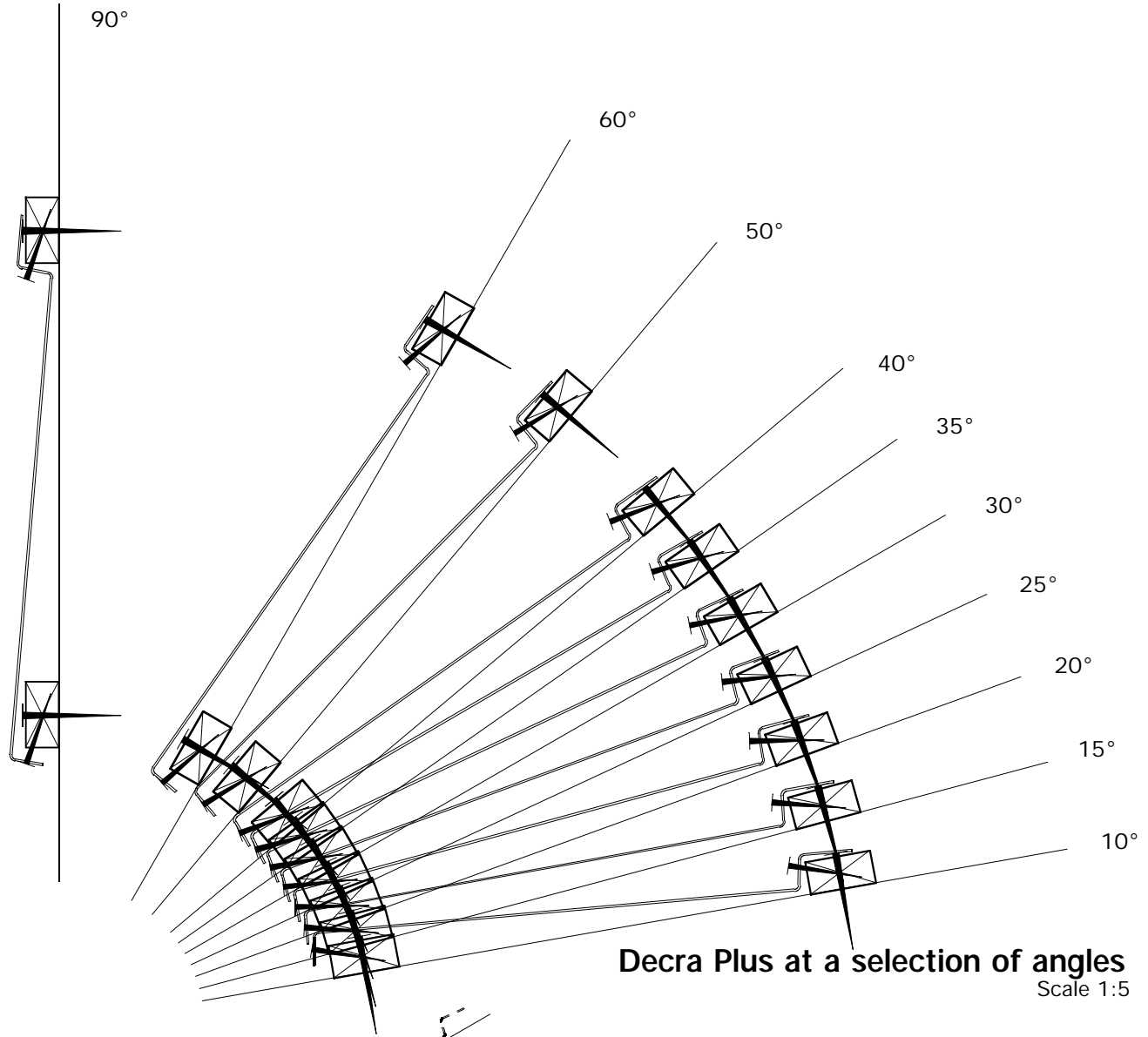


## Decra Plus

England, Ireland & Welsh Practice

Drawing no	Description	Shown In Decra Brochure	Most Commonly Used Detail
DPSE001	Plus Tile Component • <i>Selection of Angles</i>		
DPSE002	Section Components • <i>Components Using D Type Ridge</i>		
DPSE003	Elevations Components • <i>Elevations at a Selection of Angles</i>		
DPSE004	Standard Section Through Tiles • <i>Typical Section Through Tiles</i>		<input checked="" type="checkbox"/>
DPSE013	Eaves Detail Using Eave Guard 400 Unventilated and 600mm Rafter Spacing • <i>Eaves Detail greater Than 15° Roof Pitch</i> • <i>Eaves Detail 10° to 15°</i>		<input checked="" type="checkbox"/>
DPSE014	Eaves Detail Using Eave Guard 400 Unventilated and 900mm /1200mm Rafter Spacing • <i>Eaves Detail Greater Than 17.5° Roof Pitch</i> • <i>Eaves Detail Greater than 10° to 17.5°</i> • <i>Eaves Detail 10° to 15°</i>		<input checked="" type="checkbox"/>
DPSE015	Eaves Detail Ventilated Using Eave Guard 400, 10mm Eaves Vent and 600mm Rafter Spacing • <i>Eaves Detail Greater Than 15° Roof Pitch</i> • <i>Eaves Detail 15°</i>		<input checked="" type="checkbox"/>
DPSE016	Eaves Detail Ventilated Using Eave Guard 400, 10mm Eaves Vent and 900mm/1200mm Rafter Spacing • <i>Eaves Detail Greater Than 17.5° Roof Pitch</i> • <i>Eaves Detail 15° to 17.5°</i>		<input checked="" type="checkbox"/>
DPSE017	Eaves Detail Ventilated Using Eave Guard 400, 25mm Eaves Vent and 600mm Rafter Spacing • <i>Eaves Detail Greater Than 15° Roof Pitch</i> • <i>Eaves Detail 10°</i>		<input checked="" type="checkbox"/>
DPSE018	Eaves Detail Using Eave Guard 400, 25mm Eaves Vent and 900mm/1200mm Rafter Spacing • <i>Eaves Detail Greater Than 17.5° Roof Pitch</i> • <i>Eaves Detail Greater Than 15° to 17.5°</i> • <i>Eaves Detail 10° to 15°</i>		<input checked="" type="checkbox"/>
DPSE019	Warm Roof Eaves Detail Using Warm Roof Eave Guard & Eave Closure & Mesh • <i>Warm Roof Eave Detail</i>		<input checked="" type="checkbox"/>
DPSE020	Unventilated D Ridge Details • <i>D Ridge Detail</i> • <i>D Ridge Detail</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE021	Unventilated D Ridge Detail Using Universal Hip/Ridge Ventilator • <i>Vented D Ridge Detail</i> • <i>Vented D Ridge Detail</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE027	D Ridge Flue Terminal Tile • <i>Ridge Detail</i> • <i>Flue Component Isometric</i> • <i>Cut Ridge Board Detail</i>		<input checked="" type="checkbox"/>
DPSE031	Hip Detail Using D Type Ridge Un-Ventilated • <i>Hip Detail Using D Ridge</i> • <i>Cutaway Isometric to Hip</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE032	Hip Detail Using D Type Ridge Ventilated • <i>Hip Detail Using D Ridge</i> • <i>Cutaway Isometric to Hip</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE040	Mono Ridge detail (D Type Ridge) • <i>Mono Ridge Detail</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE041	Mono Ridge Detail D ridge with Universal D Hip/Ventilator • <i>Mono Ridge Detail</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE050	Verge Detail • <i>Barge Detail</i> • <i>Isometric Detail at Gutter</i>		<input checked="" type="checkbox"/>

DPSE051	Vertical Tiling Detail <ul style="list-style-type: none"> <li>• <i>Vertical Tiles Detail</i></li> <li>• <i>Vertical Tiles Isometric Detail</i></li> </ul>		
DPSE052	Verge Detail Using D Box Barge <ul style="list-style-type: none"> <li>• <i>Barge Detail</i></li> <li>• <i>Isometric Detail at Gutter</i></li> </ul>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE053	Raking Verge Internal Gutter <ul style="list-style-type: none"> <li>• <i>Raking Verge Detail</i></li> <li>• <i>Raking Verge Detail</i></li> </ul>		
DPSE054	Raking Verge Detail <ul style="list-style-type: none"> <li>• <i>Raking Verge Detail</i></li> </ul>		
DPSE055	Valley Gutter Details <ul style="list-style-type: none"> <li>• <i>Lead Valley Detail Using Layboards</i></li> <li>• <i>Lead Valley Detail Using Layboards Over Rafters</i></li> <li>• <i>GRP Valley Detail</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE056	Valley Gutter Details to Felted /Boarded Roof <ul style="list-style-type: none"> <li>• <i>Lead Valley Detail on Felt Or Boarded Roof</i></li> <li>• <i>Lead Valley Detail Using 50x50mm Tile Battens</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE060	Mansard Roof Detail <ul style="list-style-type: none"> <li>• <i>Mansard Using Lead Flashing</i></li> <li>• <i>Mansard Using Top Course</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE061	Flashing Details to Chimney <ul style="list-style-type: none"> <li>• <i>Flashing Details to Chimney</i></li> </ul>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DPSE062	Soil-Vent Terminal Details <ul style="list-style-type: none"> <li>• <i>Soil Vent Pipe Through Roof</i></li> <li>• <i>Inline Tile Ventilator to Soil Vent Pipe</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE064	Vertical Corner Detail <ul style="list-style-type: none"> <li>• <i>Detail of External Corner Using B Ridge</i></li> <li>• <i>Detail of External Corner Using D Ridge</i></li> </ul>		
DPSE065	Detail At Change in Roof Pitch Using Eave Guard 400 and 25mm Ventilator <ul style="list-style-type: none"> <li>• <i>Detail at Change in Pitch</i></li> <li>• <i>Detail at Change In Pitch</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE070	Abutment Detail With Secret Gutter <ul style="list-style-type: none"> <li>• <i>Abutment Detail With Secret Gutter</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE071	Abutment Details <ul style="list-style-type: none"> <li>• <i>Abutment Detail Using Side Flashing</i></li> <li>• <i>Abutment Detail Without Side Flashing</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE072	Roof Sheeting Abutment Details <ul style="list-style-type: none"> <li>• <i>Detail of Abutting Asbestos/Profiled Sheet</i></li> <li>• <i>Detail of Abutting Asbestos/Profiled Sheet</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE073	Slate and Tile Abutment Details <ul style="list-style-type: none"> <li>• <i>Detail of Abutting Concrete Tiles of Profiled Section</i></li> <li>• <i>Detail of Abutting Slate or Flat Profile Concrete Tile</i></li> </ul>		<input checked="" type="checkbox"/>
DPSE080	Velux Rooflight EDH Flashing <ul style="list-style-type: none"> <li>• <i>Typical Section</i></li> <li>• <i>Typical Cross Section</i></li> </ul>		<input checked="" type="checkbox"/>



**Decra Plus at a selection of angles**  
Scale 1:5

Duplicate a tile and batten. Move them 368mm along the line of the counter batten as shown to increase the number of rows of tiles on the roof.

Rotate the line of tiles, battens, counter battens and sarking as required and adjust the fascia and ridge cap to suit the desired pitch of roof.

These components can be scaled for use on larger or smaller scale detail drawings.

**Notes:**

Refer also to the Detail drawings when using these components.  
For Ventilated situations copy the relevant eaves and D ridge details from the Detail drawings.

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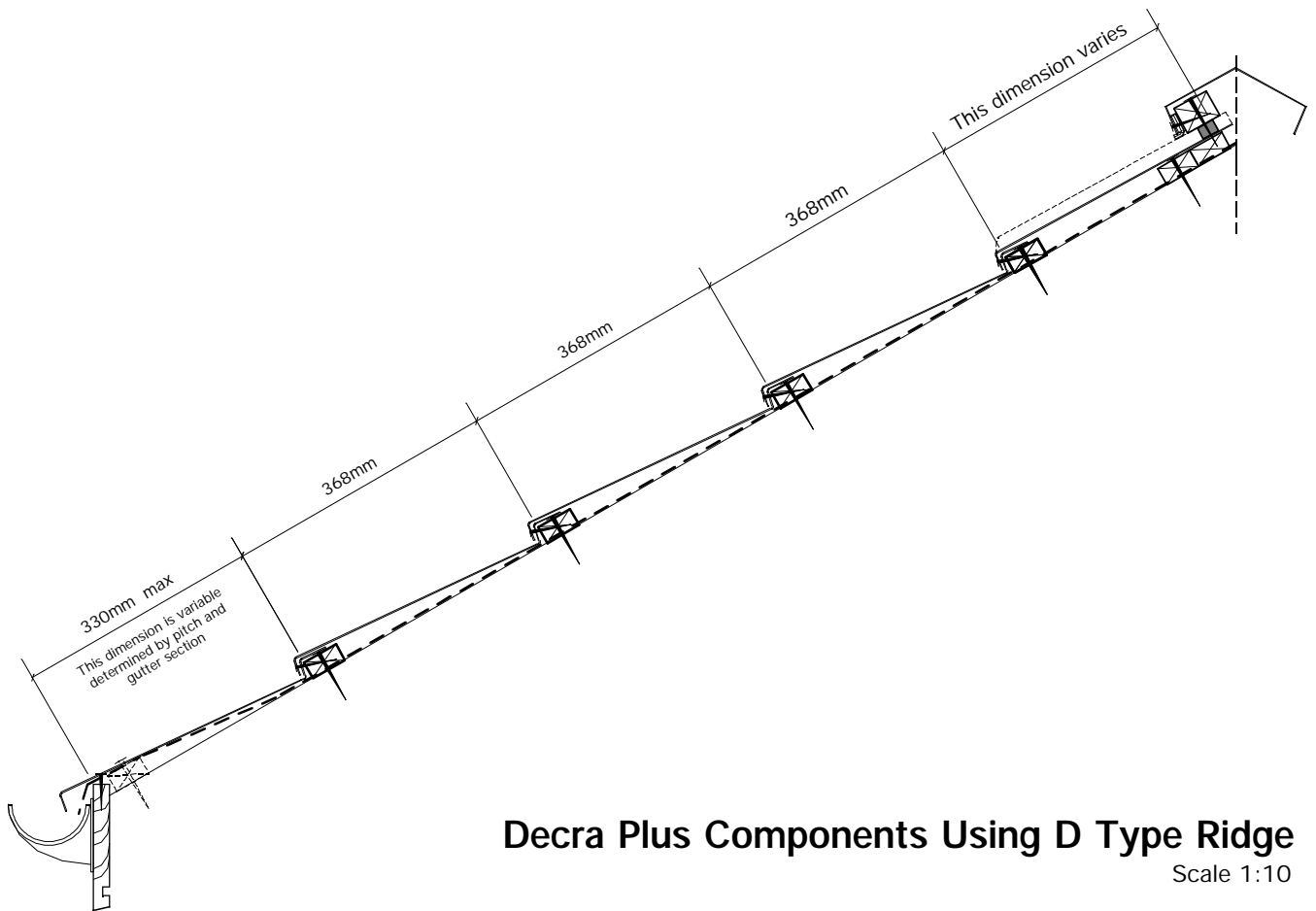


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web-Site: <http://www.decra.co.uk>

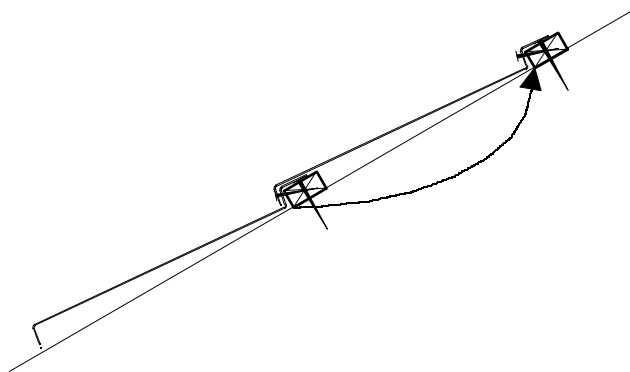
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<b>DECRA PLUS</b>			
CONTENT		<b>DECRA PLUS PLUS TILE COMPONENT</b>	
DRAWING SCALE	<b>1:5</b>	DATE	<b>27/01/01</b>
DRAWING NO	<b>DPSE001</b>	REVISION	



## Decra Plus Components Using D Type Ridge

Scale 1:10



Duplicate a tile and batten. Move them 368mm along the line of the counter batten as shown to increase the number of rows of tiles on the roof.

Rotate the line of tiles, battens, counter battens and sarking as required and adjust the fascia and ridge cap to suit the desired pitch of roof.

These components can be scaled for use on larger or smaller scale detail drawings.

### Notes:

Refer also to the Detail drawings when using these components.  
For Ventilated situations copy the relevant eaves and D ridge details from the Detail drawings.

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## DECRA PLUS

### DECRA PLUS SECTION COMPONENTS

CONTENT

DRAWING SCALE

1:10

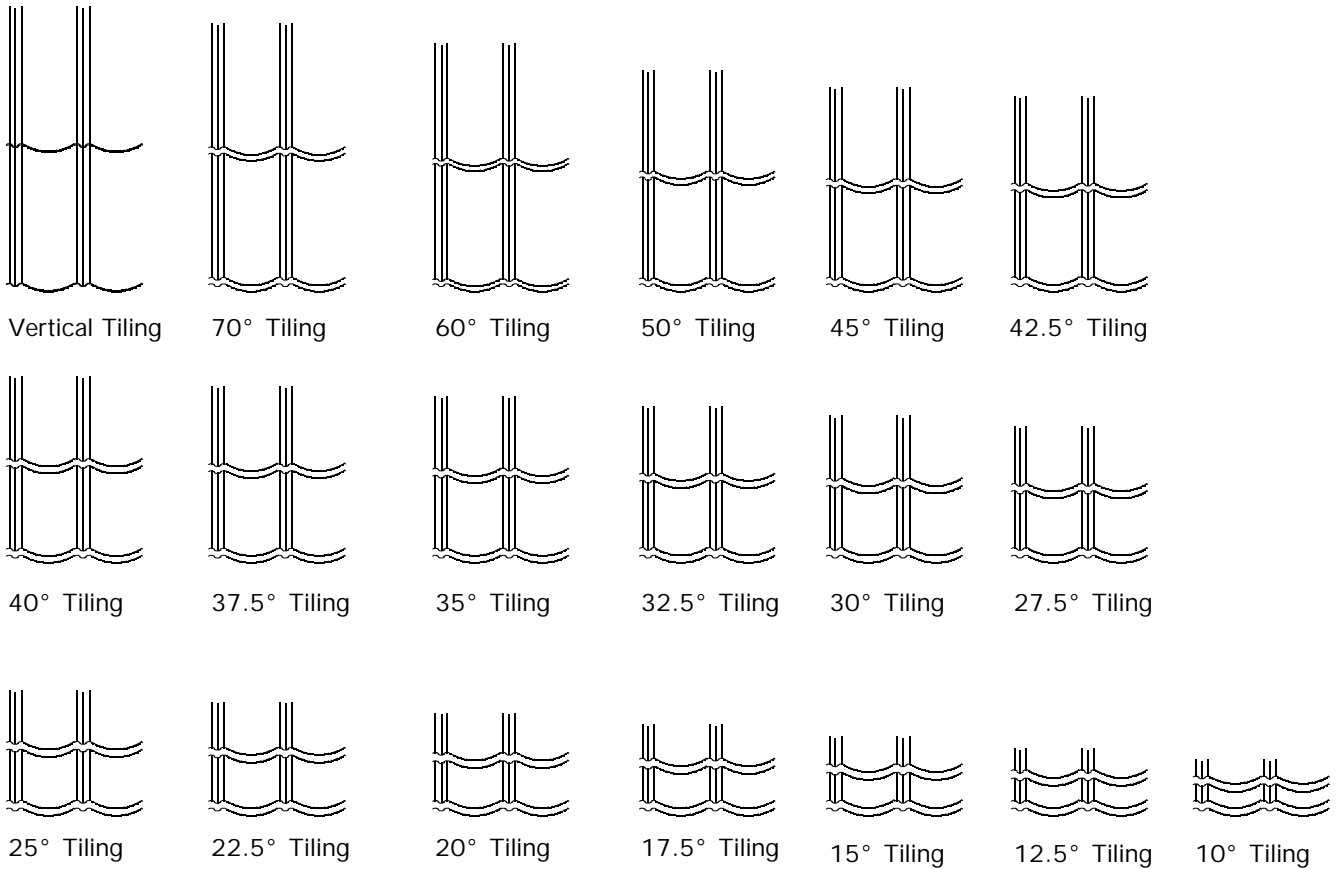
DATE

27/01/01

DRAWING NO

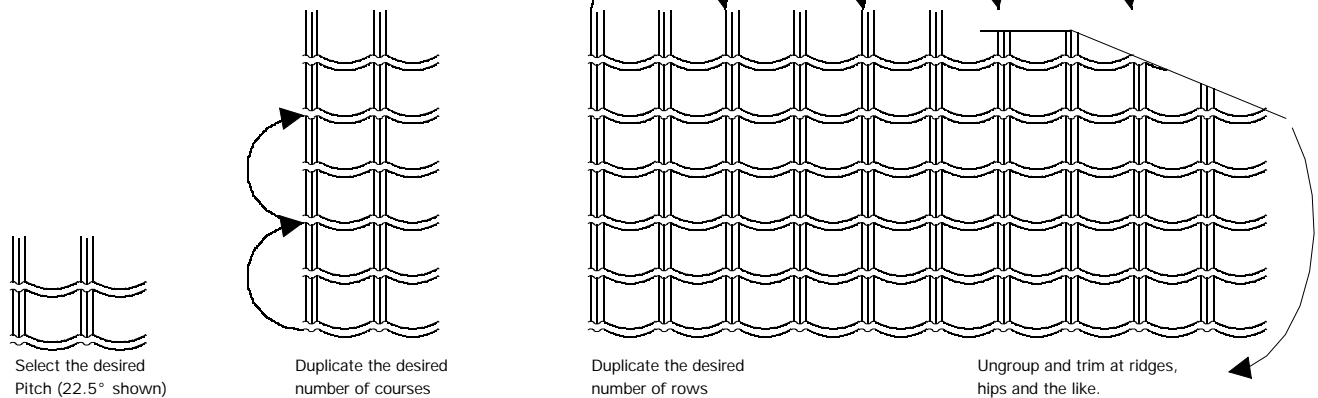
DPSE002

REVISION



**Decra Plus Elevations at a selection of angles**  
Scale 1:20

To use the elevations:



**Notes:**

The elevation components are given to assist in the production of elevations and are intended to give an indication of the appearance of Decra Plus tiles at the various pitches noted. To use the components select the one closest to the pitch of your roof and duplicate as shown. If a more accurate indication is required you should construct your own using the profile given in the component drawing for the Decra Plus tile and rearrange it using construction lines from a Decra Plus roof drawn at the desired pitch.

