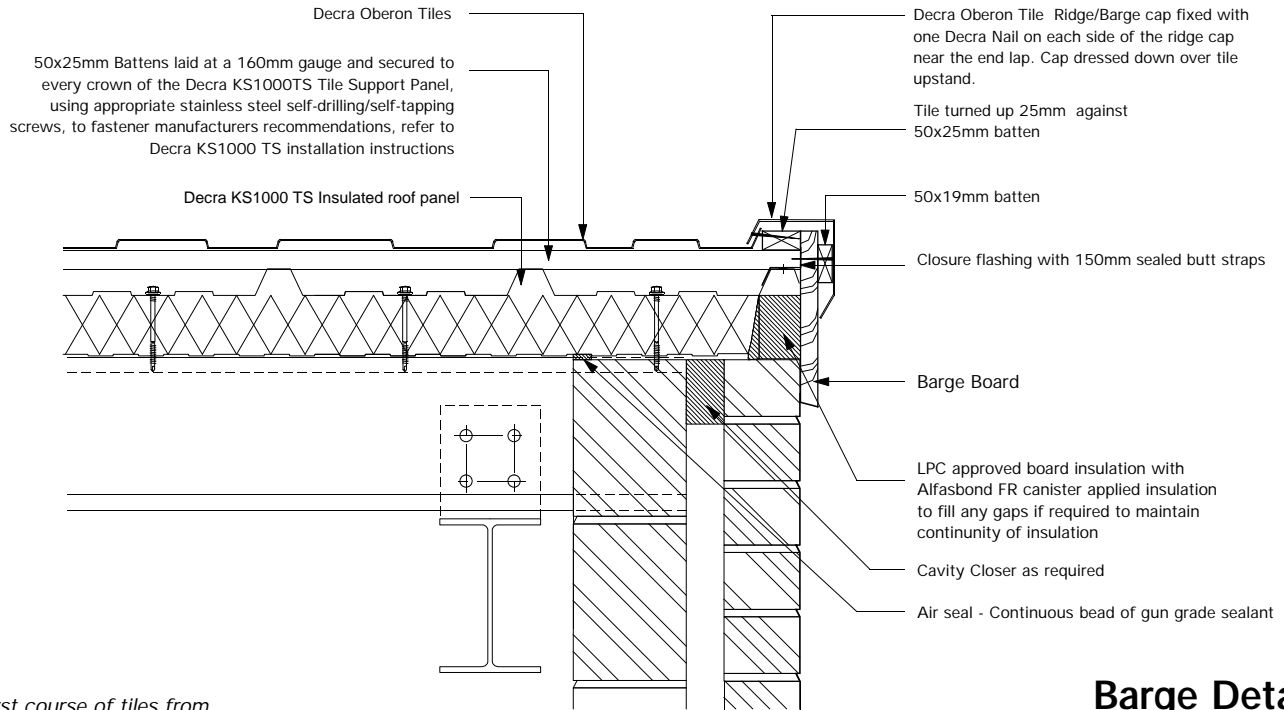


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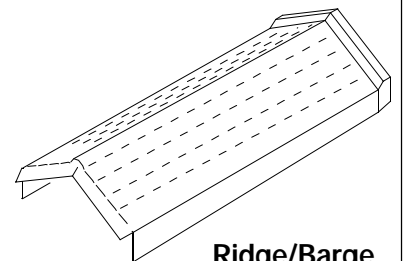
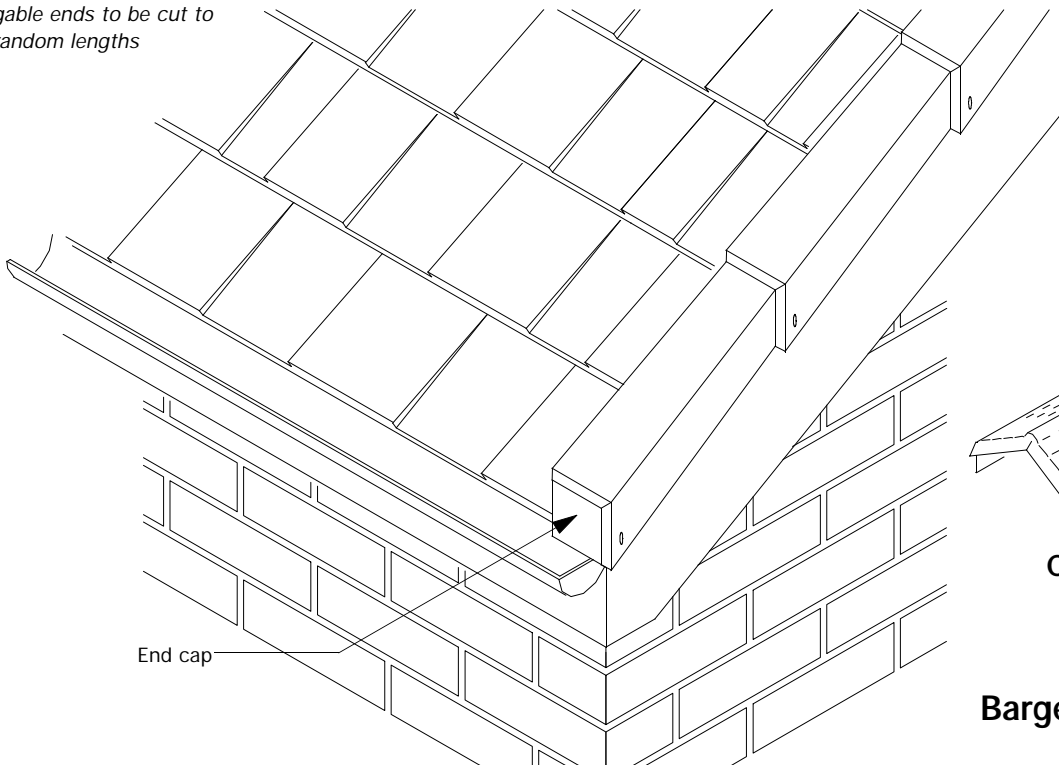
DECRA OBERON TILE		
CONTENT	WARM ROOF ROOF VENTILATOR	
DRAWING SCALE	1:10	DATE 24/01/04
DRAWING NO	DPTW040	REVISION



Barge Detail

Scale 1:10

First course of tiles from gable ends to be cut to random lengths



Ridge/Barge Component Isometric

Scale 1:10

Barge Isometric Detail

Scale 1:10

Notes:

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TS006

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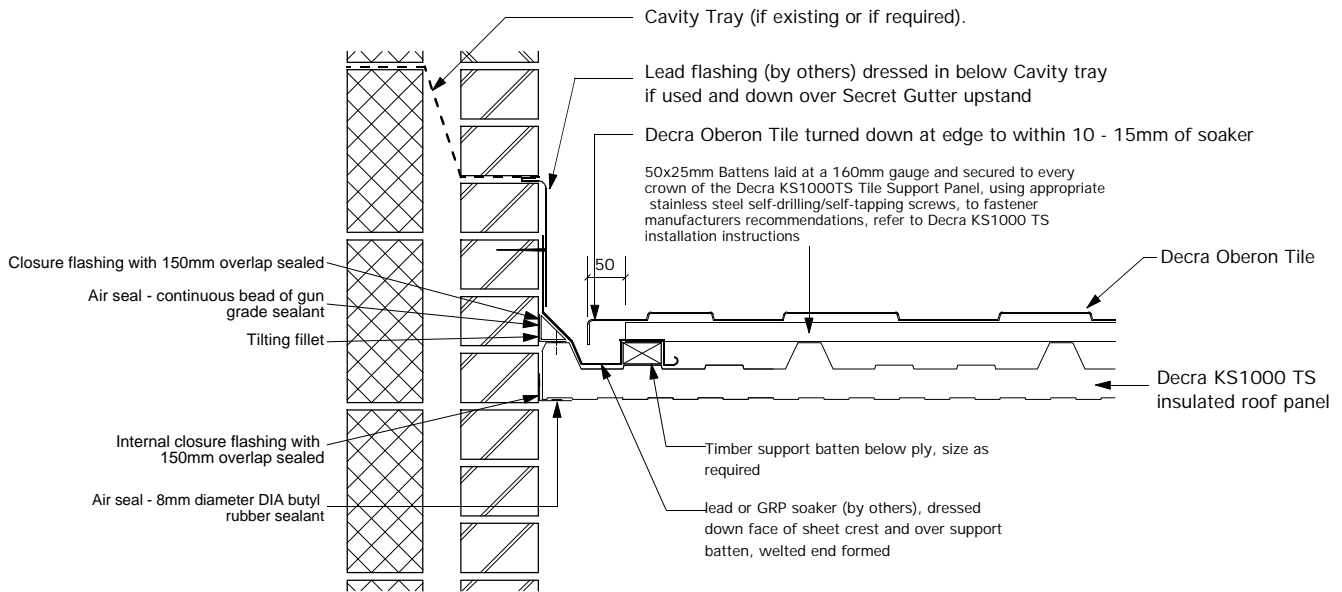
CONTENT
**WARM ROOF
BARGE DETAIL USING OBERON TILE
RIDGE/BARGE CAP (320mm COVER)**

DRAWING SCALE
1:10

DATE
24/01/04

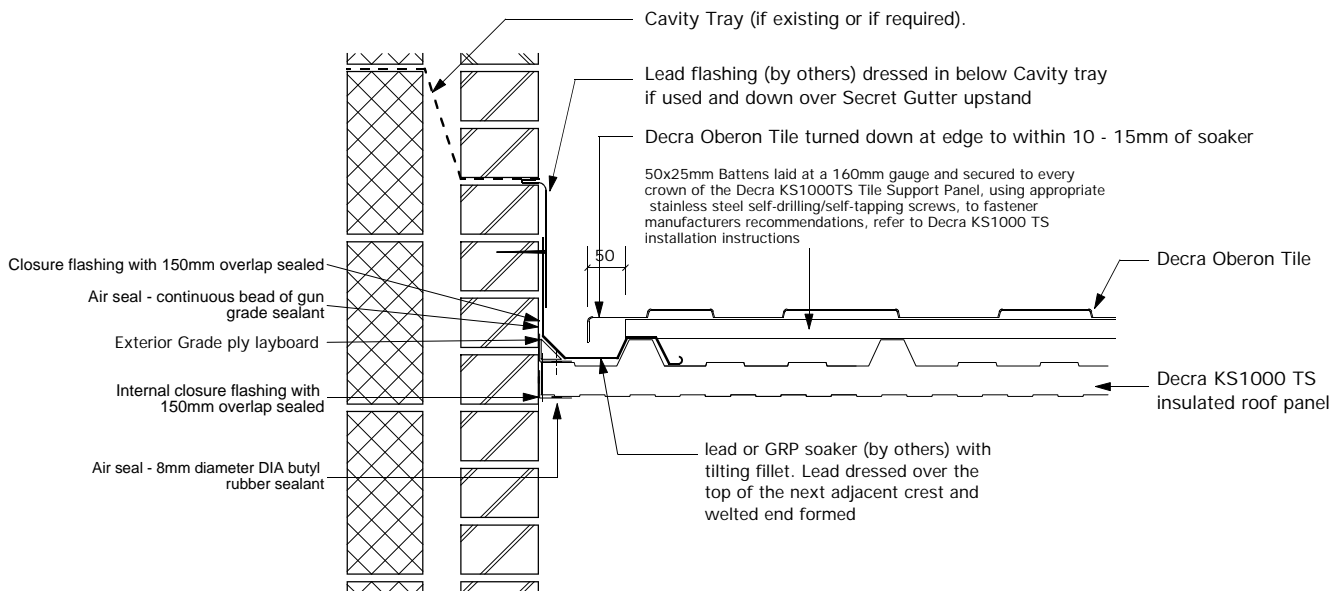
DRAWING NO
DPTW050

REVISION



Abutment Detail With Secret Gutter Detail at Crown abutting vertical surface

Scale 1:10



Abutment Detail With Secret Gutter Detail at Valley abutting vertical surface

Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

Abutment Detail with Secret Gutter suitable only for roofs of pitch 25° or greater.