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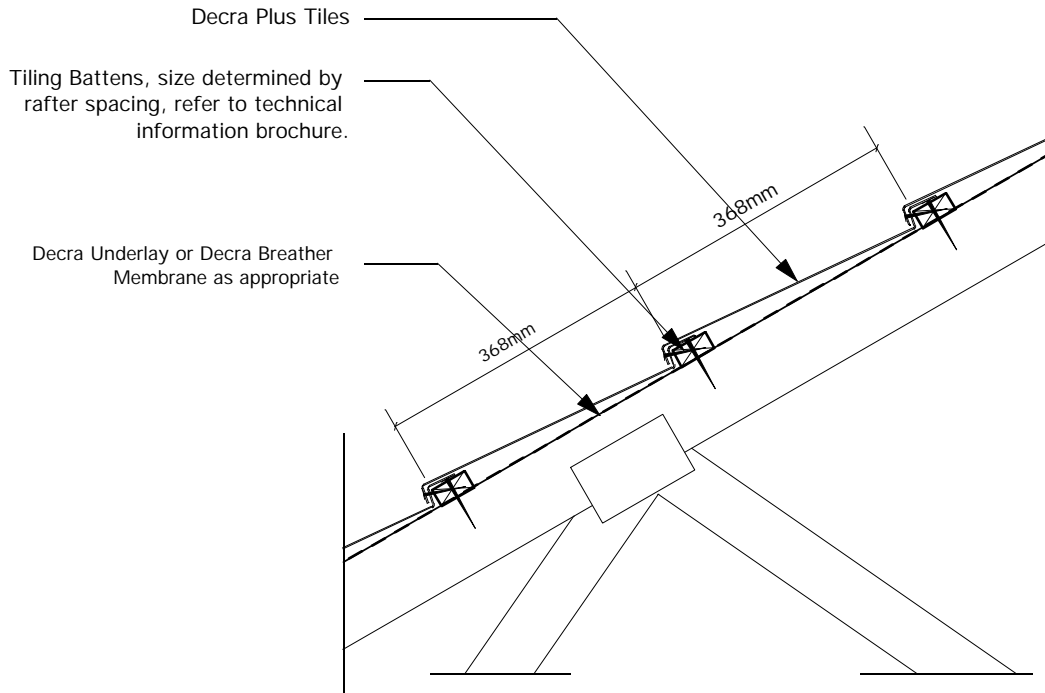
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<b>DECRA PLUS</b>		
CONTENT	<b>DECRA PLUS ELEVATIONS COMPONENTS</b>	
DRAWING SCALE	<b>1:20</b>	DATE 27/01/01
DRAWING NO	<b>DPSE003</b>	REVISION

Tile Batten (minimum thickness 25mm) @ 368mm spacings. Size is determined by rafter spacing, refer to table in technical information brochure.



Typical Section through Tiles  
Scale 1:10

Notes:

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**DECRA PLUS**

CONTENT

**DECRA PLUS  
STANDARD SECTION THROUGH TILES**

DRAWING SCALE **1:10**

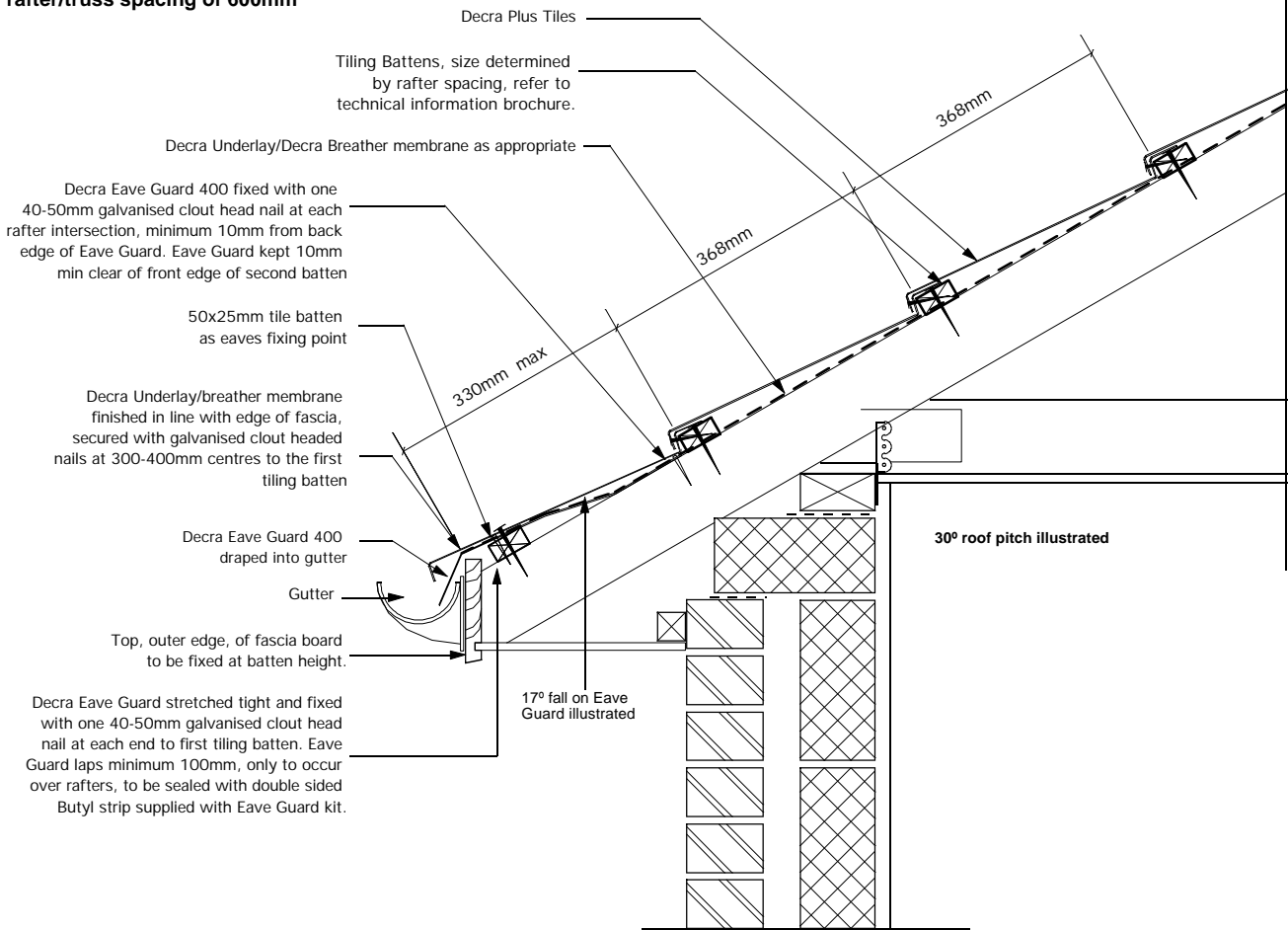
DATE **27/01/01**

DRAWING NO **DPSE004**

REVISION

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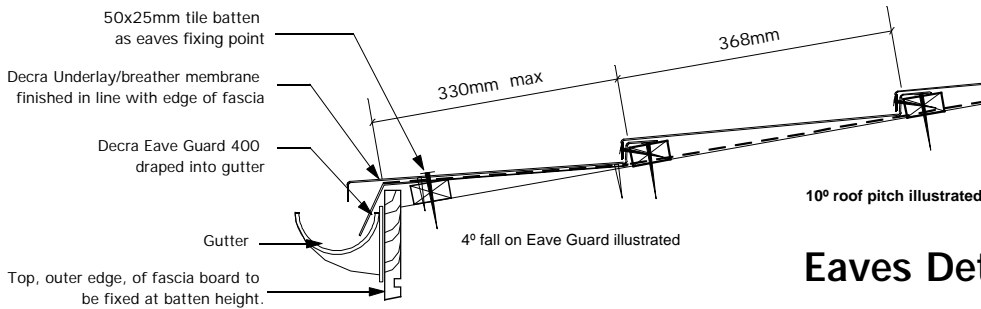
**Battens illustrated 50x25mm for rafter/truss spacing of 600mm**



At low roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

**Eaves Detail greater than 15° roof pitch**

Scale 1:10



**Eaves Detail 10° to 15°**

Scale 1:10

Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also

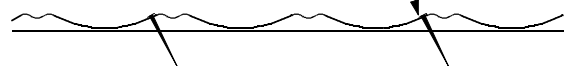
**Notes:**

This detail drawing is to be read in conjunction with the Decra Eave Guard 400 installation instructions.

This eaves arrangement can be used where soffit ventilation (not shown on this drawing) is being used.

Decra Eaves Guard has a front and back edge. It is essential that it is installed the right way round with the front edge draped into the gutter and the textured edge on top.

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with pre-coated Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



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**DECRA PLUS**

CONTENT

**EAVES DETAIL**

**USING EAVE GUARD 400**

**UNVENTILATED AND 600MM RAFTER SPACING**

DRAWING SCALE

**1:10**

DATE

**15/04/03**

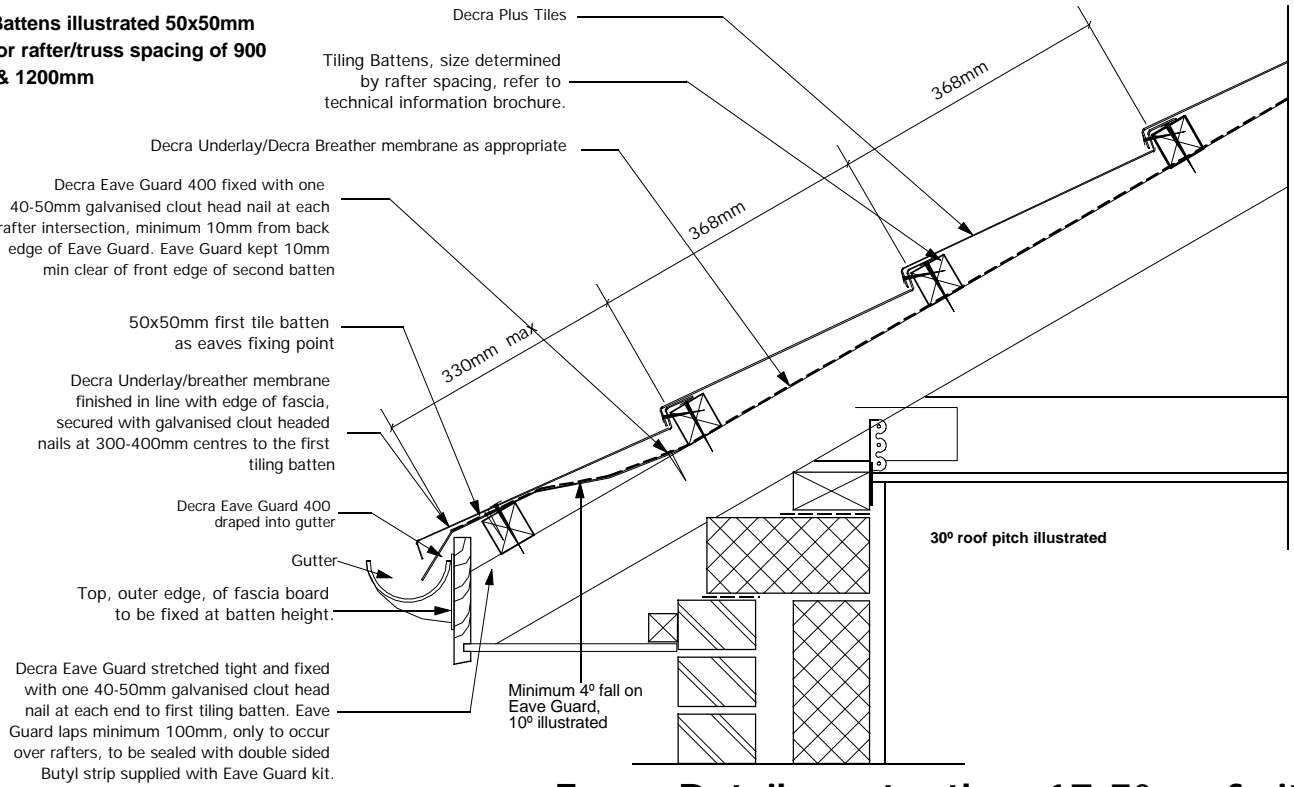
DRAWING NO

**DPSE013**

REVISION

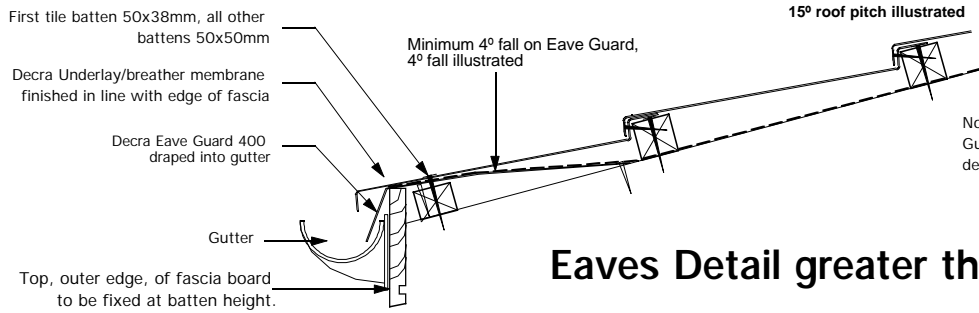
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**Battens illustrated 50x50mm for rafter/truss spacing of 900 & 1200mm**



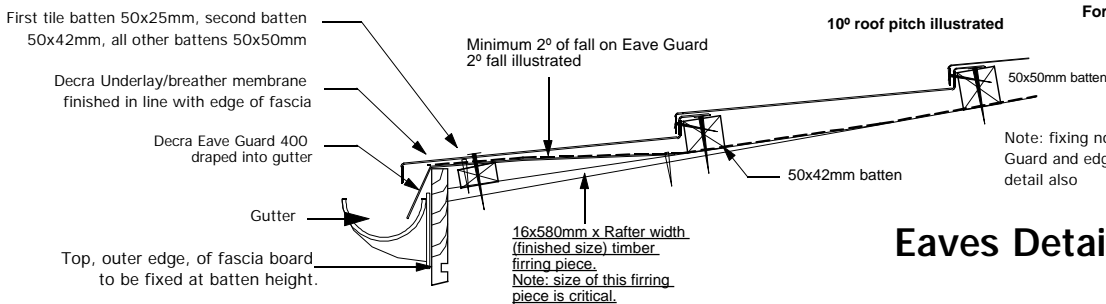
**Eaves Detail greater than 17.5° roof pitch**

Scale 1:10



**Eaves Detail greater than 15° to 17.5°**

Scale 1:10



**Eaves Detail 10° to 15°**

Scale 1:10

For lower roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also

For lower roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also

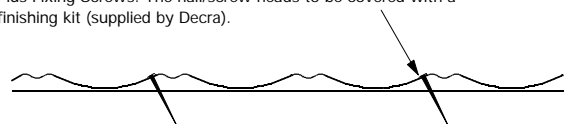
**Notes:**

This detail drawing is to be read in conjunction with the Decra Eave Gaurd 400 installation instructions.

This eaves arrangement can be used where soffit ventilation (not shown on this drawing) is being used.

Decra Eaves Gaurd has a front and back edge. It is essential that it is installed the right way round with the front edge draped into the gutter and the textured edge on top.

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with pre-coated Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



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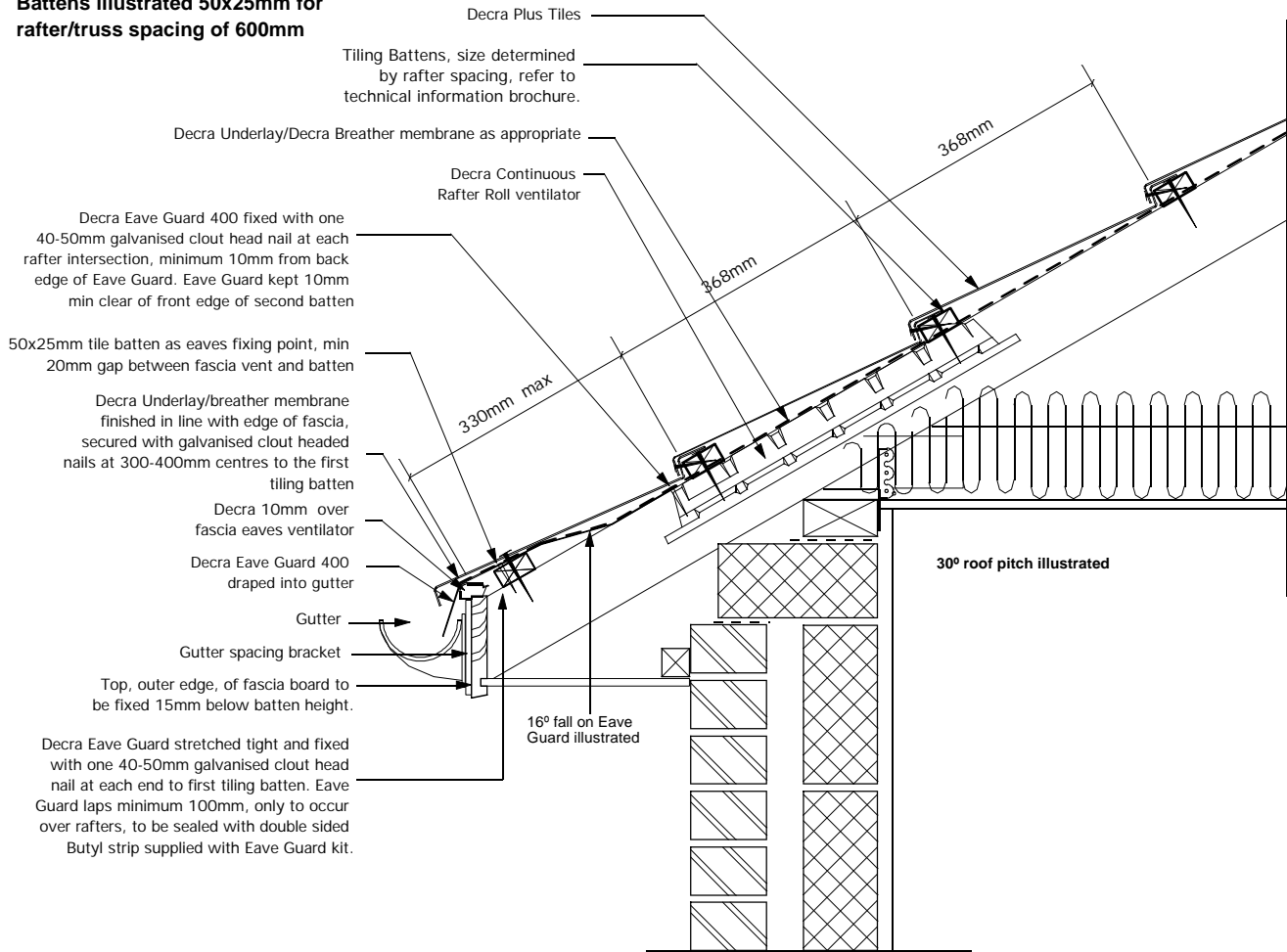
**DECRA PLUS**

CONTENT **EAVES DETAIL**  
**USING EAVE GUARD 400, UNVENTILATED AND 900MM/1200MM RAFTER SPACING**

DRAWING SCALE	<b>1:10</b>	DATE	<b>15/04/03</b>
DRAWING NO	<b>DPSE014</b>	REVISION	

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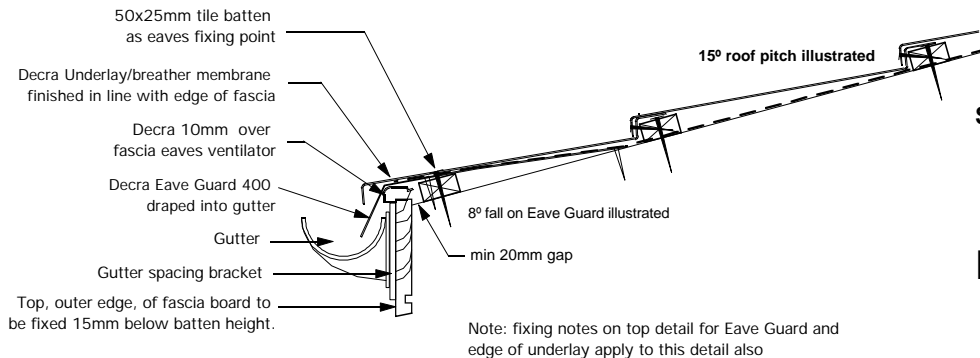
**Battens illustrated 50x25mm for rafter/truss spacing of 600mm**



At low roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

**Eaves Detail greater than 15° roof pitch**

Scale 1:10



See notes for roof pitches below 15°

**Eaves Detail 15°**

Scale 1:10

Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also

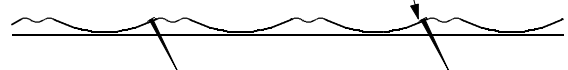
**Notes:**

This detail drawing is to be read in conjunction with the Decra Eave Gaurd 400 installation instructions.

Decra Eaves Gaurd has a front and back edge. It is essential that it is installed the right way round with the front edge draped into the gutter and the textured edge on top.

The 10mm eaves ventilator cannot be used where roof pitches are below 15°, the Decra 25mm over fascia vent should be used instead. For further information on ventilation recommendations see the information section of the Decra Technical Services CD, and see drawing No DPSE017 for the lower pitched, 600mm rafter spacing detail using the 25mm vent.

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with precoat Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



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**DECRA PLUS**

CONTENT **EAVES DETAIL VENTILATED USING EAVE GUARD 400, 10MM EAVES VENT AND 600MM RAFTER SPACING**

DRAWING SCALE **1:10**

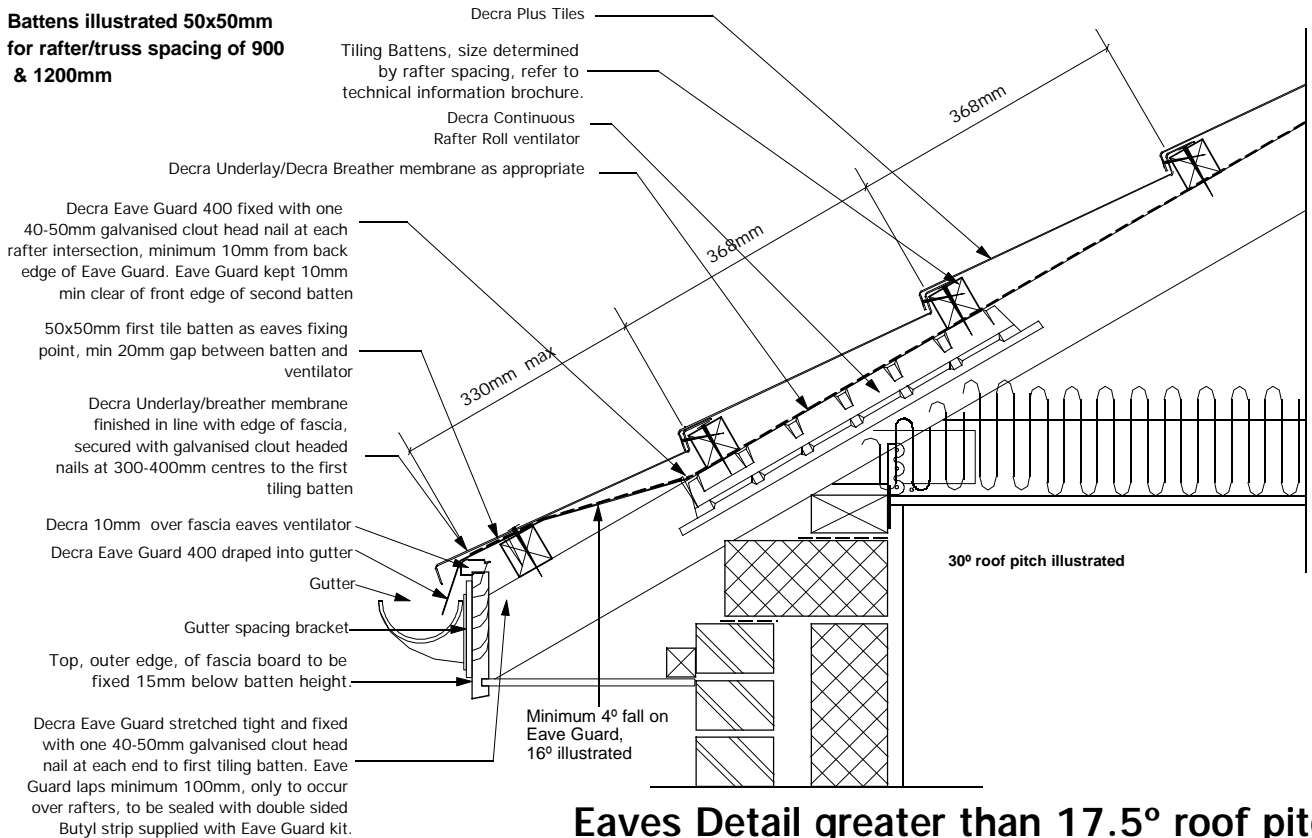
DATE **15/04/03**

DRAWING NO **DPSE015**

REVISION

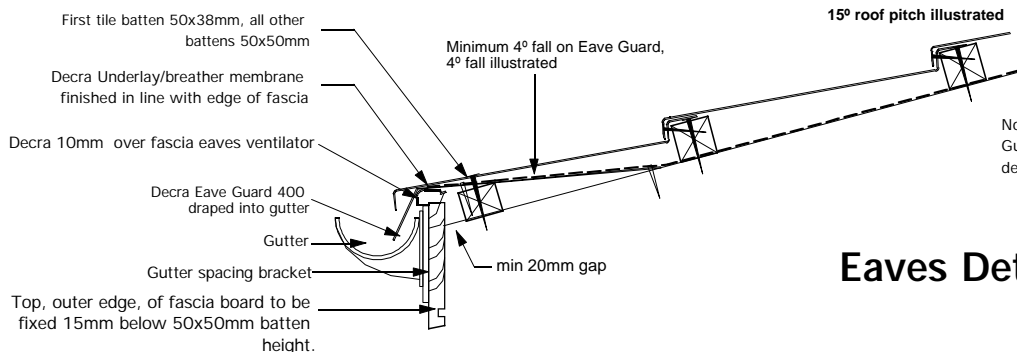
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**Battens illustrated 50x50mm  
for rafter/truss spacing of 900  
& 1200mm**



**Eaves Detail greater than 17.5° roof pitch**

Scale 1:10



For lower roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also

**Eaves Detail 15° to 17.5°**

Scale 1:10

See notes for roof pitches below 15°

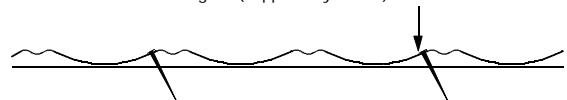
**Notes:**

This detail drawing is to be read in conjunction with the Decra Eave Gaurd 400 installation instructions.

Decra Eaves Gaurd has a front and back edge. It is essential that it is installed the right way round with the front edge draped into the gutter and the textured edge on top.

The 10mm eaves ventilator cannot be used where roof pitches are below 15°, the Decra 25mm over fascia vent should be used instead. For further information on ventilation recommendations see the information section of the Decra Technical Services CD, and see drawing No DPSE018 for the lower pitched, wider rafter spacing detail using the 25mm vent.

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with pre-coated Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



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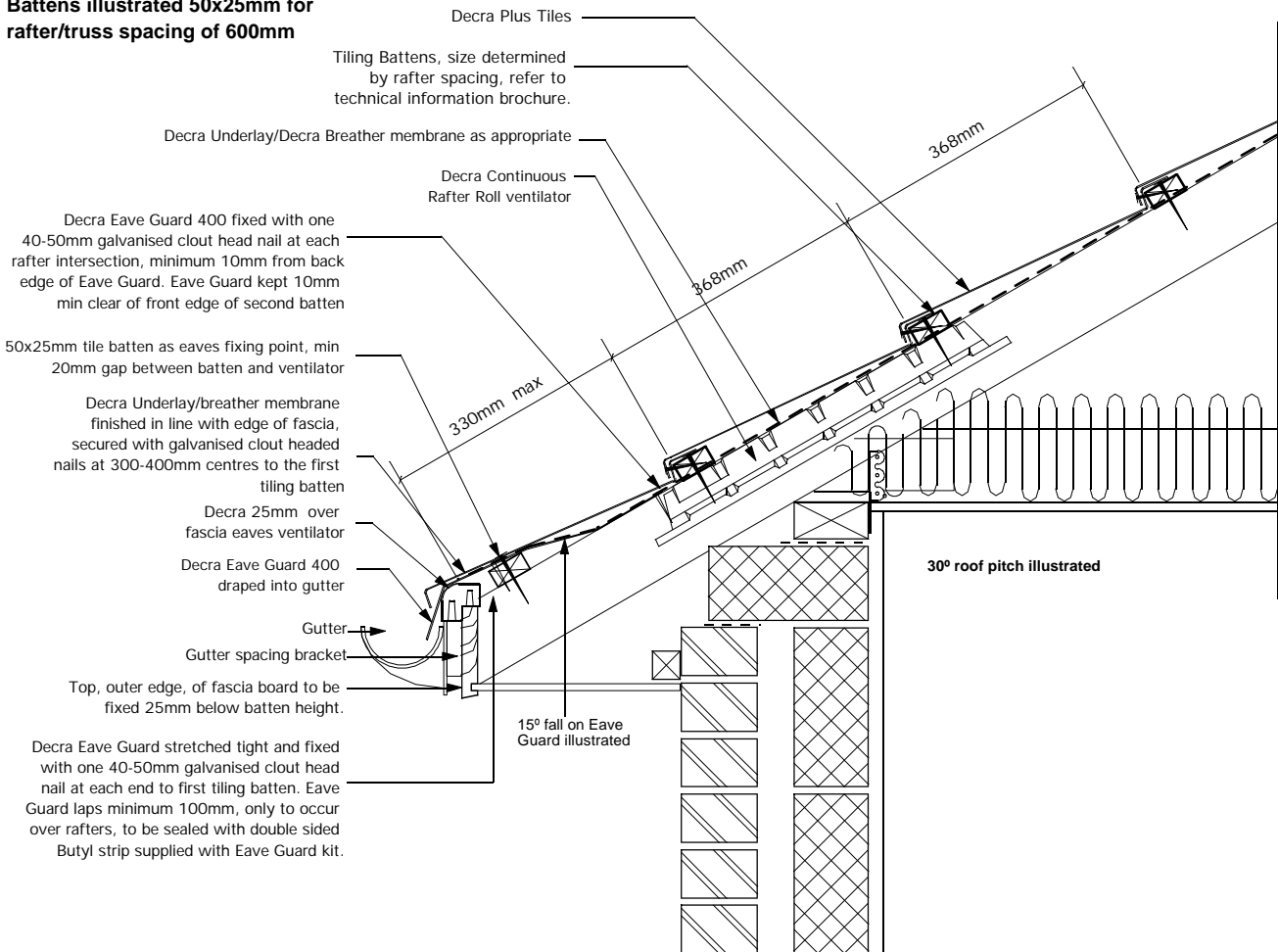
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**DECRA PLUS**

CONTENT **EAVES DETAIL VENTILATED  
USING EAVE GUARD 400, 10MM EAVES VENT  
AND 900MM/1200MM RAFTER SPACING**

DRAWING SCALE	<b>1:10</b>	DATE	<b>15/04/03</b>
DRAWING NO	<b>DPSE016</b>	REVISION	

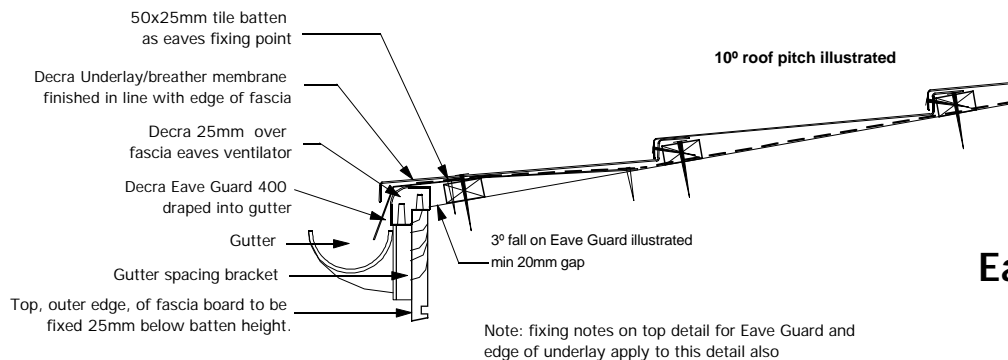
**Battens illustrated 50x25mm for rafter/truss spacing of 600mm**



At low roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

**Eaves Detail greater than 15° roof pitch**

Scale 1:10



**Eaves Detail 10°**

Scale 1:10

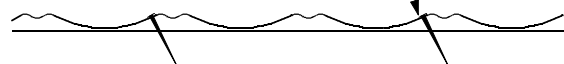
Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also

**Notes:**

This detail drawing is to be read in conjunction with the Decra Eave Gaurd 400 installation instructions.

Decra Eaves Gaurd has a front and back edge. It is essential that it is installed the right way round with the front edge draped into the gutter and the textured edge on top.

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with precoated Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



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**DECRA PLUS**

CONTENT **EAVES DETAIL VENTILATED USING EAVE GUARD 400, 25MM EAVES VENT AND 600MM RAFTER SPACING**

DRAWING SCALE **1:10**

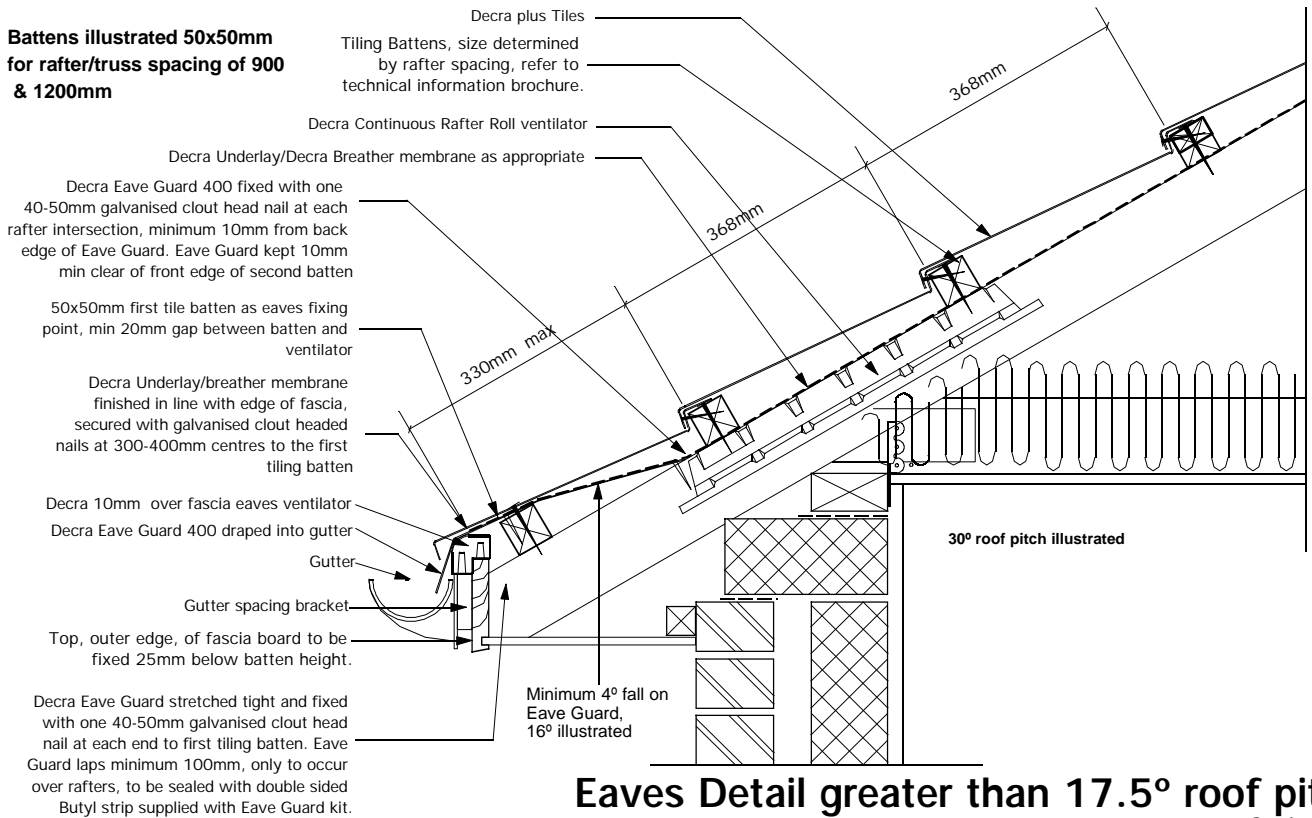
DATE **15/04/03**

DRAWING NO **DPSE017**

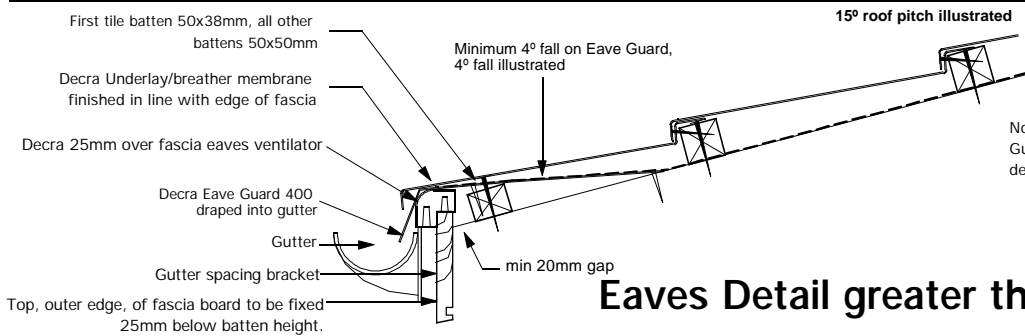
REVISION

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**Battens illustrated 50x50mm for rafter/truss spacing of 900 & 1200mm**



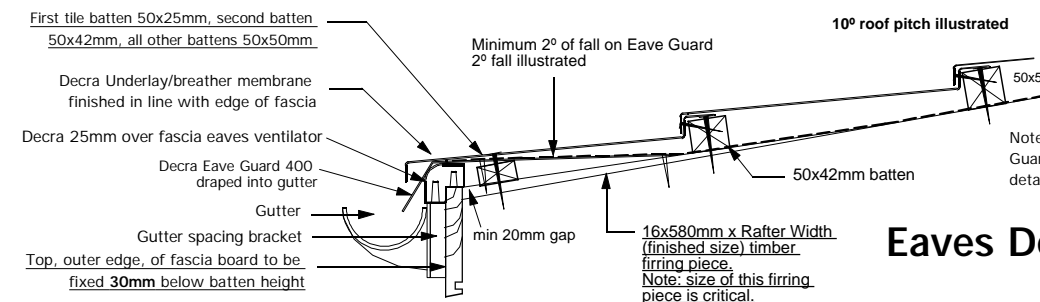
**Eaves Detail greater than 17.5° roof pitch**  
Scale 1:10



**Eaves Detail greater than 15° to 17.5°**  
Scale 1:10

For lower roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also



**Eaves Detail 10° to 15°**  
Scale 1:10

For lower roof pitches care must be taken when setting out the underlying roof structure that ponding does not occur.

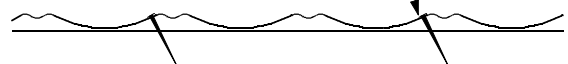
Note: fixing notes on top detail for Eave Guard and edge of underlay apply to this detail also

**Notes:**

This detail drawing is to be read in conjunction with the Decra Eave Guard 400 installation instructions.

Decra Eaves Guard has a front and back edge. It is essential that it is installed the right way round with the front edge draped into the gutter and the textured edge on top.

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with pre-coated Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



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**DECRA PLUS**

CONTENT

**EAVES DETAIL USING**

**EAVE GUARD 400, 25MM EAVES VENT AND 900MM/1200MM RAFTER SPACING**

DRAWING SCALE

**1:10**

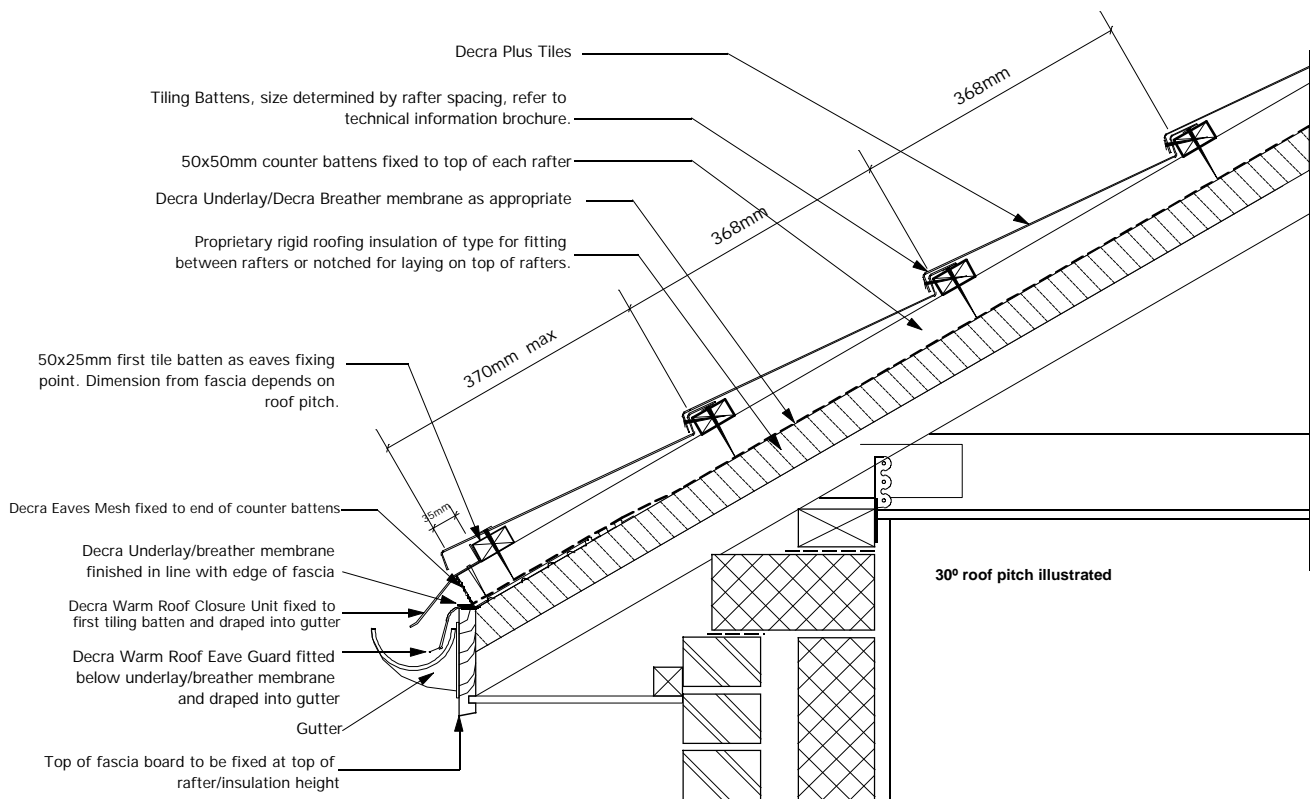
DATE

**15/04/03**

DRAWING NO

**DPSE018**

REVISION



**Warm Roof Eaves Detail**  
Scale 1:10

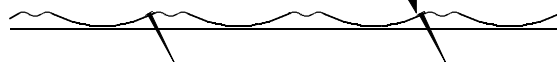
Care should be taken to ensure a 25mm air passageway gap is maintained between the warm roof closure unit and the warm roof eave guard. At steep pitches the angle of the oversailing section of the warm roof closure unit can be adjusted to ensure this airgap is present.