TS021

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DECRA OBERON TILE

CONTENT

**WARM ROOF
ABUTMENT DETAILS
WITH SECRET GUTTER**

DRAWING SCALE

1:10

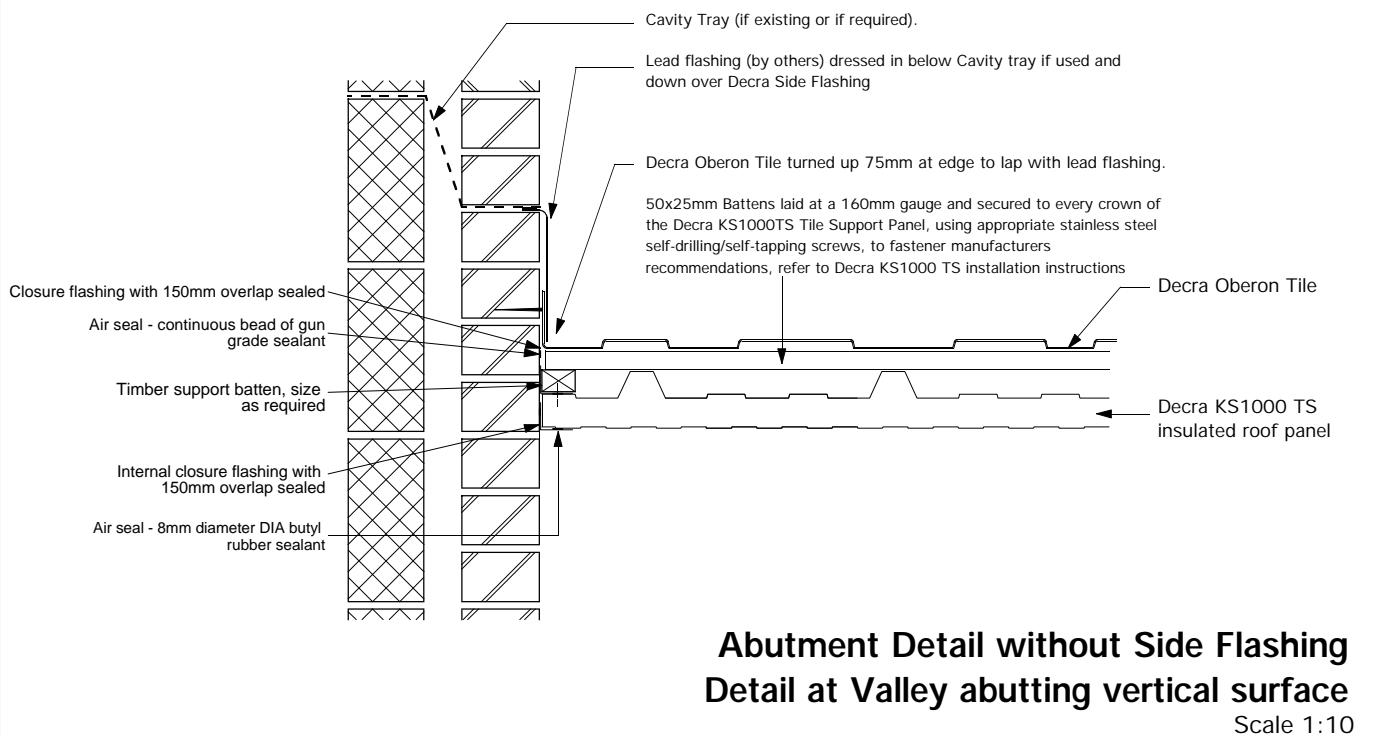
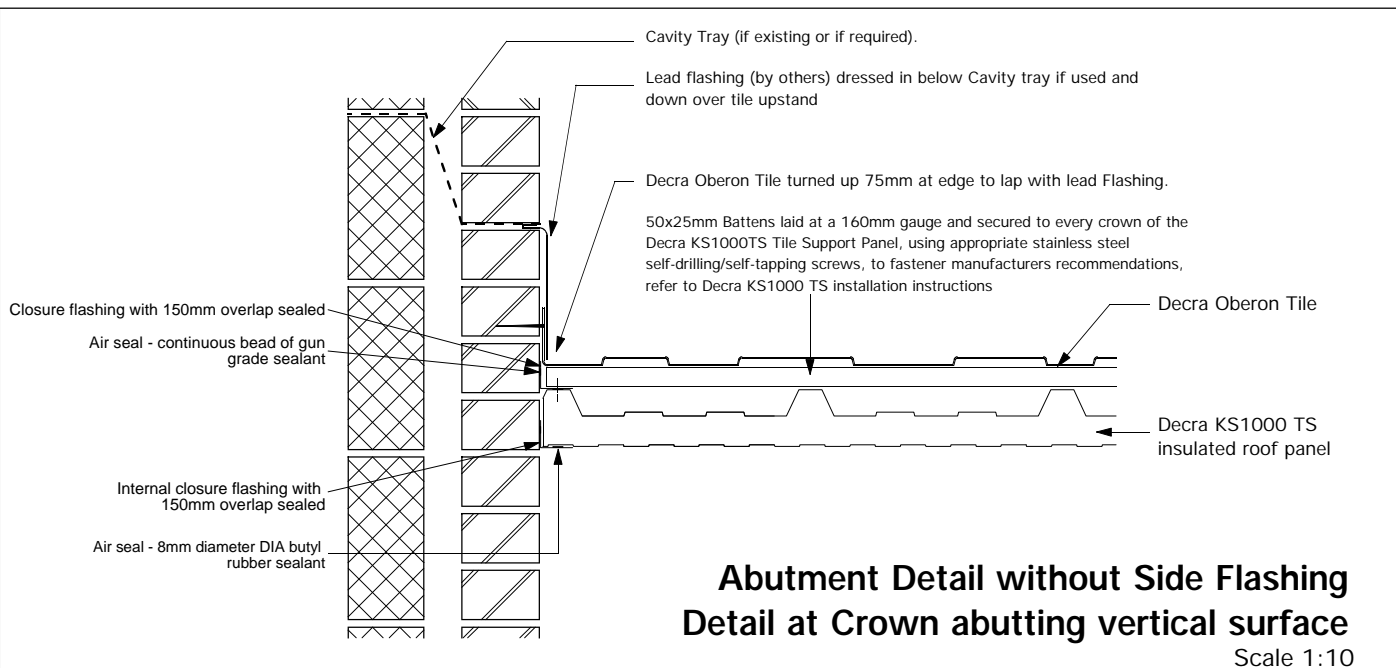
DATE