**Notes:**

This detail drawing is to be read in conjunction with the Decra Warm Roof Eave Guard, and Decra Warm Roof Closure installation instructions.

Insulation thickness shown is indicative. Where warm roof structures are being used, checks for interstitial condensation must be carried out by the designer. Thicknesses of insulation required by the building regulations vary for different building classifications. Refer to manufacturer's technical literature.

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with pre-coated Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



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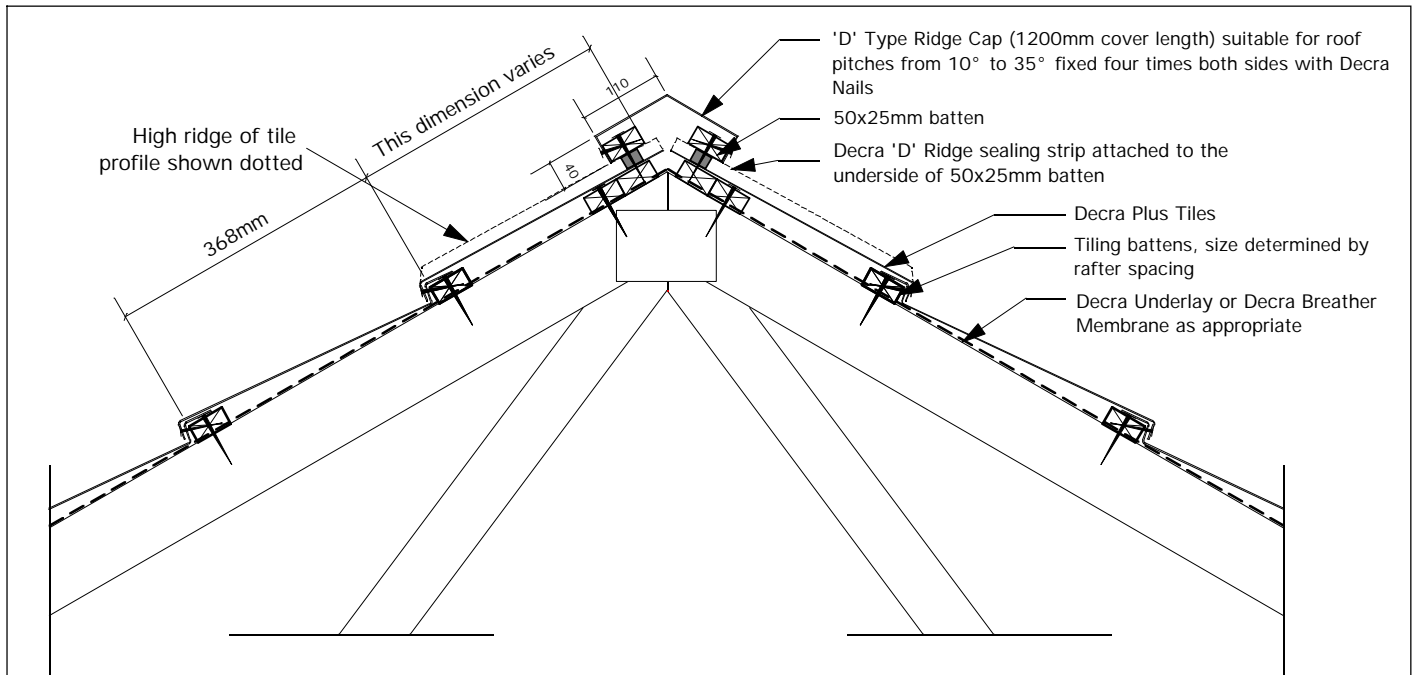
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**DECRA PLUS**

CONTENT **WARM ROOF EAVES DETAIL  
USING DECRA WARM ROOF EAVE GUARD &  
EAVE CLOSURE, & DECRA MESH**

DRAWING SCALE **1:10** DATE **15/04/03**

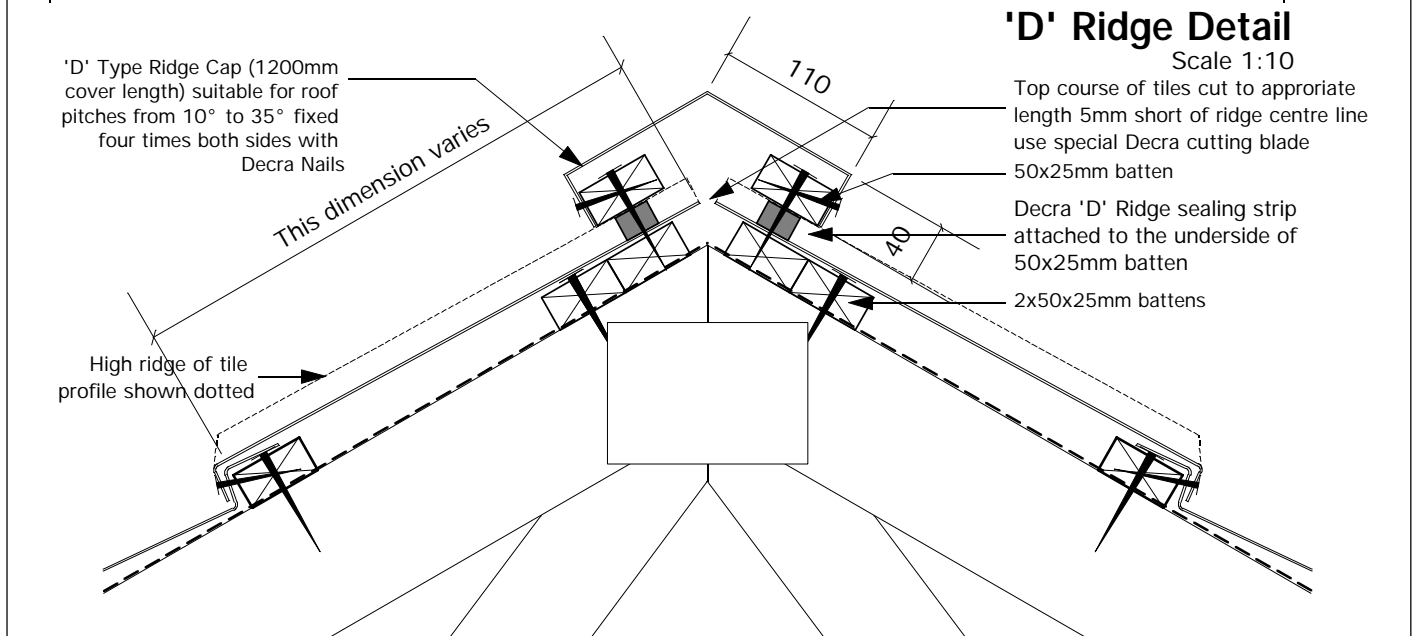
DRAWING NO **DPSE019** REVISION



### 'D' Ridge Detail

Scale 1:10

- Top course of tiles cut to appropriate length 5mm short of ridge centre line use special Decra cutting blade
- 50x25mm batten
- Decra 'D' Ridge sealing strip attached to the underside of 50x25mm batten
- 2x50x25mm battens



### 'D' Ridge Detail

Scale 1:5

#### Notes:

*Preformed Decra D Ridge end closure units are available*

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## DECRA PLUS

CONTENT

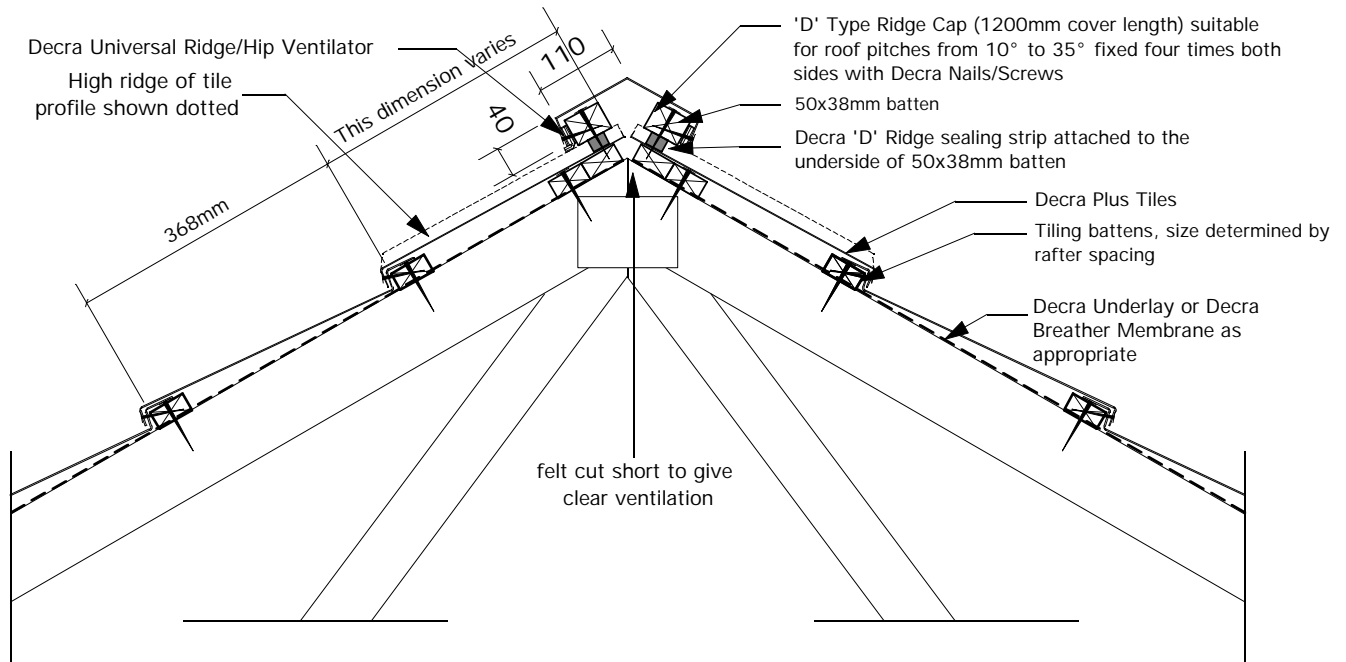
**DECRA PLUS  
UNVENTILATED D RIDGE DETAILS**

DRAWING SCALE **1:5/10**

DATE **29/01/01**

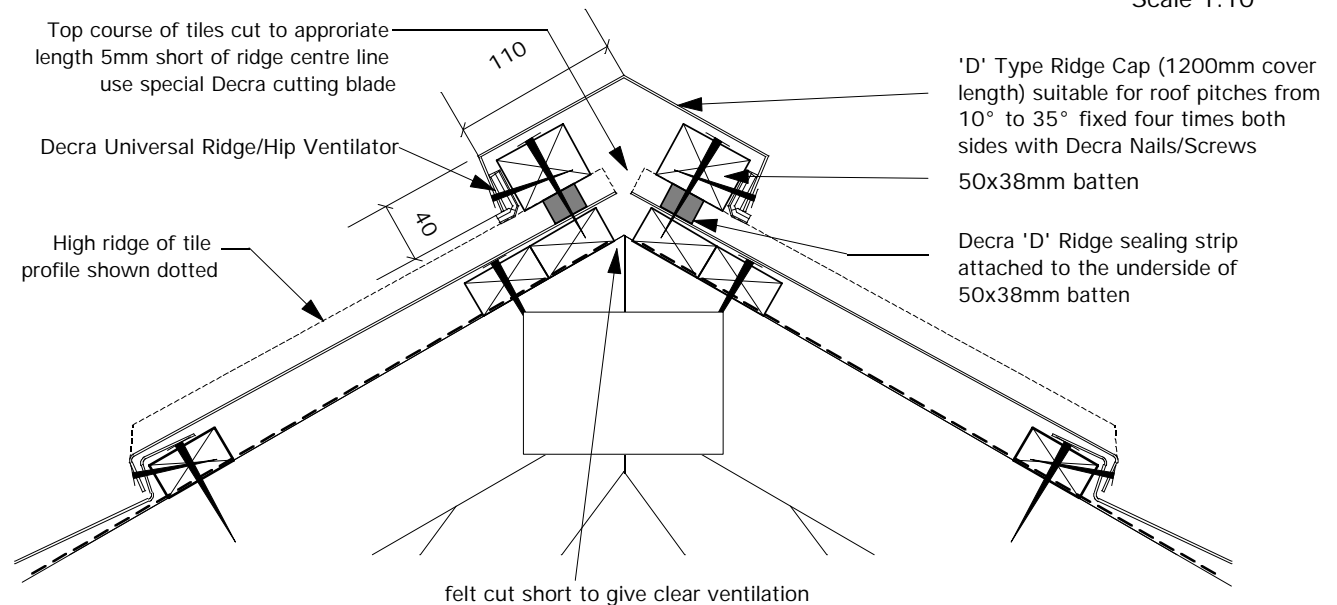
DRAWING NO **DPSE020**

REVISION



### Vented 'D' Ridge Detail

Scale 1:10



### Vented 'D' Ridge Detail

Scale 1:10

#### Notes:

*Preformed Decra D Ridge end closure units are available*

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## DECRA PLUS

CONTENT

DECRA PLUS

VENTILATED D RIDGE DETAIL

USING UNIVERSAL HIP/RIDGE VENTILATOR

DRAWING SCALE

1:10

DATE

29/01/01

DRAWING NO

DPSE021

REVISION

Universal D Ridge/Hip ventilator blanking pieces 1200mm long each side in length along ridge, centred on flue tile centre, to each side of gas flue terminal tile. Ventilation blanking pieces only used if rest of ridge is being ventilated with universal ridge ventilator.

High ridge of tile profile shown dotted

368mm

This dimension varies

Battens and tiles to be cut back to leave minimum 25mm clearance between tiles, timber and R Type Flue adapter

D type Ridge Cap with Gas Flue Ridge Terminal.

Decra 'D' Ridge sealing strip attached to the underside of 50x25mm batten

Decra Plus Tiles

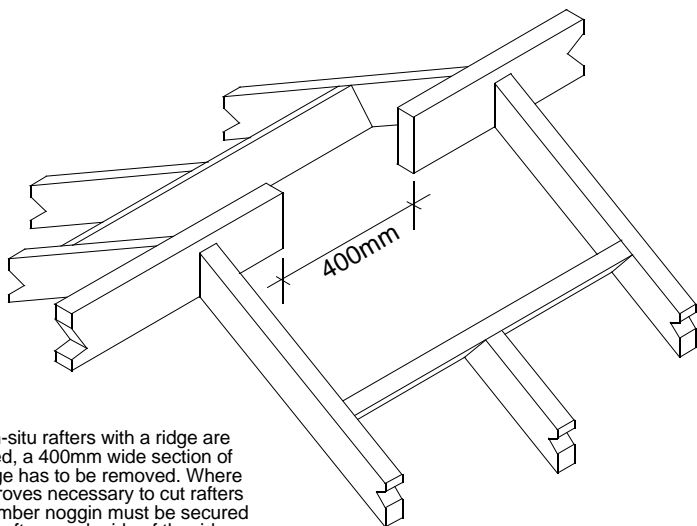
Tiling battens, size determined by rafter spacing

Decra Underlay or Decra Breather Membrane as appropriate

R Type Ridge Terminal adapter supplied by others.

### Ridge Detail

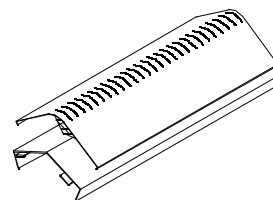
Scale 1:10



If in-situ rafters with a ridge are used, a 400mm wide section of ridge has to be removed. Where it proves necessary to cut rafters a timber noggin must be secured to rafters each side of the ridge.

### Cut Ridge Board Detail

Scale 1:20



### Flue Component Isometric

Scale 1:20

#### Notes:

To improve clearance between R Type adapter and flue terminal an extension piece (supplied by others) can be used.

This detail should be read in conjunction with the Gas Flue Terminal Installation Instructions. This is located on the Decra Technical Services CD, or may be obtained from Decra Roof Systems.

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## DECRA PLUS

CONTENT

**DECRA PLUS  
D RIDGE FLUE TERMINAL TILE**

DRAWING SCALE

**1:10/20**

DATE

**07/09/98**

DRAWING NO

**DPSE027**

REVISION

'D' Type Ridge Cap (1200mm cover length) suitable for roof pitches from 10° to 35° fixed four times both sides with Decra Nails/Screws

Decra Plus Tiles

40

110

End course cut to appropriate length 5mm short of hip line using special Decra cutting blade.

Decra 'D' Ridge sealing strip attached to underside of 50x25mm batten

50x25mm batten fixed to tile battens along length of hip

Hip Rafter

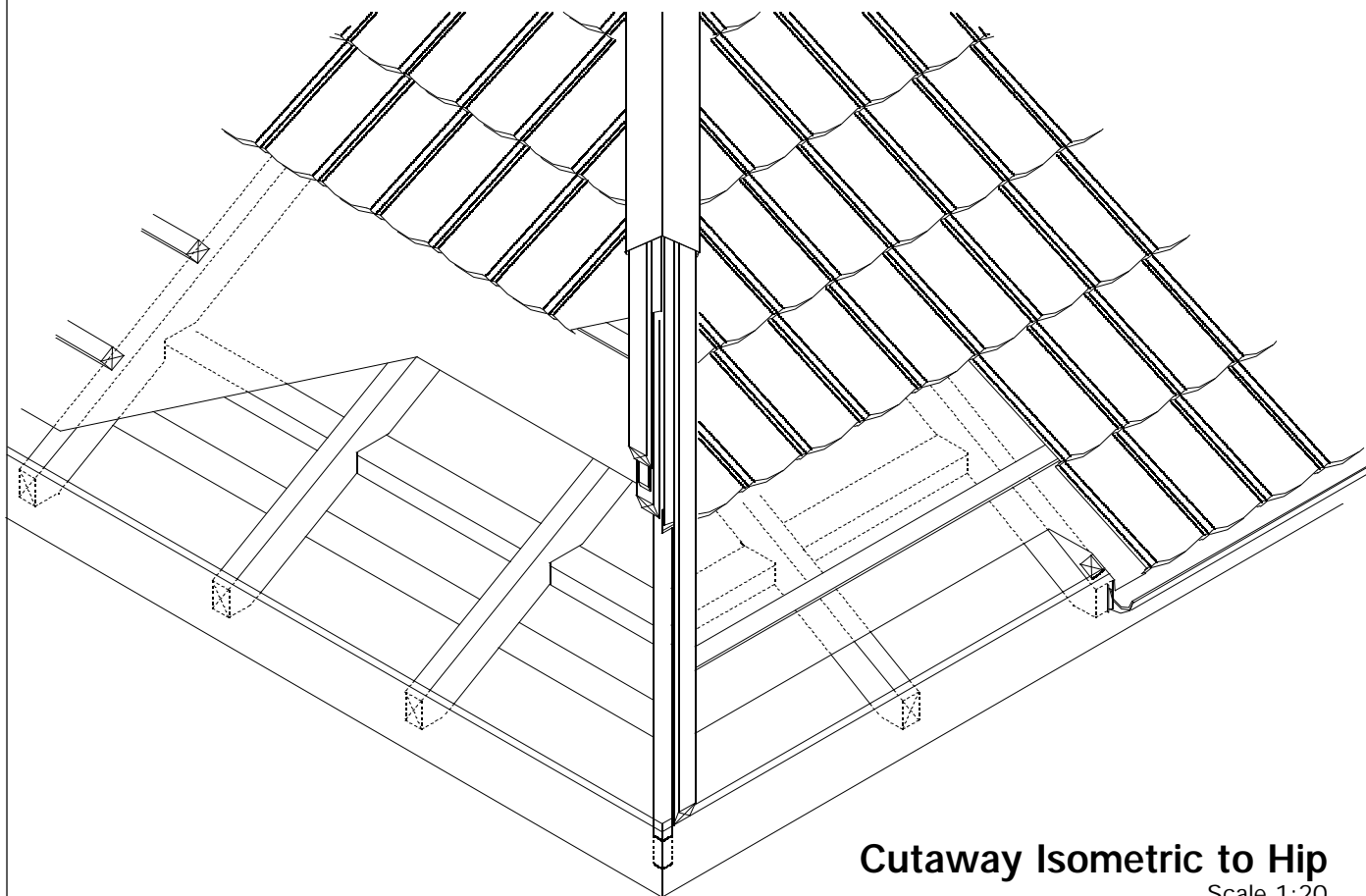
Tile Battens

Decra Underlay or Decra Breather Membrane as appropriate

Rafter

### Hip Detail Using Decra 'D' Ridge

Scale 1:10



### Cutaway Isometric to Hip

Scale 1:20

**Notes:**

*Decra D Ridge Hip End Closure Units are available*

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## DECRA PLUS

CONTENT

**DECRA PLUS  
HIP DETAIL USING D TYPE RIDGE**

DRAWING SCALE

**1:10/20**

DATE

**01/02/01**

DRAWING NO

**DPSE031**

REVISION

'D' Type Ridge Cap (1200mm cover length) suitable for roof pitches from 10° to 35° fixed four times both sides with Decra Nails/Screws

Universal Decra Ridge and Hip Vent

Decra Plus Tiles

Rafter

felt cut short to give clear ventilation

Decra Underlay or Decra Breather Membrane as appropriate

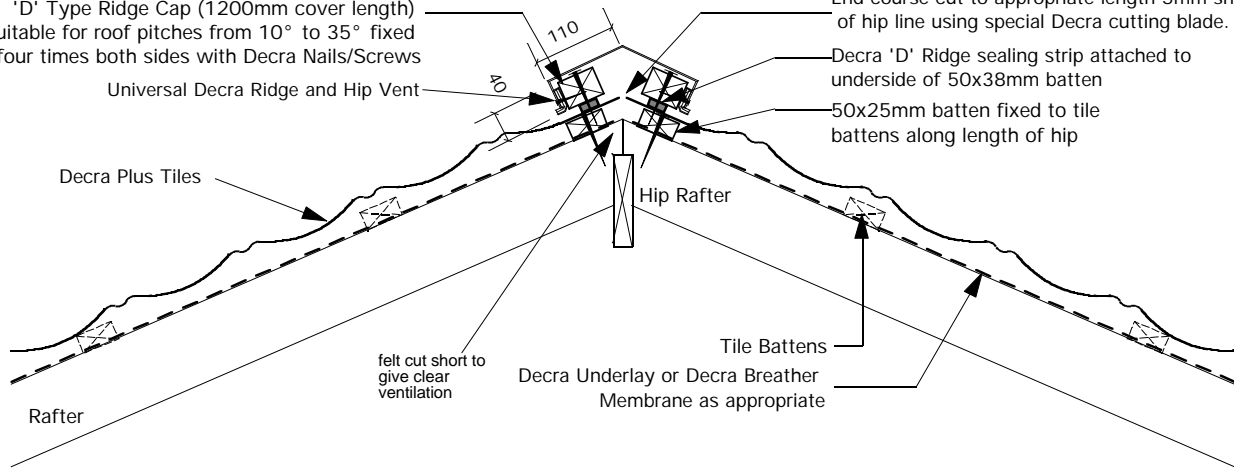
Tile Battens

Hip Rafter

End course cut to appropriate length 5mm short of hip line using special Decra cutting blade.

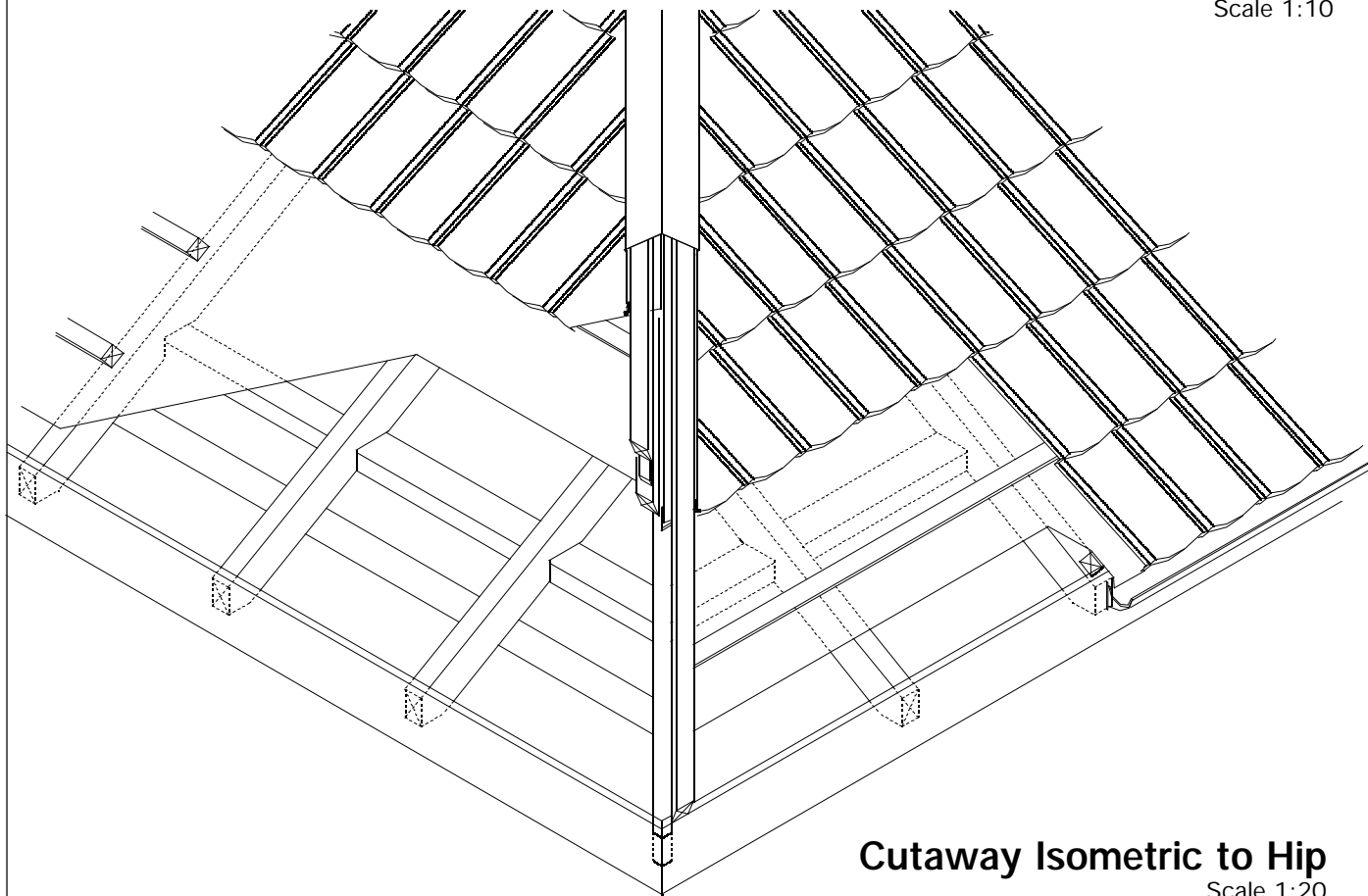
Decra 'D' Ridge sealing strip attached to underside of 50x38mm batten

50x25mm batten fixed to tile battens along length of hip



### Hip Detail Using Decra 'D' Ridge

Scale 1:10



### Cutaway Isometric to Hip

Scale 1:20

**Notes:**

*Decra D Ridge Hip End Closure Units are available*

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## DECRA PLUS

CONTENT

**DECRA PLUS  
HIP DETAIL USING D TYPE RIDGE  
VENTILATED**

DRAWING SCALE

**1:10/20**

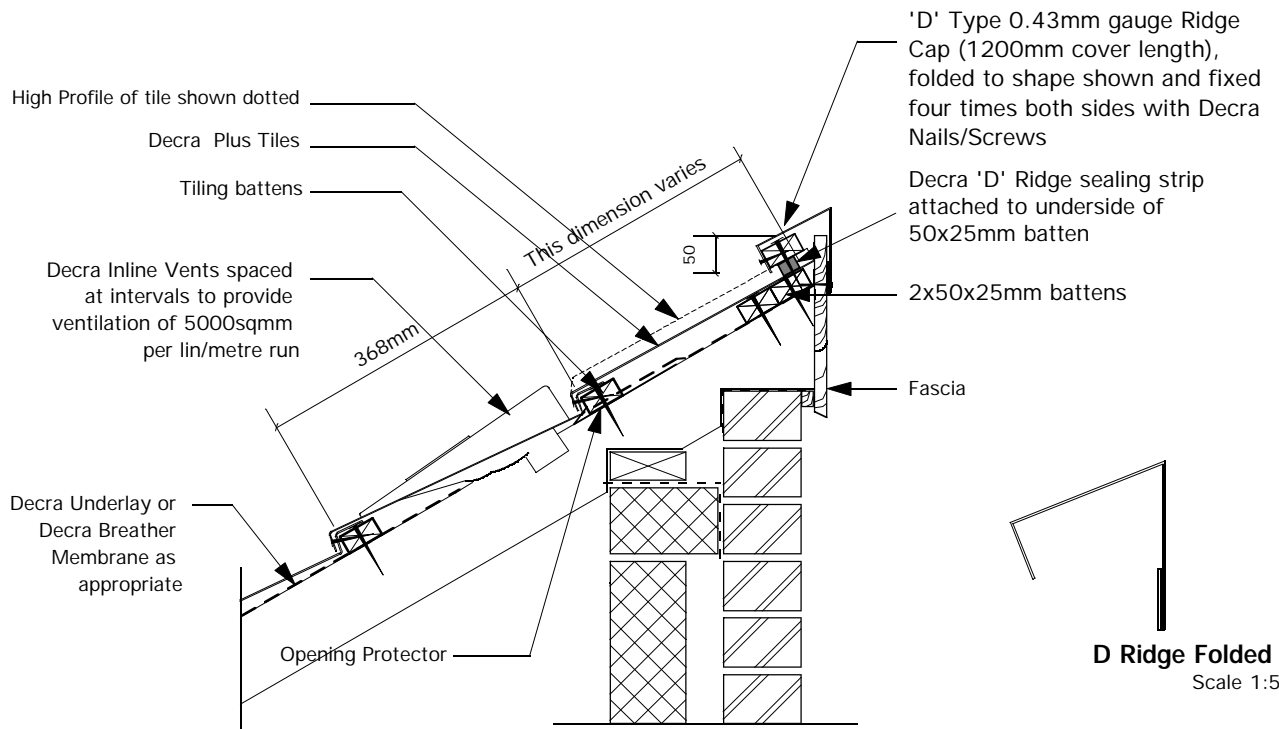
DATE

**01/02/01**

DRAWING NO

**DPSE032**

REVISION



**Mono Ridge Detail**  
Scale 1:10

**Notes:**

*This detail suitable up to maximum 35° only*

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**DECRA PLUS**

CONTENT

**DECRA PLUS  
MONO RIDGE DETAIL  
(D TYPE RIDGE)**

DRAWING SCALE

**1:10**

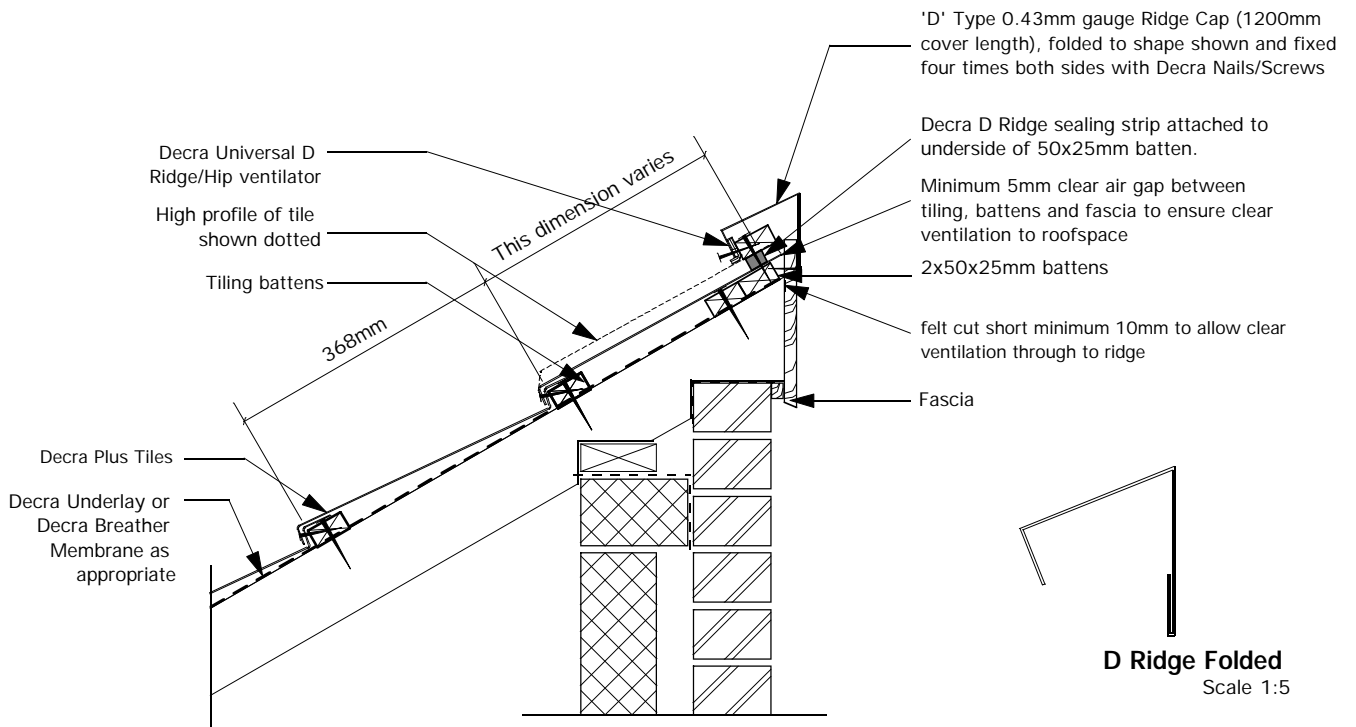
DATE

**01/02/01**

DRAWING NO

**DPSE040**

REVISION



**Mono Ridge Detail**  
Scale 1:10

**Notes:**

*This detail suitable up to maximum 35° only*

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**DECRA PLUS**

CONTENT

**DECRA PLUS  
MONO RIDGE DETAIL  
D RIDGE WITH UNIVERSAL D HIP/RIDGE VENT**

DRAWING SCALE

**1:10**

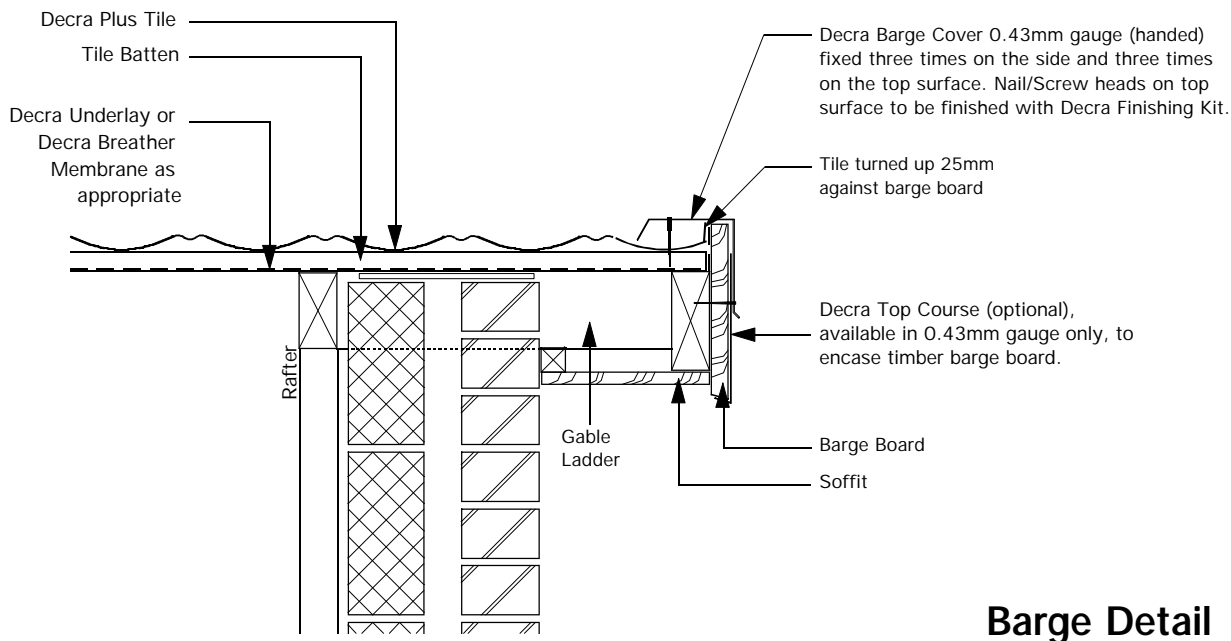
DATE

**01/02/01**

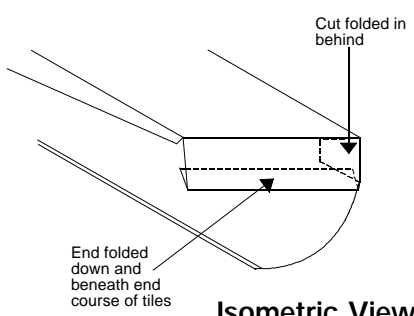
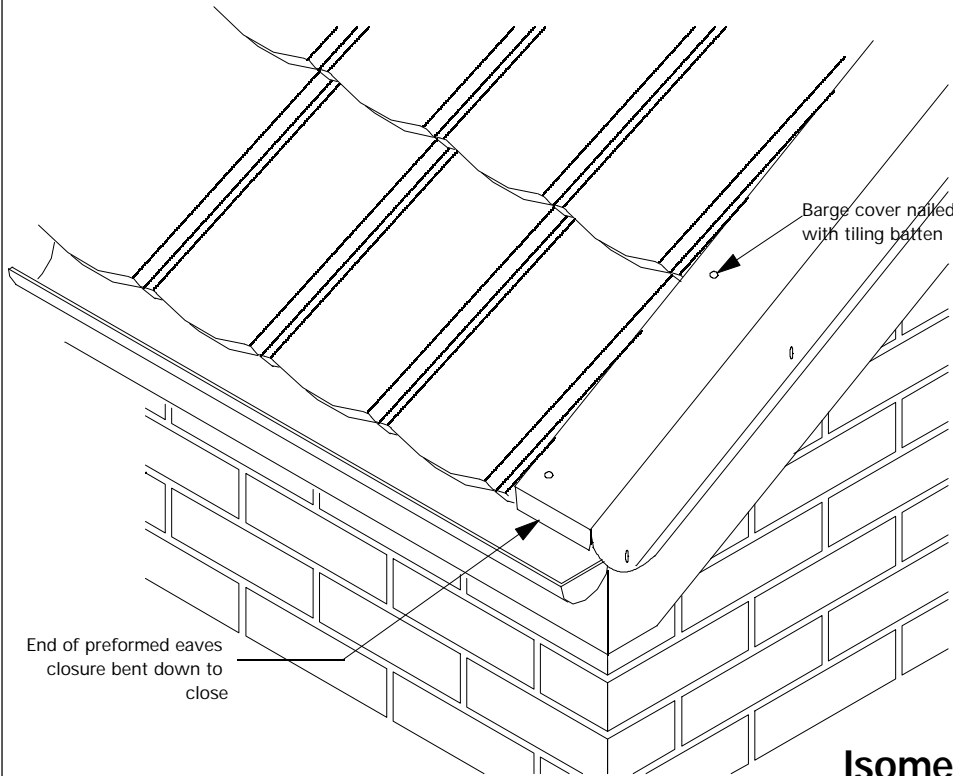
DRAWING NO

**DPSE041**

REVISION



**Barge Detail**  
Scale 1:10



**Isometric View**  
Scale 1:5

**Isometric Detail at Gutter**  
Scale 1:10

**Notes:**

*Decra Barge Covers available in 0.43mm standard gauge*

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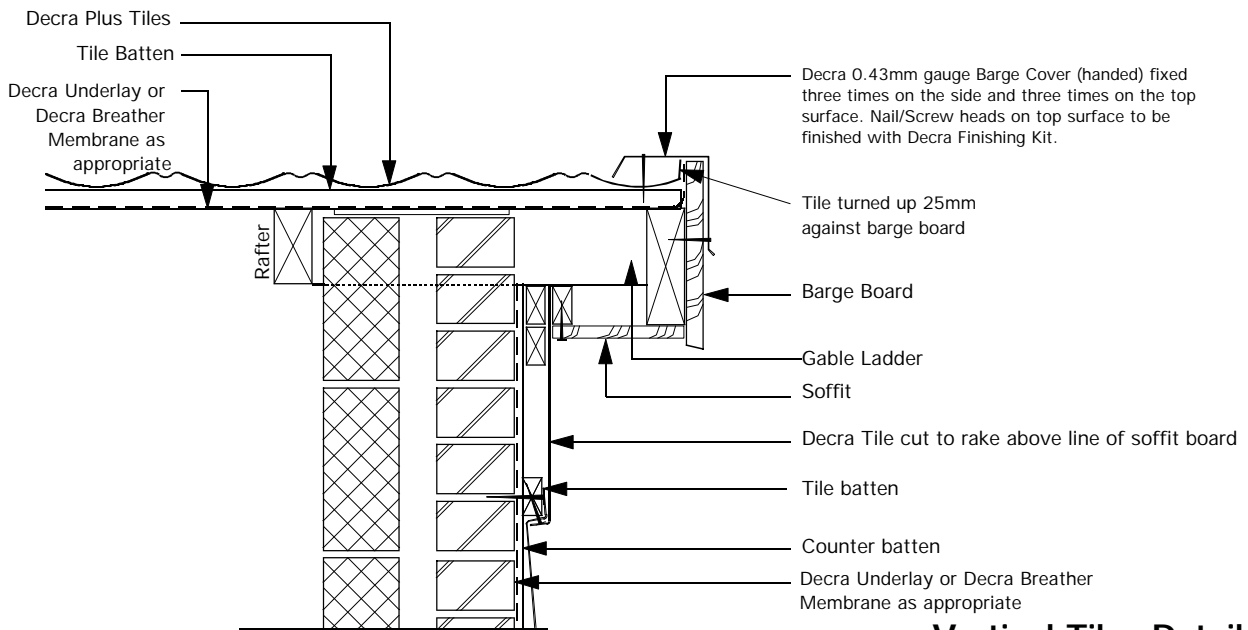