24/01/04

DRAWING NO

DPTW052

REVISION



Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

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DECRA OBERON TILE

CONTENT

**WARM ROOF
ABUTMENT DETAILS
WITHOUT SIDE FLASHING**

DRAWING SCALE

1:10

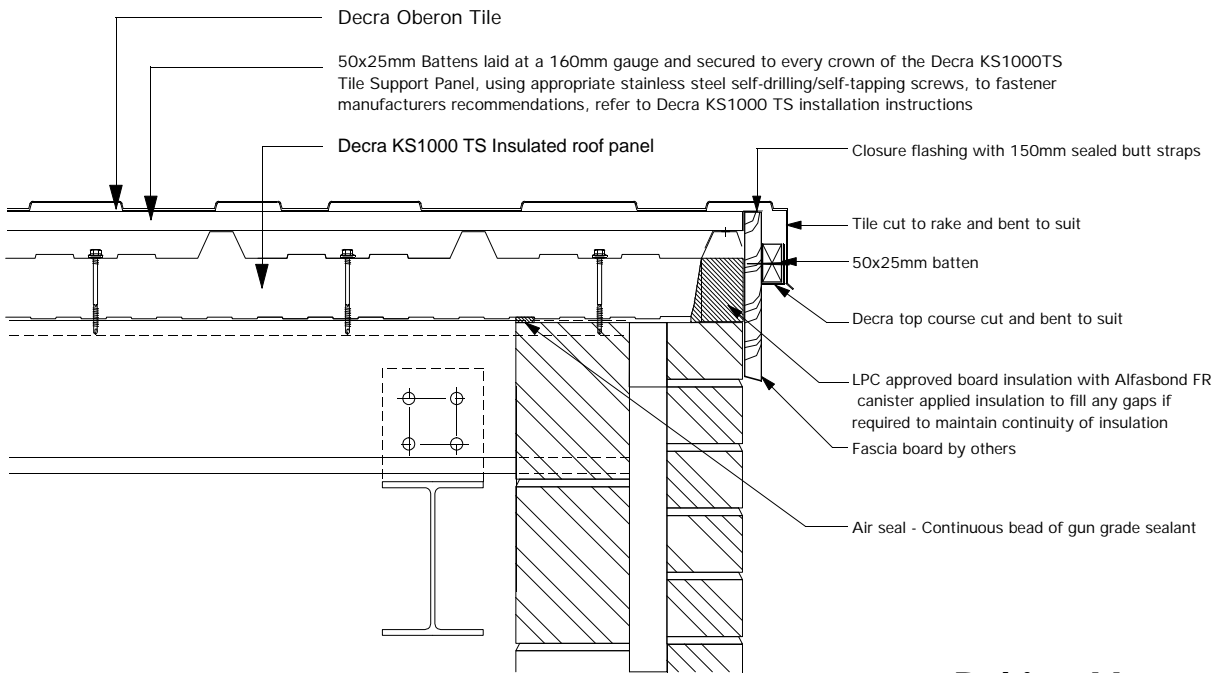
DATE

24/01/04

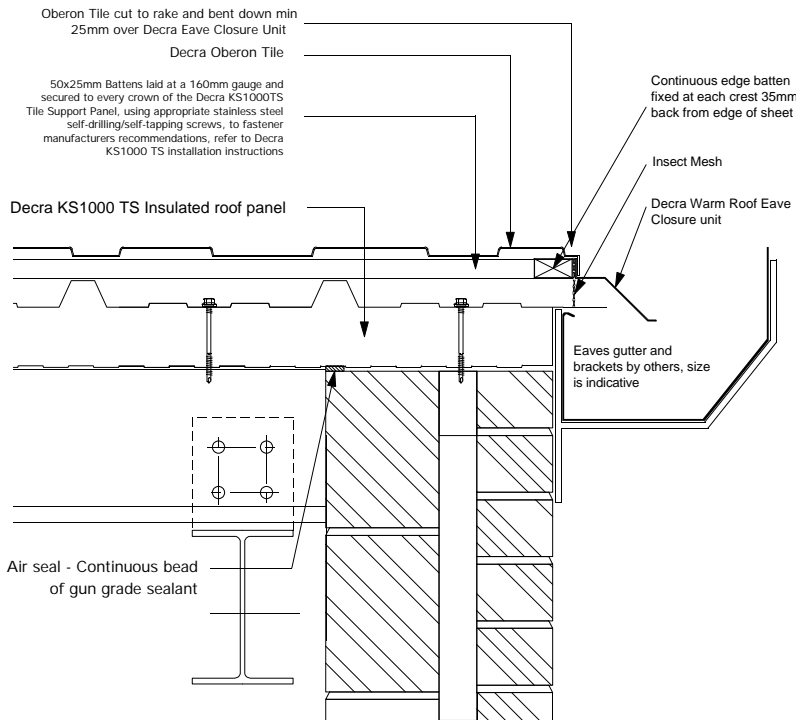
DRAWING NO

DPTW054

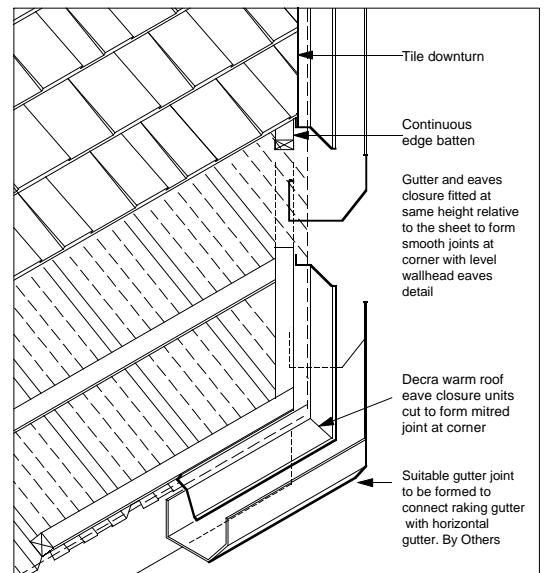
REVISION



Raking Verge Detail
Scale 1:10



Raking Verge Detail with gutter
Scale 1:10



Cutaway Isometric to Raking Verge
Scale 1:20

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

Gutter sizes to be adjusted as required to comply with calculated width requirements of Code Of Practice as set out in BS 5534: Part1