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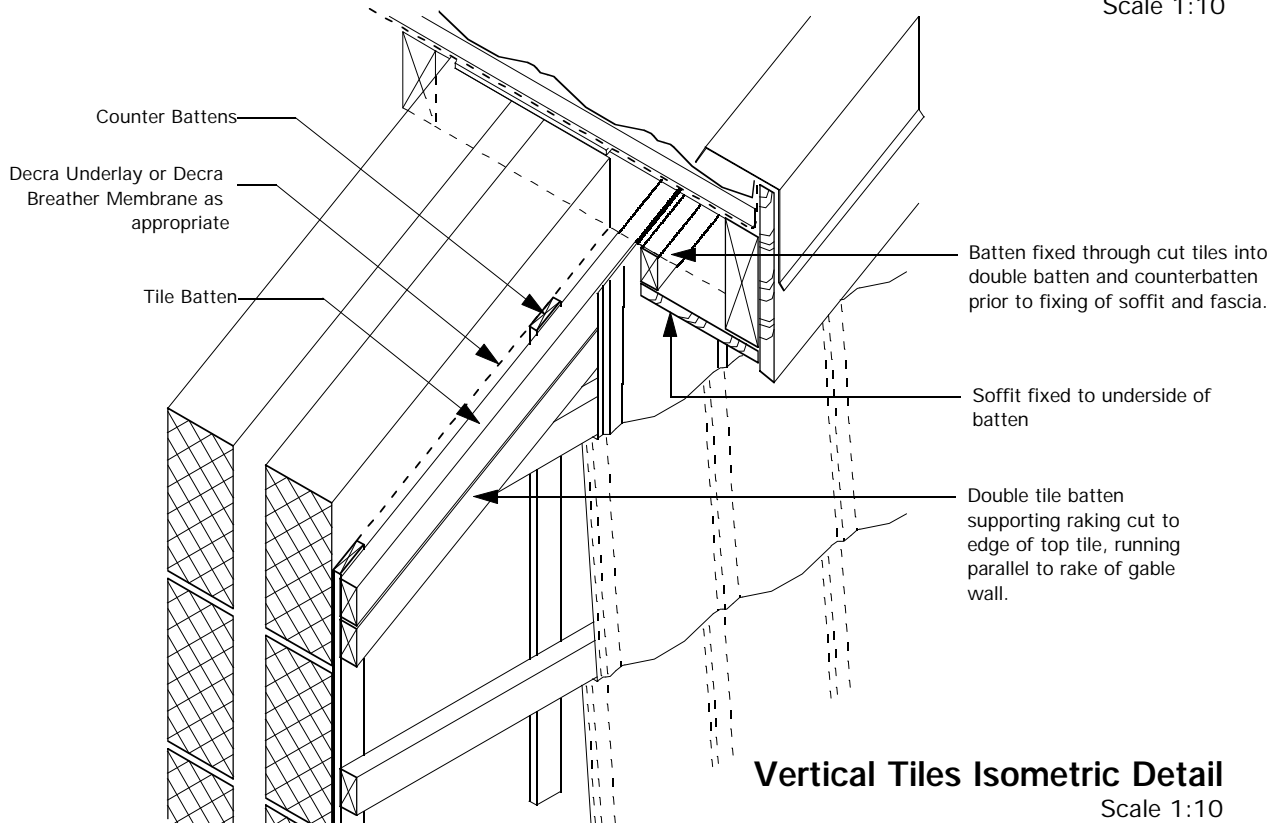
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<b>DECRA PLUS</b>			
CONTENT		<b>DECRA PLUS VERGE DETAIL</b>	
DRAWING SCALE	<b>1:10</b>	DATE	<b>01/02/01</b>
DRAWING NO	<b>DPSE050</b>	REVISION	



**Vertical Tiles Detail**  
Scale 1:10



**Vertical Tiles Isometric Detail**  
Scale 1:10

**Notes:**

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**DECRA PLUS**

CONTENT

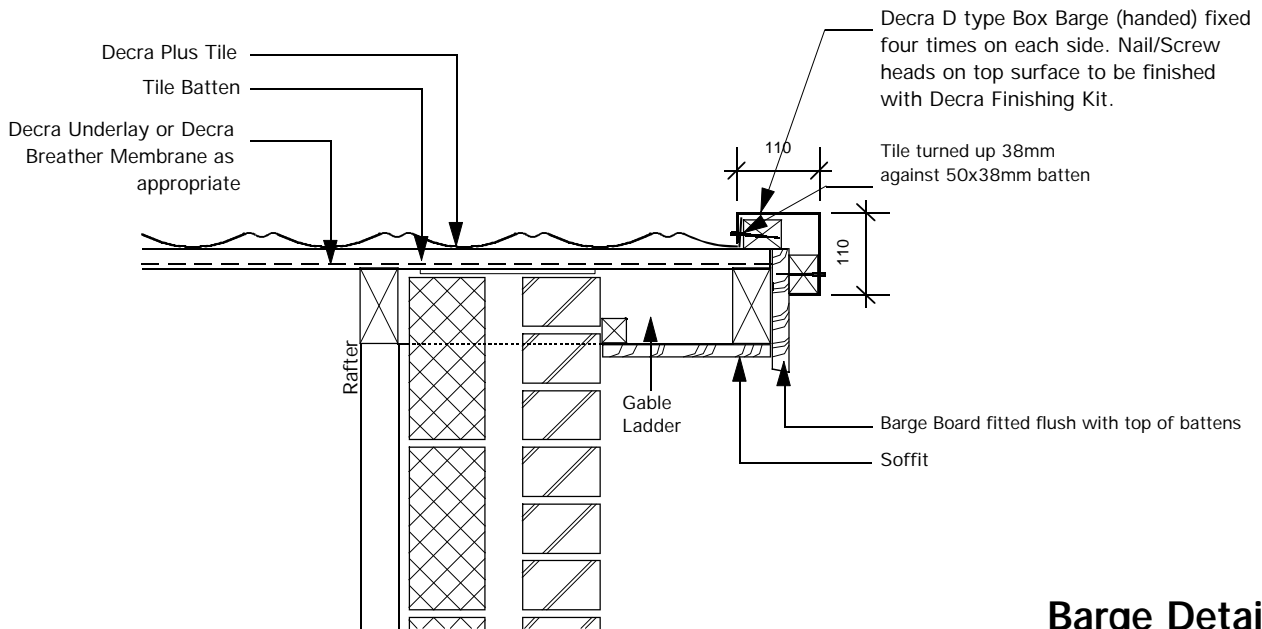
**DECRA PLUS  
VERTICAL TILING DETAIL**

DRAWING SCALE **1:10**

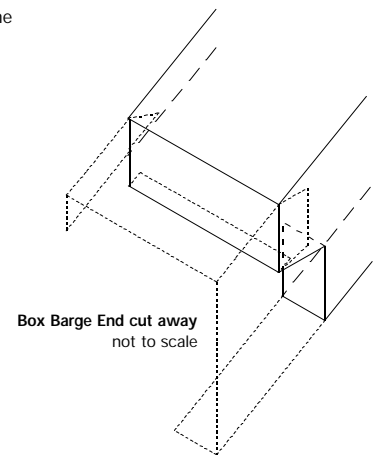
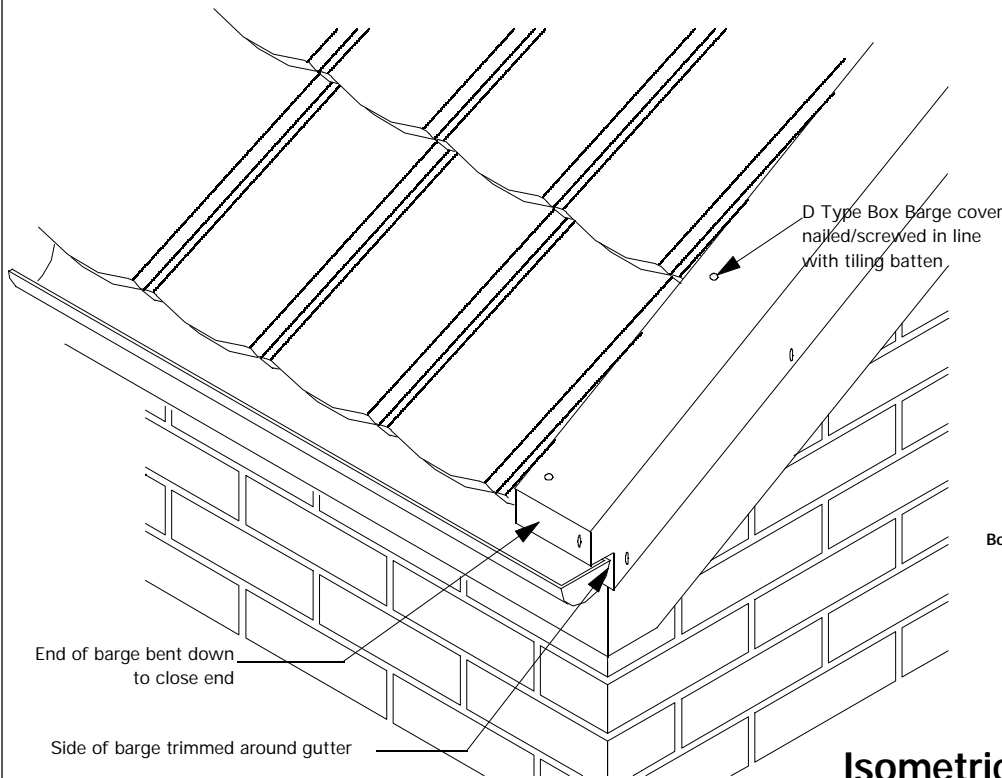
DATE **01/02/01**

DRAWING NO **DPSE051**

REVISION



**Barge Detail**  
Scale 1:10



**Isometric Detail at Gutter**  
Scale 1:10

**Notes:**

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**DECRA PLUS**

CONTENT

**DECRA PLUS**

**VERGE DETAIL USING 'D' BOX BARGE**

DRAWING SCALE

**1:10**

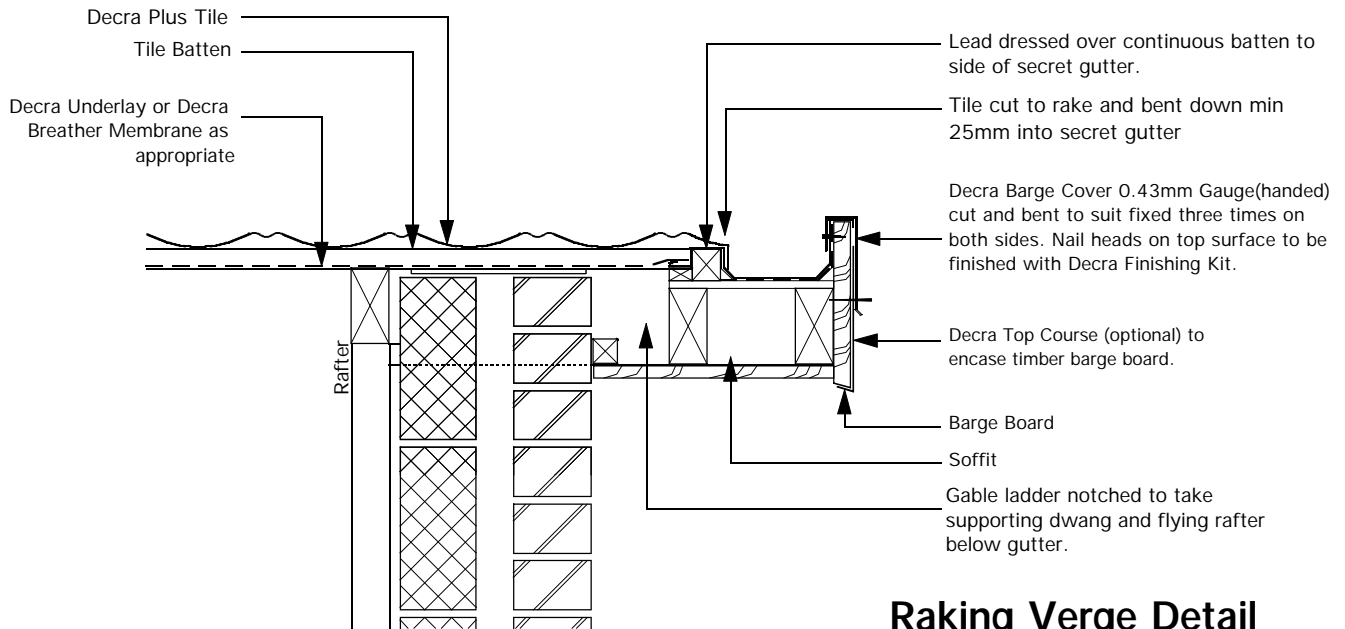
DATE

**01/02/01**

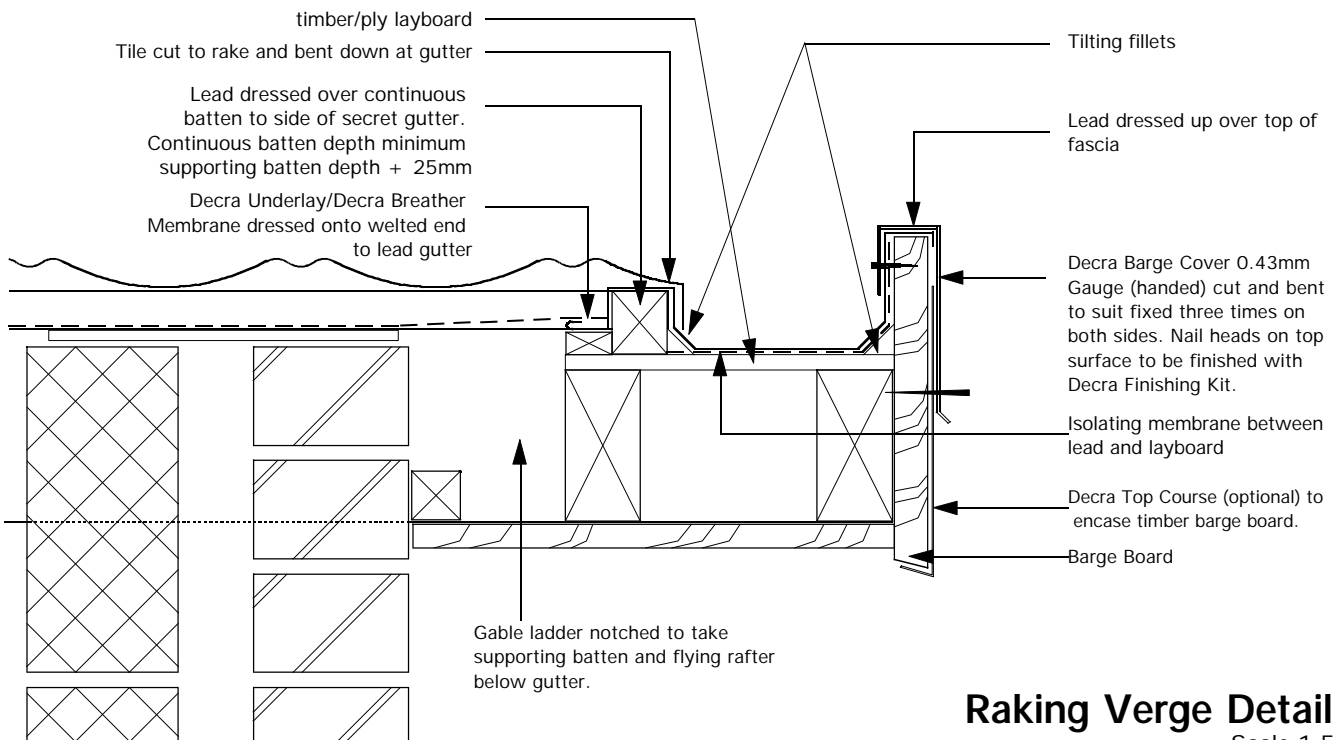
DRAWING NO

**DPSE052**

REVISION



**Raking Verge Detail**  
Scale 1:10



**Raking Verge Detail**  
Scale 1:5

**Notes:**

Gutter depth and width shown are indicative.  
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 and BS 6367

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**DECRA PLUS**

CONTENT

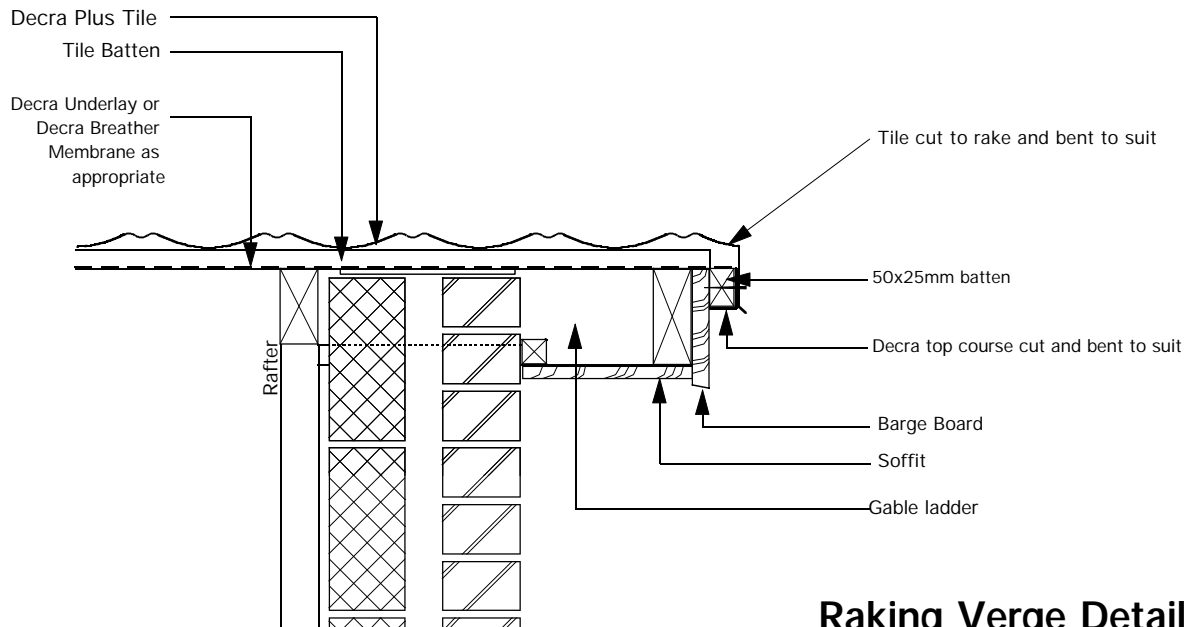
**DECRA PLUS**  
**RAKING VERGE - INTERNAL GUTTER**

DRAWING SCALE **1:10**

DATE **07/02/01**

DRAWING NO **DPSE053**

REVISION



**Raking Verge Detail**  
Scale 1:10

**Notes:**

*Consideration should be given to the method of adequately draining rainwater run-off from the roof when using this detail. Where an external gutter is to be used the manufacturer's recommendations regarding minimum and maximum falls should be strictly adhered to.*

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**DECRA PLUS**

CONTENT

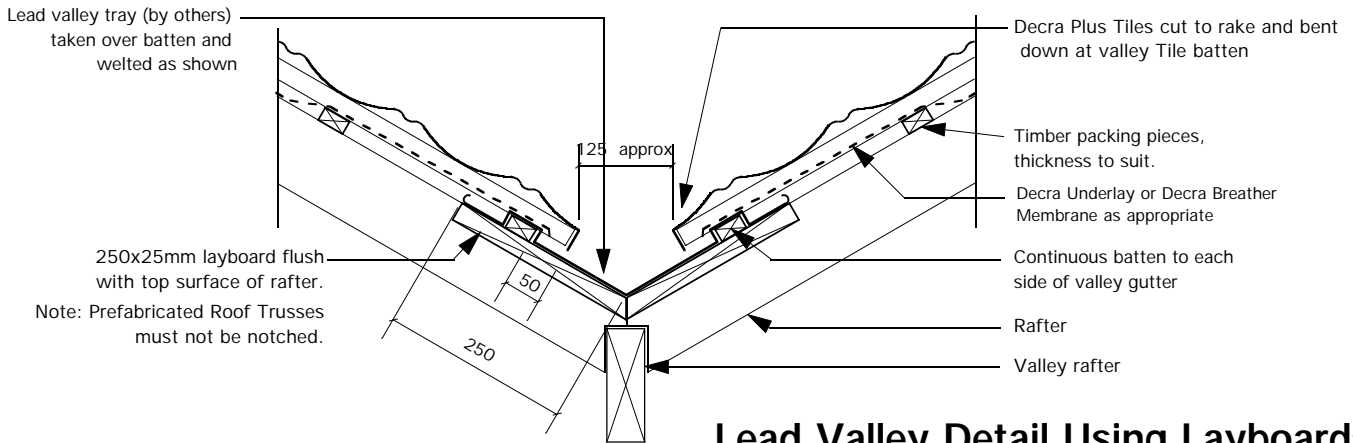
**DECRA PLUS  
RAKING VERGE DETAIL**

DRAWING SCALE **1:10**

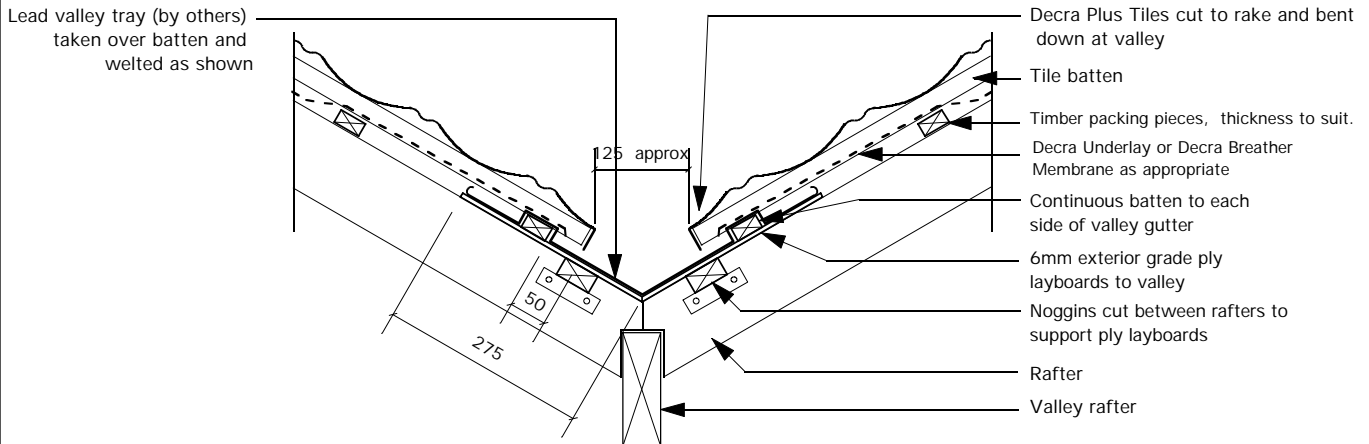
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DRAWING NO **DPSE054**