TS006

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DECRA OBERON TILE

CONTENT

**WARM ROOF
RAKING VERGE DETAILS**

DRAWING SCALE

1:10

DATE

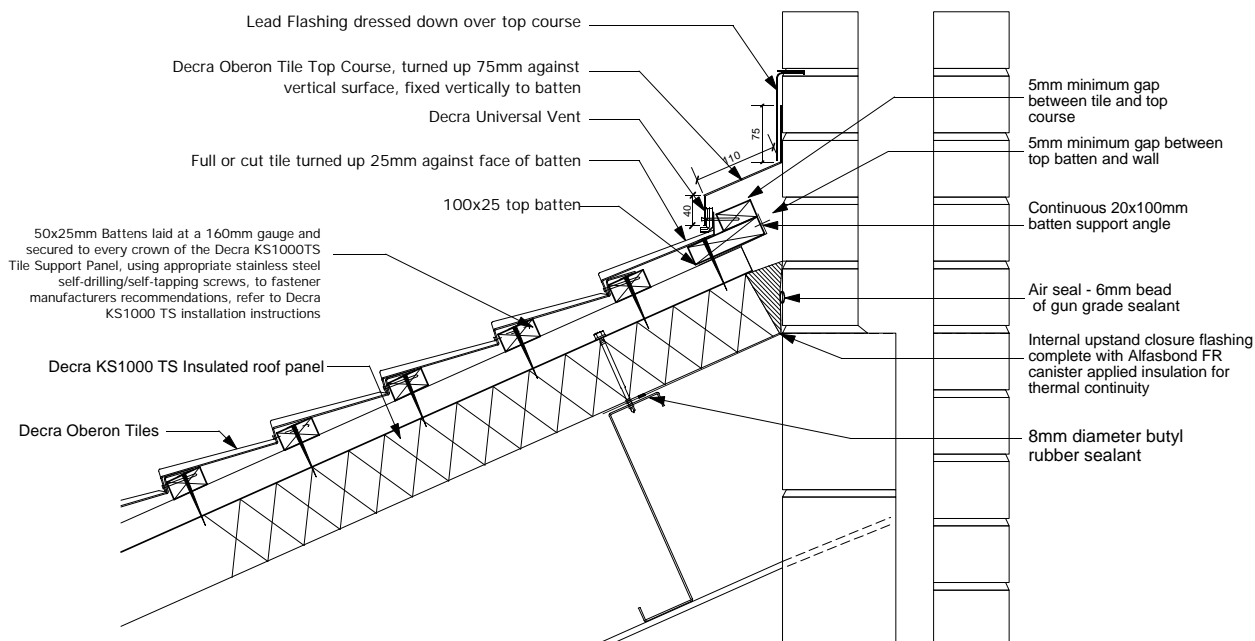
24/01/04

DRAWING NO

DPTW055

REVISION

15° minimum
24° illustrated



Top Edge Abutment Detail, using Universal Vent Unit

Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS016

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DECRA OBERON TILE

CONTENT

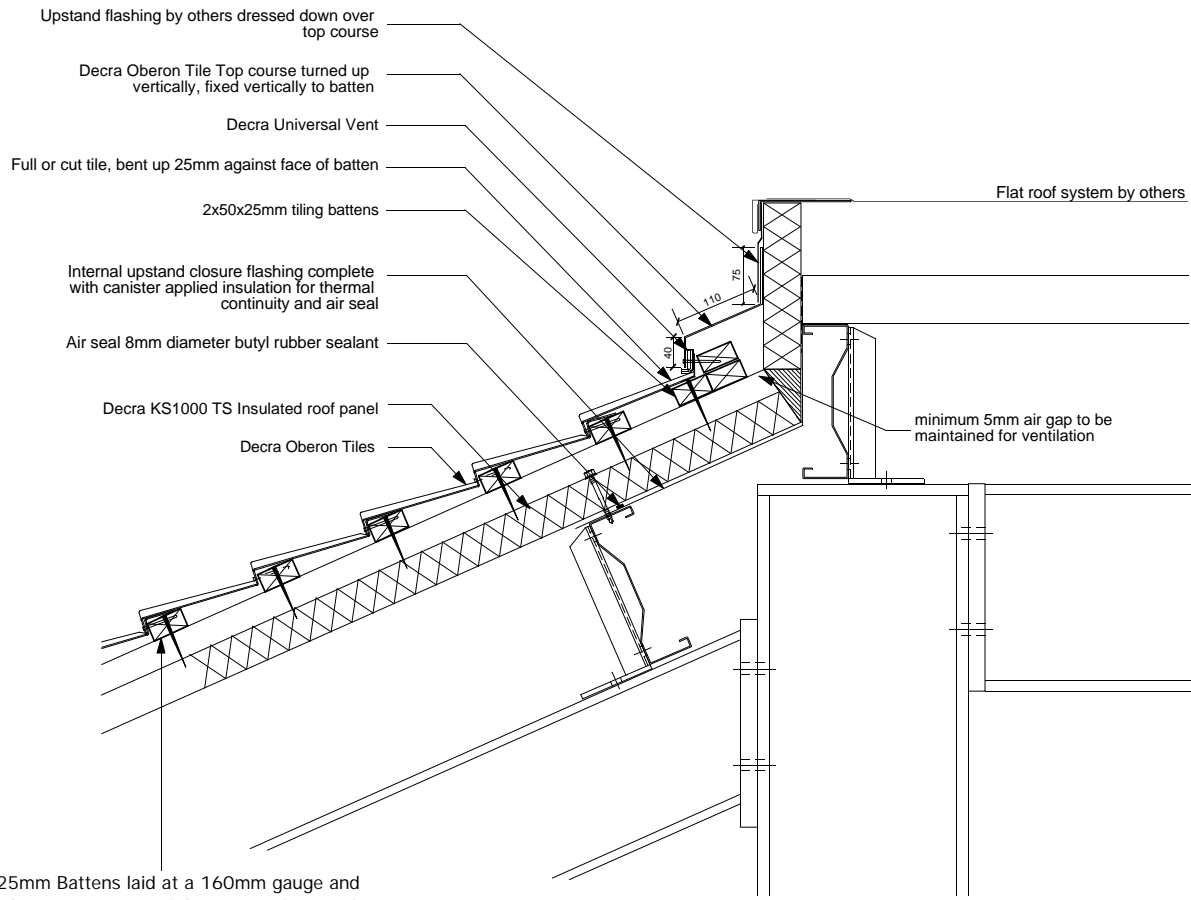
WARM ROOF
TOP EDGE ABUTMENT DETAILS
USING DECRA UNIVERSAL VENT

DRAWING SCALE 1:10

DATE 24/01/04

DRAWING NO DPTW056

REVISION



Flat Roof Top Edge Abutment Detail
Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS019

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DECRA OBERON TILE

CONTENT
**WARM ROOF
FLAT ROOF TOP EDGE ABUTMENT DETAIL**

DRAWING SCALE
1:10

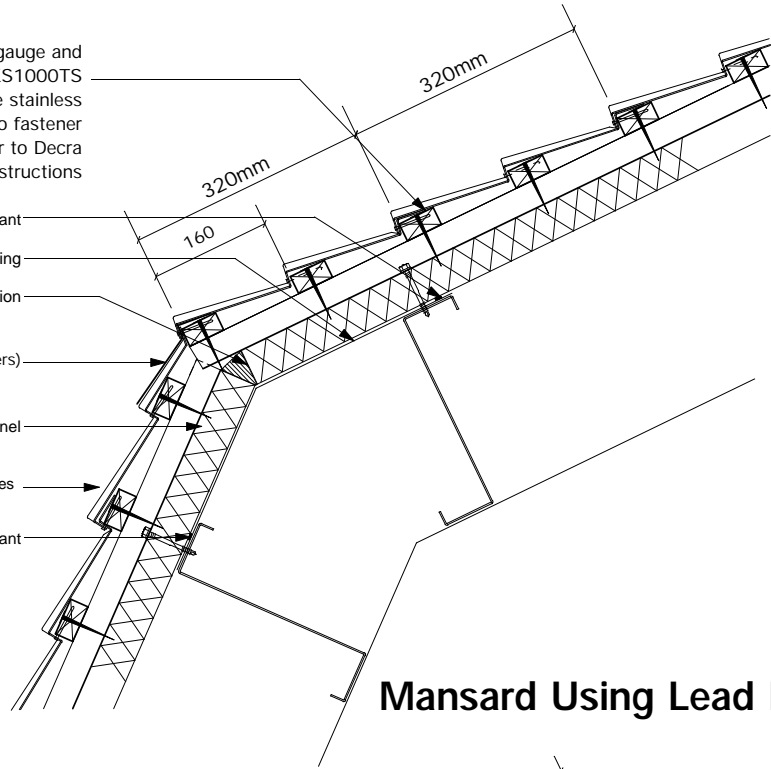
DATE
24/01/04

DRAWING NO
DPTW057

REVISION

50x25mm Battens laid at a 160mm gauge and secured to every crown of the Decra KS1000TS Tile Support Panel, using appropriate stainless steel self-drilling/self-tapping screws, to fastener manufacturers recommendations, refer to Decra KS1000 TS installation instructions

- 8mm diameter rubber sealant
- internal closure flashing
- Canister applied insulation
- Lead Flashing (by others)
- Decra KS1000 TS Insulated roof panel
- Decra Oberon Tiles
- 8mm diameter rubber sealant

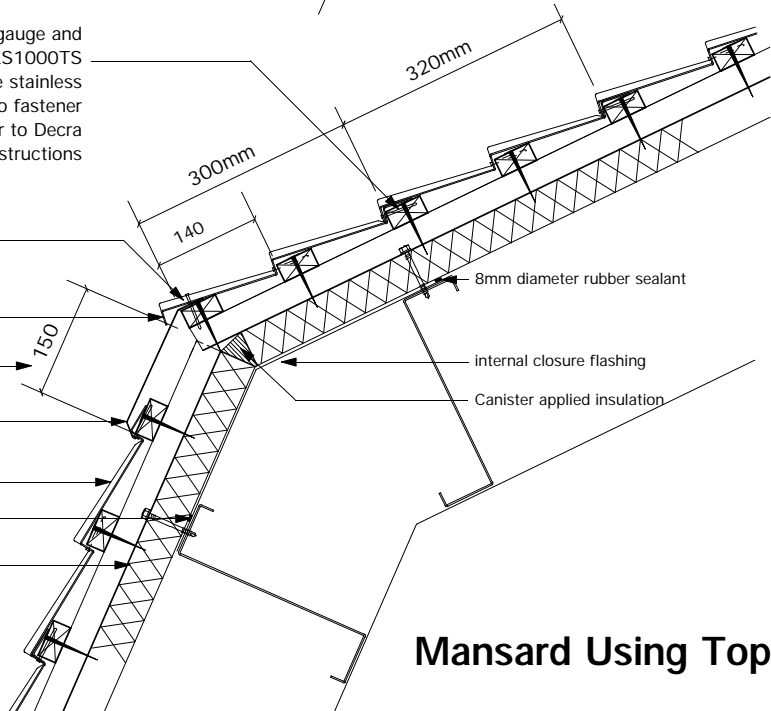


Mansard Using Lead Flashing

Scale 1:10

50x25mm Battens laid at a 160mm gauge and secured to every crown of the Decra KS1000TS Tile Support Panel, using appropriate stainless steel self-drilling/self-tapping screws, to fastener manufacturers recommendations, refer to Decra KS1000 TS installation instructions

- Decra nails fixed vertically through high point of tile to have finishing kit applied to head.
- Nosing of main roof tile to sit close to top course.
- If this dimension is over 150mm Decra tiles to be used.
- Decra top course bent to suit spacing of tile batten at change of pitch.
- Decra Oberon Tiles
- 8mm diameter rubber sealant
- Decra KS1000 TS Insulated roof panel