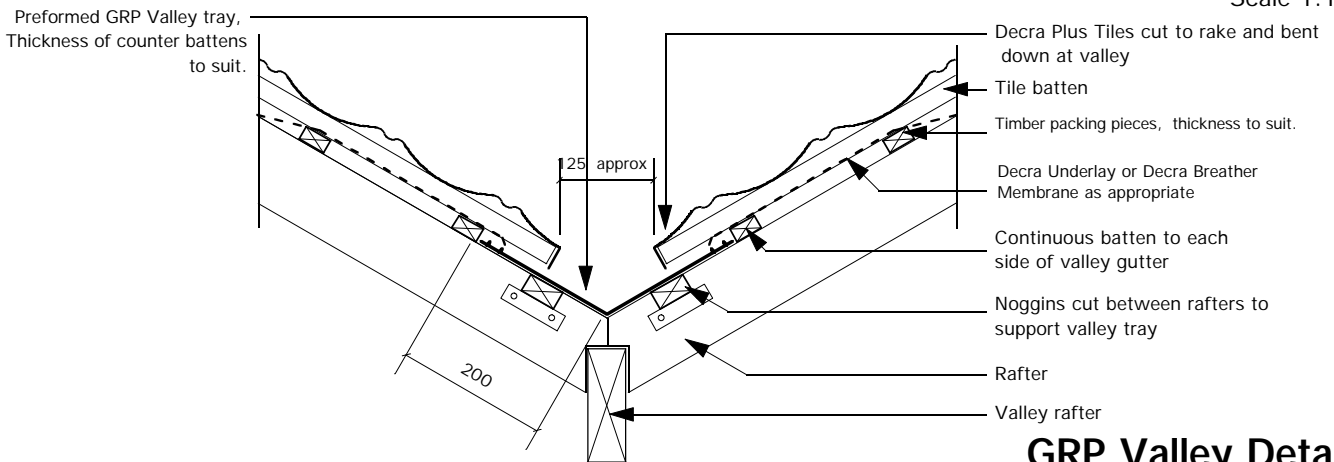
REVISION



**Lead Valley Detail Using Layboards**  
Scale 1:10



**Lead Valley Detail Using Layboards Over Rafters**  
Scale 1:10



**GRP Valley Detail**  
Scale 1:10

**Notes:**

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 rafters to create an upstand for the valley tray, and should be reduced from minimum 19mm thick across three or more rafters to avoid a visible rise in the tiling.

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**DECRA PLUS**

**DECRA PLUS  
VALLEY GUTTER DETAILS**

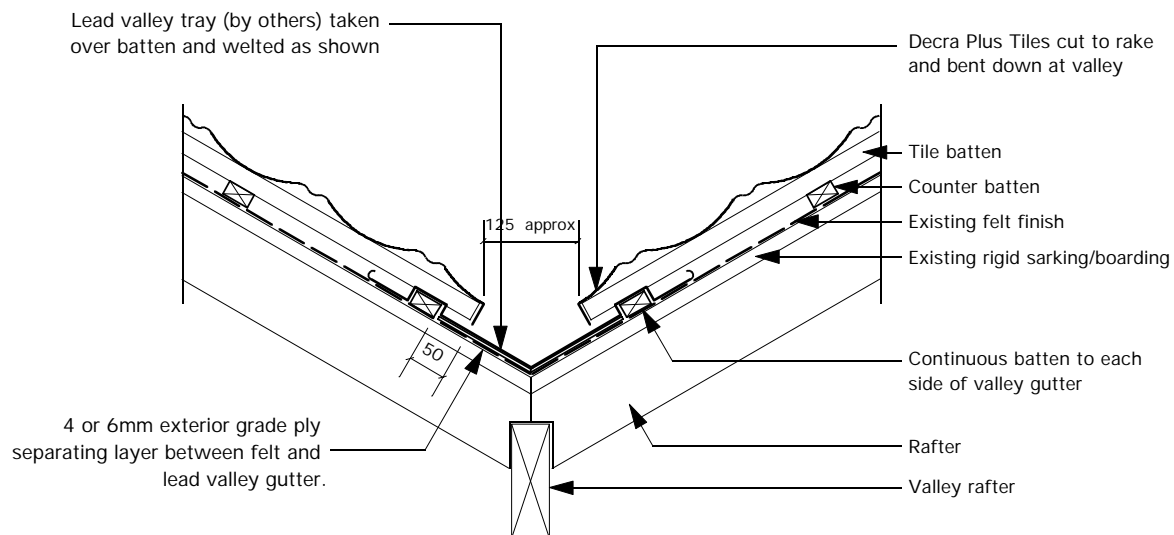
CONTENT

DRAWING SCALE **1:10**

DATE **01/02/01**

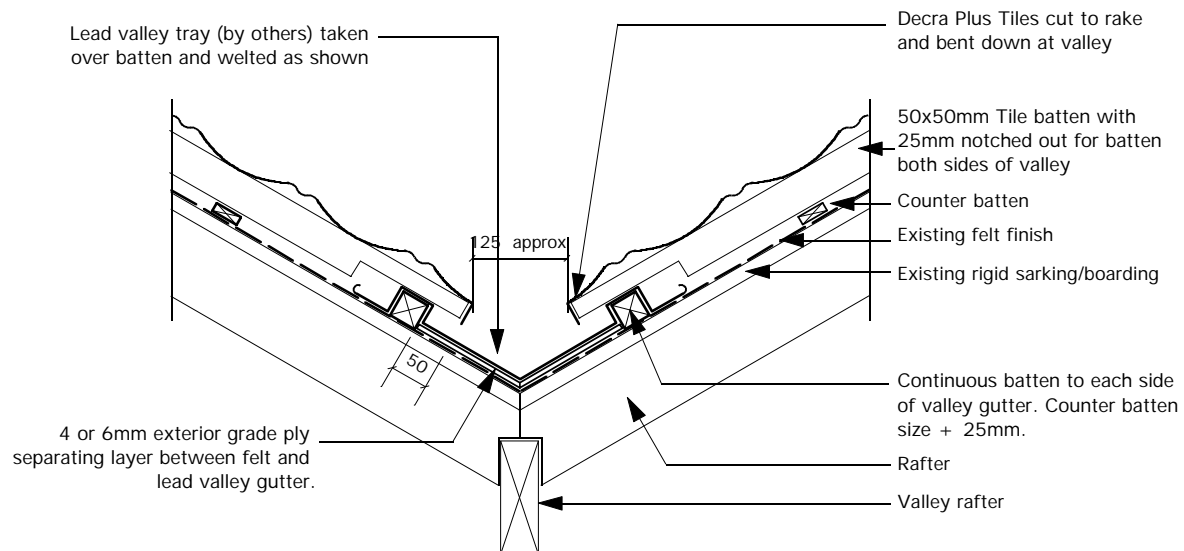
DRAWING NO **DPSE055**

REVISION



### Lead Valley Detail On Felt or Boarded Roof

Scale 1:10



### Lead Valley Detail using 50x50mm Tile Battens

Scale 1:10

**Notes:**

*Valley gutter sizes to be adjusted as required to comply with calculated width requirements of Code Of Practice as set out in BS 5534: Part 1*

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## DECRA PLUS

CONTENT

**DECRA PLUS  
VALLEY GUTTER DETAILS  
TO FELTED/BOARDED ROOF**

DRAWING SCALE

**1:10**

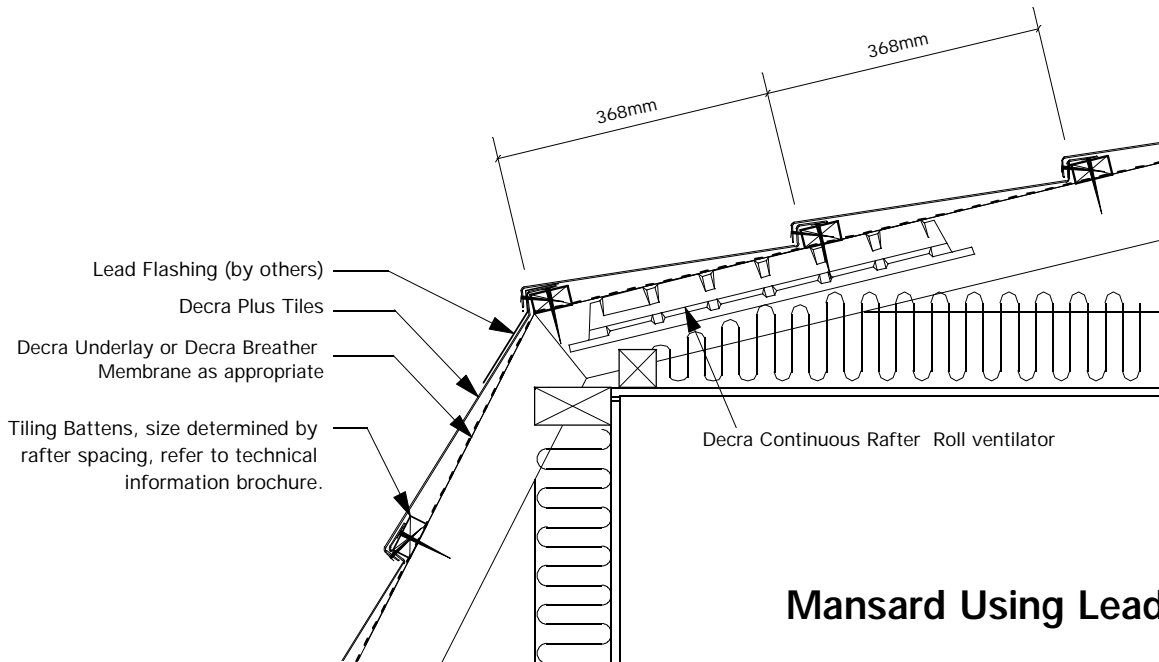
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**01/02/01**

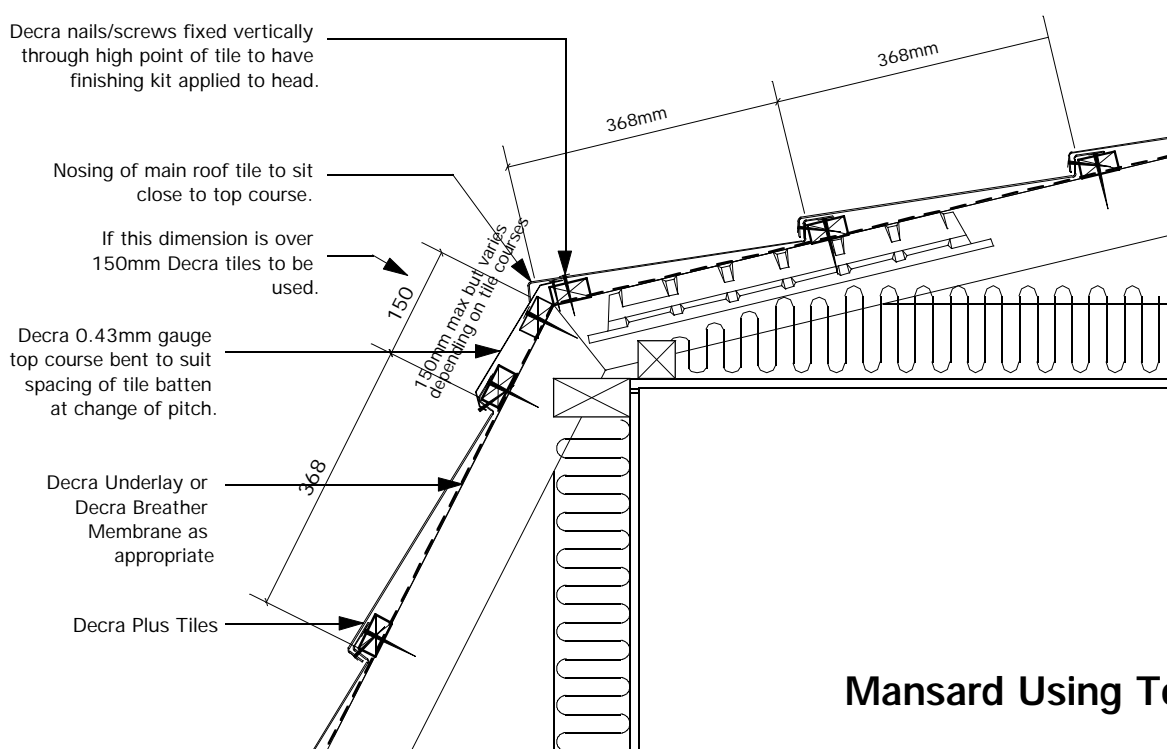
DRAWING NO

**DPSE056**

REVISION



**Mansard Using Lead Flashing**  
Scale 1:10



**Mansard Using Top Course**  
Scale 1:10

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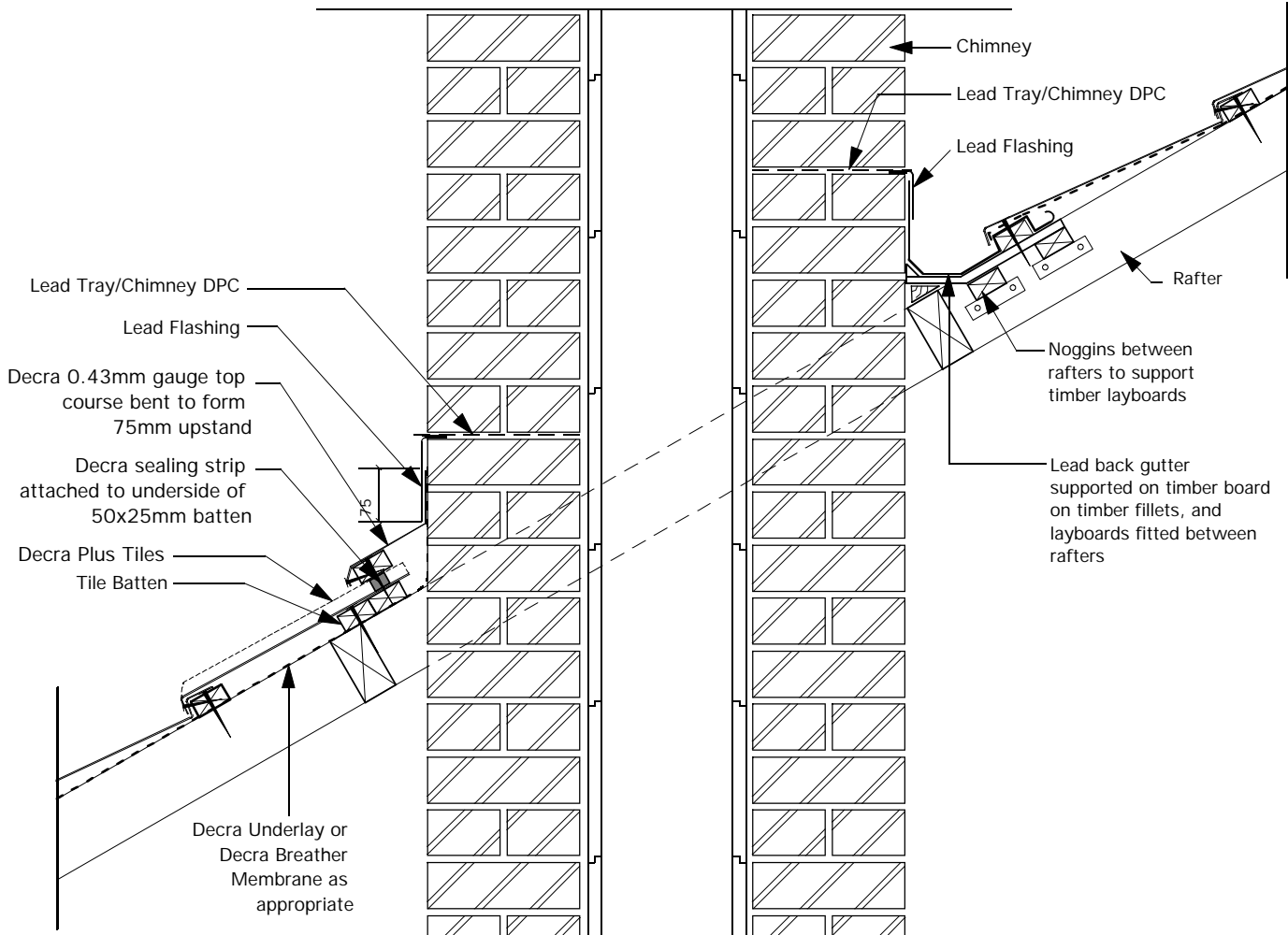
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CONTENT	<b>DECRA PLUS MANSARD ROOF DETAIL</b>	
DRAWING SCALE	<b>1:10</b>	DATE 01/02/01
DRAWING NO	<b>DPSE060</b>	REVISION

Note:  
Flue diameter and thickness of brickwork to comply with building regulations requirements. Thicknesses shown are indicative



**Flashing Details to Chimney**  
Scale 1:10

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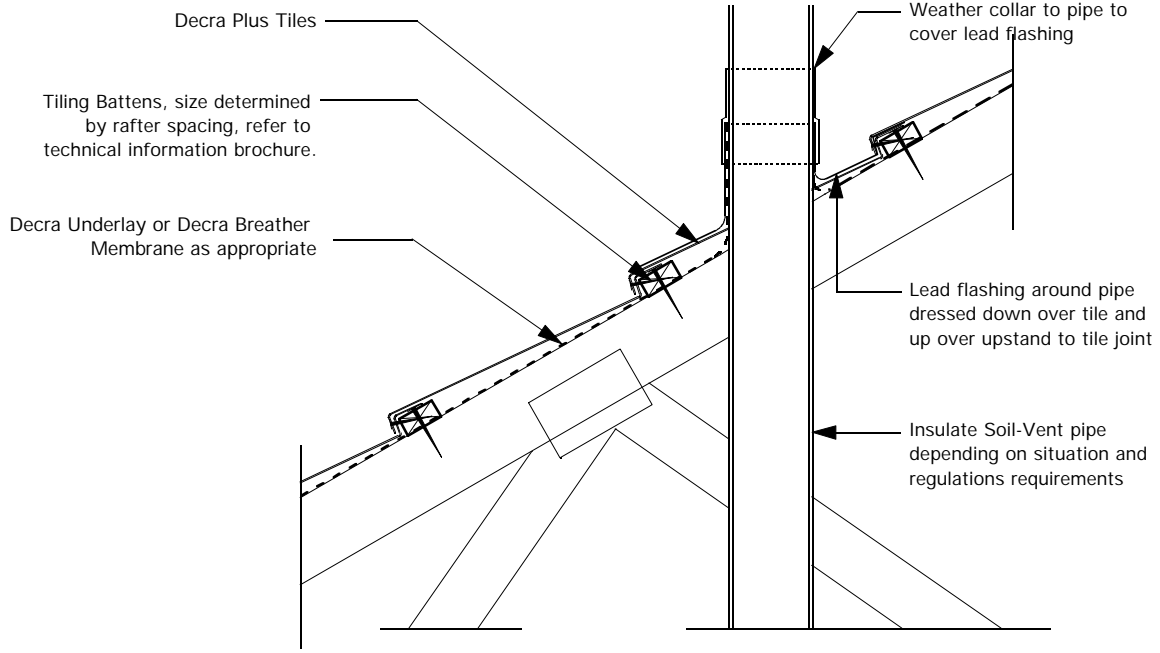
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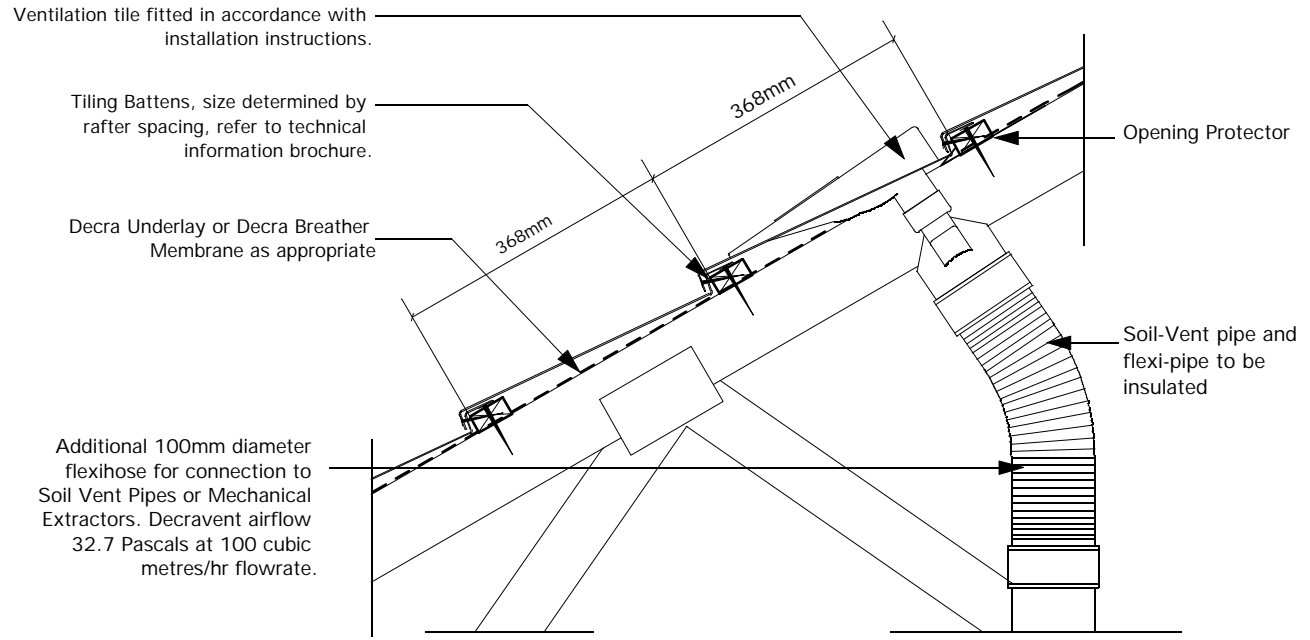
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**DECRA PLUS**