Mansard Using Top Course

Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS022

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DECRA OBERON TILE

CONTENT

WARM ROOF
MANSARD ROOF DETAILS

DRAWING SCALE

1:10

DATE

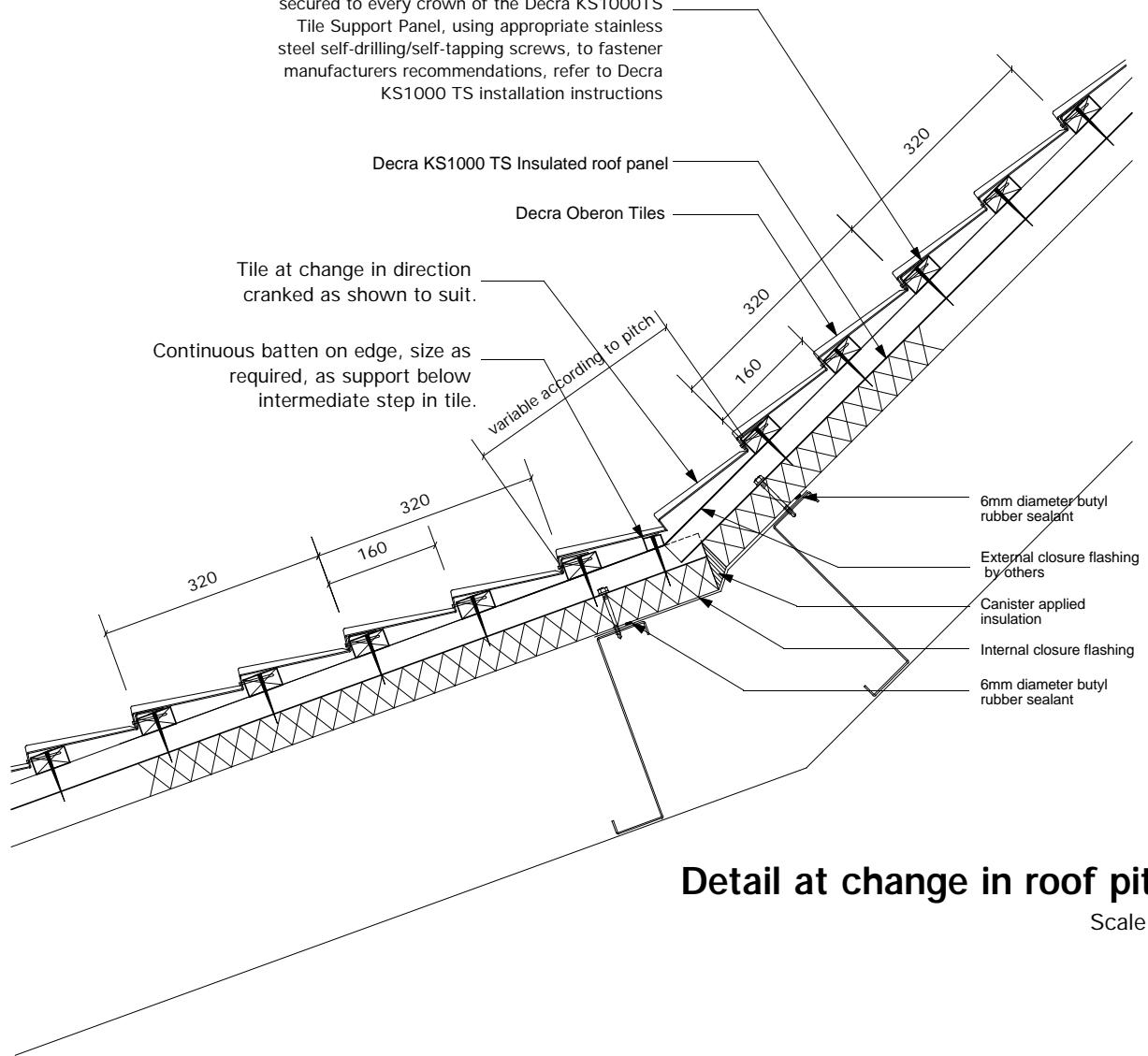
24/01/04

DRAWING NO

DPTW060

REVISION

50x25mm Battens laid at a 160mm gauge and secured to every crown of the Decra KS1000TS Tile Support Panel, using appropriate stainless steel self-drilling/self-tapping screws, to fastener manufacturers recommendations, refer to Decra KS1000 TS installation instructions



Detail at change in roof pitch
Scale 1:10

Notes:

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

TS---

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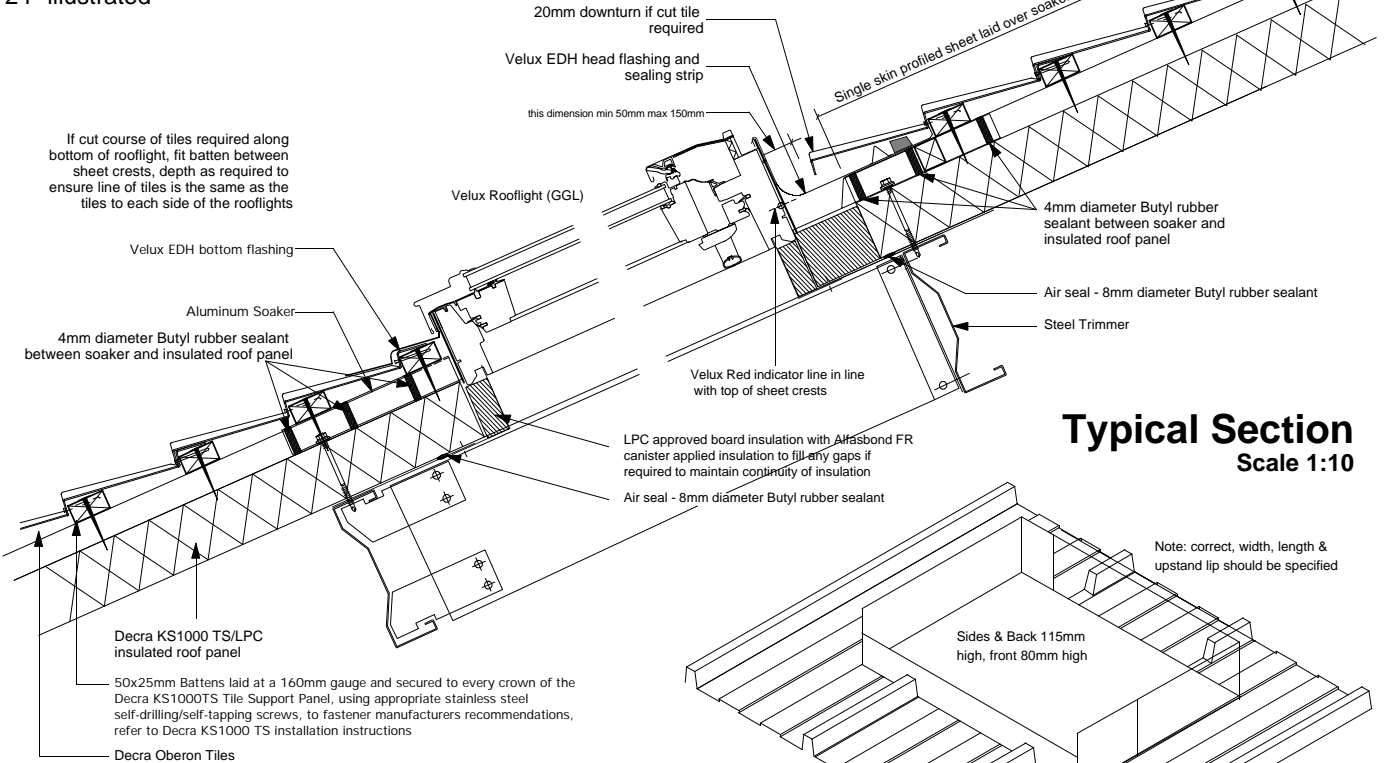
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DECRA OBERON TILE

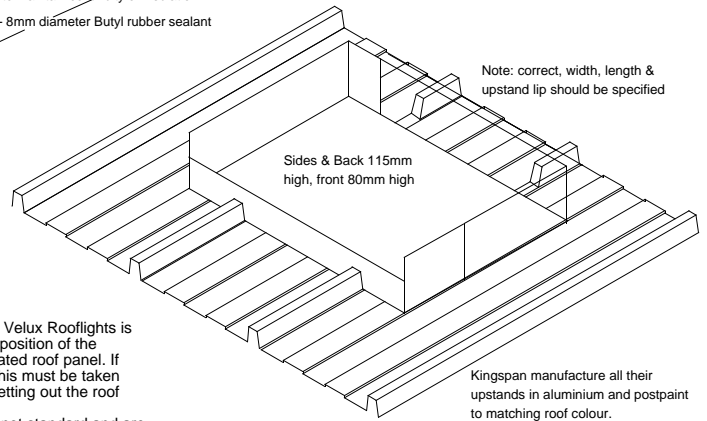
CONTENT	WARM ROOF CHANGE IN PITCH DETAILS	
DRAWING SCALE	1:10	DATE 24/01/04
DRAWING NO	DPTW061	REVISION

VELUX - EDH FLASHING

15° minimum - Velux rooflights cannot be fitted below this pitch
24° illustrated

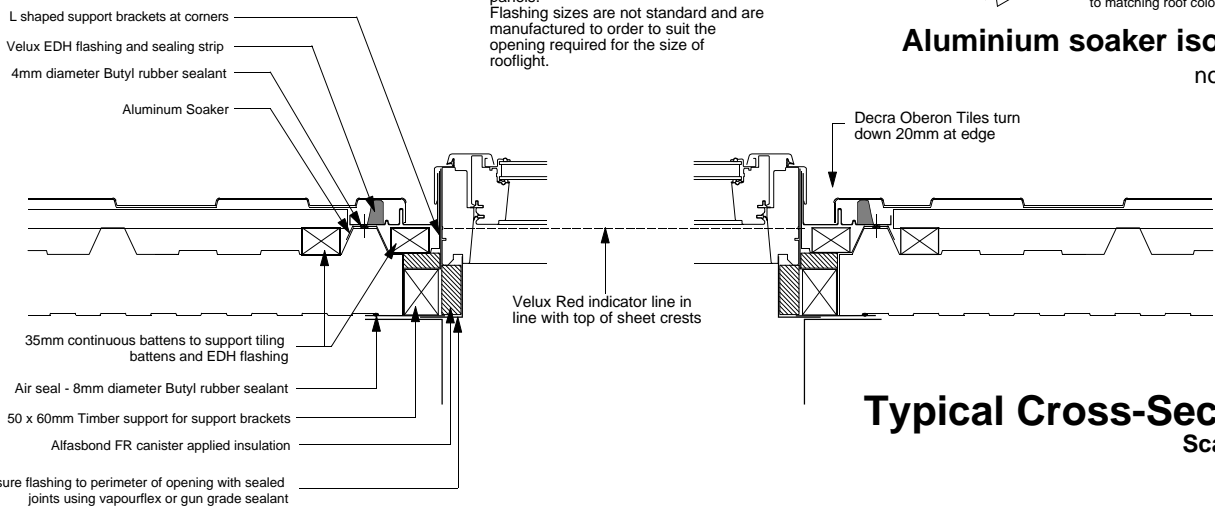


Typical Section
Scale 1:10



Aluminium soaker isometric
not to scale

Important Note:
The position of the Velux Rooflights is determined by the position of the crests on the insulated roof panel. If location is critical this must be taken account of when setting out the roof panels. Flashing sizes are not standard and are manufactured to order to suit the opening required for the size of rooflight.



Typical Cross-Section
Scale 1:10

Notes:

15° minimum roof pitch for Velux GGL Rooflights.
Velux Type EDH flashings must be used
The use of the following rooflights are to be strongly recommended for improved fitting in conjunction with Decra Oberon Tiles: GGL206, GGL306, GGL410, GGL606, Special sizes complying with overall external frame heights of 1180mmx1600mm.

Velux Rooflight profiles and details courtesy of, and copyright to, Velux.
This detail is to be read in conjunction with Velux installation and design instructions.
Design and installation must ensure that ventilation of roofspace requirements are adhered to. Detail shown may not suit all types of roof construction where ventilation is concerned.

This detail is to be read in conjunction with the instructions for the Decra KS1000 TS tile support system.

This detail to be read in conjunction with Acrobat files for velux installation instructions in the information section on the Decra Technical Services CD

TS015

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DECRA OBERON TILE

CONTENT	WARM ROOF VELUX ROOFLIGHT DETAILS	
DRAWING SCALE	1:10	DATE 24/01/04
DRAWING NO	DPTW070	REVISION