CONTENT		
<b>DECRA PLUS FLASHING DETAILS TO CHIMNEY</b>		
DRAWING SCALE	<b>1:10</b>	DATE <b>01/02/01</b>
DRAWING NO	<b>DPSE061</b>	REVISION



**Soil Vent Pipe Through Roof**  
Scale 1:10



**Decra InLine Tile Ventilator to Soil Vent Pipe**  
Scale 1:10

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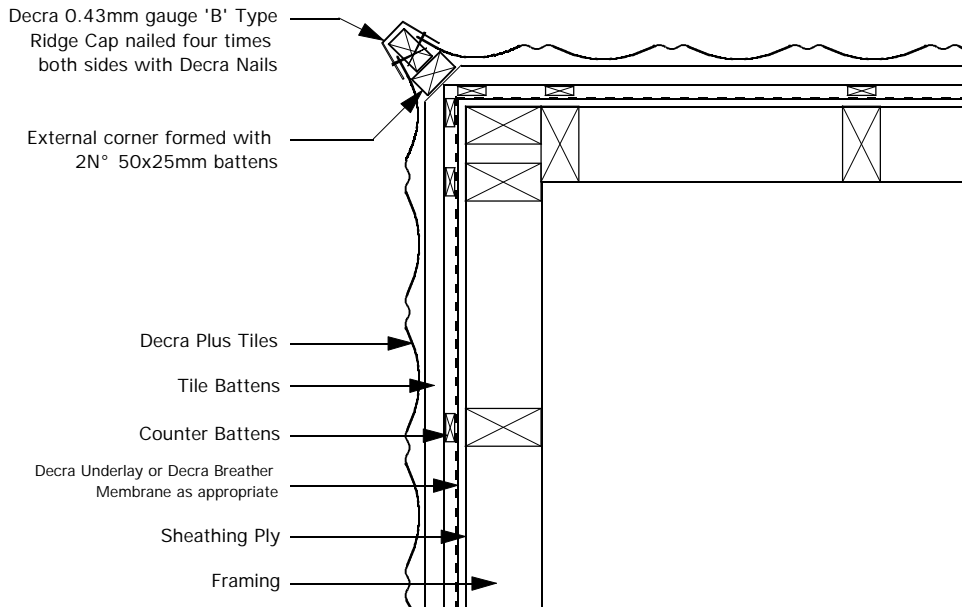


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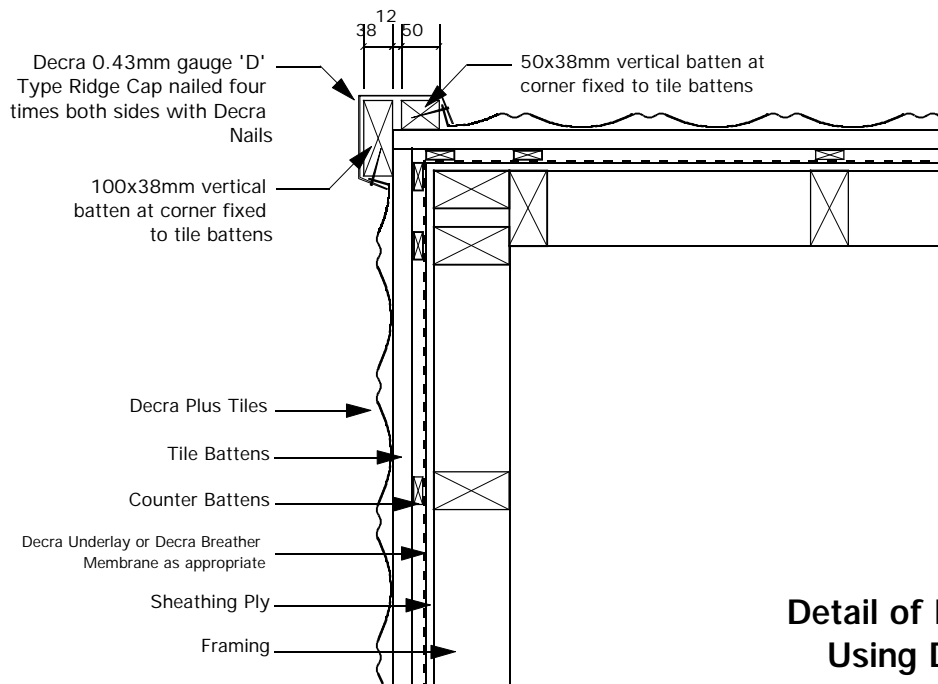
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<b>DECRA PLUS</b>		
<b>DECRA PLUS SOIL-VENT TERMINAL DETAILS</b>		
CONTENT		
DRAWING SCALE	<b>1:10</b>	DATE <b>01/02/01</b>
DRAWING NO	<b>DPSE062</b>	REVISION



**Detail of External Corner  
Using Decra 'B' Ridge**

Scale 1:10



**Detail of External Corner  
Using Decra 'D' Ridge**

Scale 1:10

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**DECRA PLUS**

CONTENT

**DECRA PLUS  
VERTICAL CORNER DETAILS**

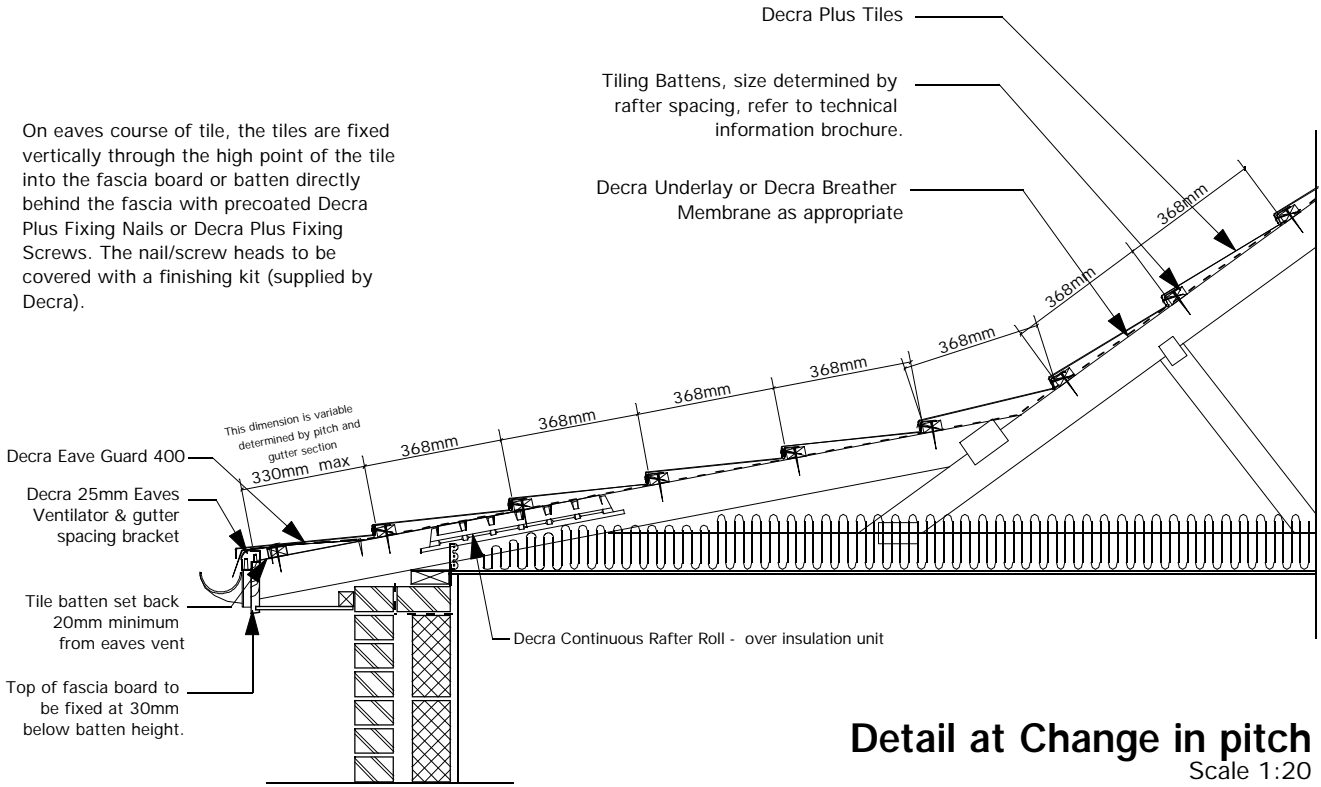
DRAWING SCALE **1:10**

DATE **01/02/01**

DRAWING NO **DPSE064**

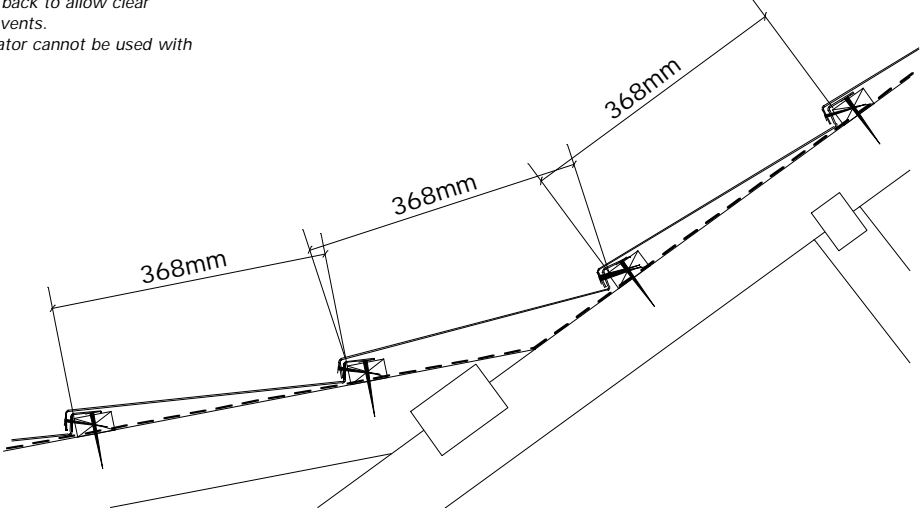
REVISION

On eaves course of tile, the tiles are fixed vertically through the high point of the tile into the fascia board or batten directly behind the fascia with pre-coated Decra Plus Fixing Nails or Decra Plus Fixing Screws. The nail/screw heads to be covered with a finishing kit (supplied by Decra).



**Detail at Change in pitch**  
Scale 1:20

**Note:**  
If eaves ventilation is to be used, fascia board is to be fixed at 15mm below batten height for 10mm over fascia ventilator and 25mm below for 25mm over fascia ventilator. Sarking board to be cut back to allow clear ventilation when using over fascia vents.  
**Note:** the 10mm over fascia ventilator cannot be used with roof pitches below 15°



**Detail at Change in pitch**  
Scale 1:10

**Notes:**

Refer also to detail drawings DPSE015, DPSE016, DPSE017 and DPSE 018 for Decra Eave Gaurd and Decra Fascia Vent combinations. Note that the 10mm fascia vent cannot be used at roof pitches below 15°, the 25mm fascia vent should be used instead - see also the ventilation recommendations in the information section of the Decra Technical Services CD.

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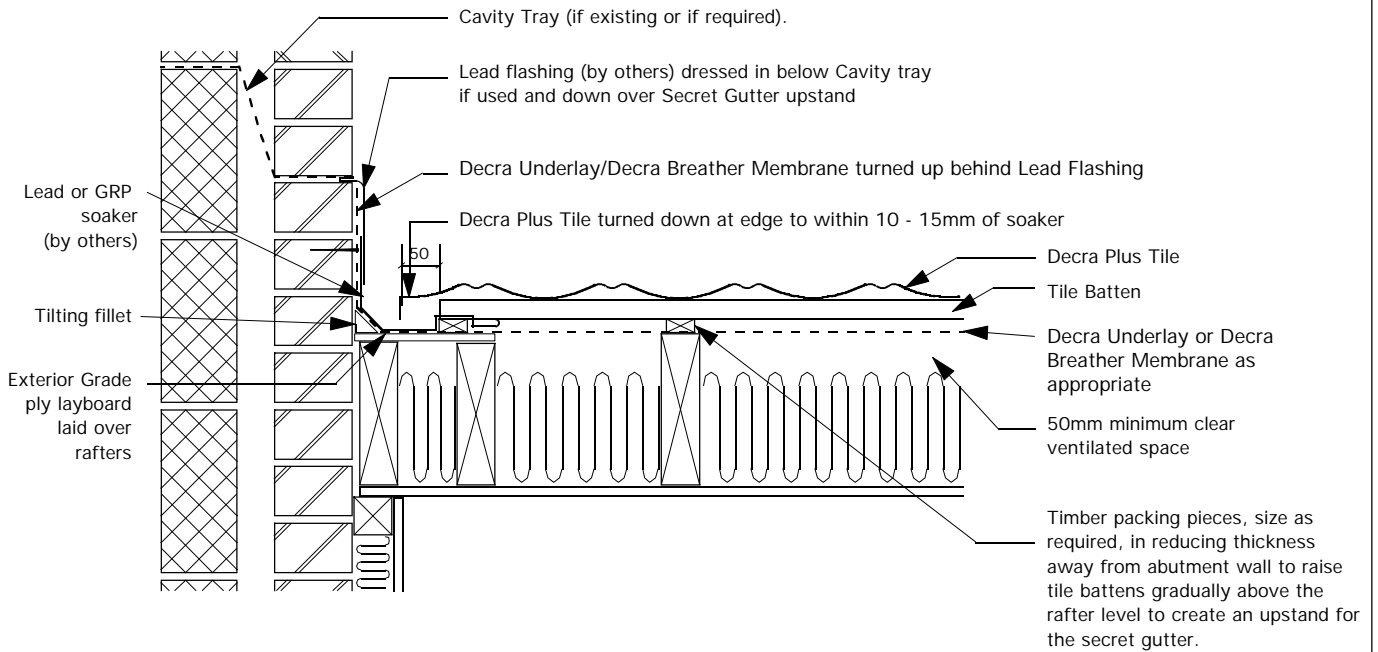


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<b>DECRA PLUS</b>		
<b>CONTENT</b> <b>DETAIL AT CHANGE IN ROOF PITCH USING DECRA EAVE GUARD 400 AND 25MM VENTILATOR</b>		
DRAWING SCALE	<b>1:10/20</b>	DATE <b>21/04/03</b>
DRAWING NO	<b>DPSE065</b>	REVISION



### Abutment Detail With Secret Gutter

Scale 1:10

**Notes:**

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

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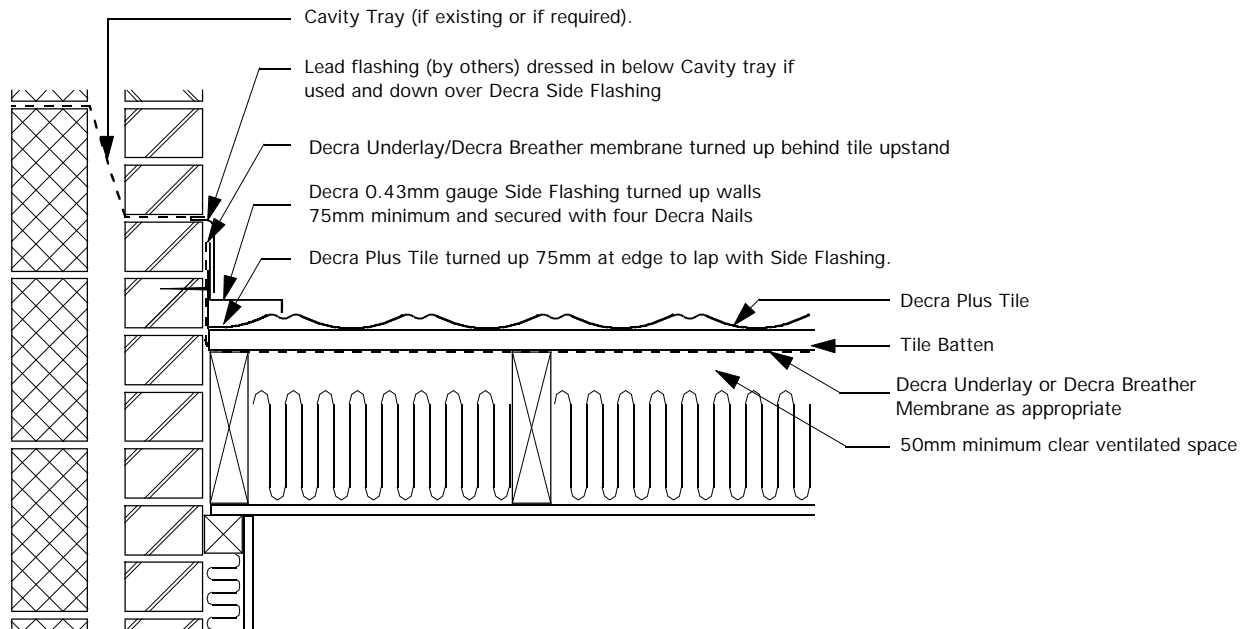
**DECRA PLUS  
ABUTMENT DETAIL WITH SECRET GUTTER**

DRAWING SCALE **1:10**

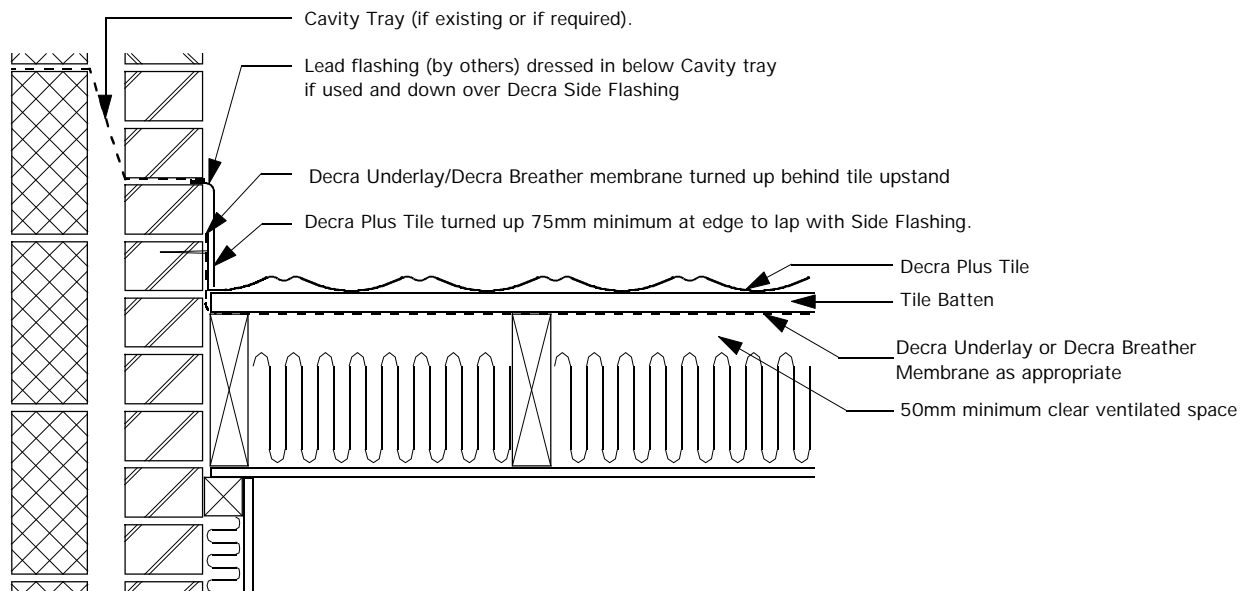
DATE **01/02/01**

DRAWING NO **DPSE070**

REVISION



**Abutment Detail Using Decra Side Flashing**  
Scale 1:10



**Abutment Detail Without Side Flashing**  
Scale 1:10

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**DECRA PLUS**

**DECRA PLUS  
ABUTMENT DETAILS**

CONTENT

DRAWING SCALE

**1:10**

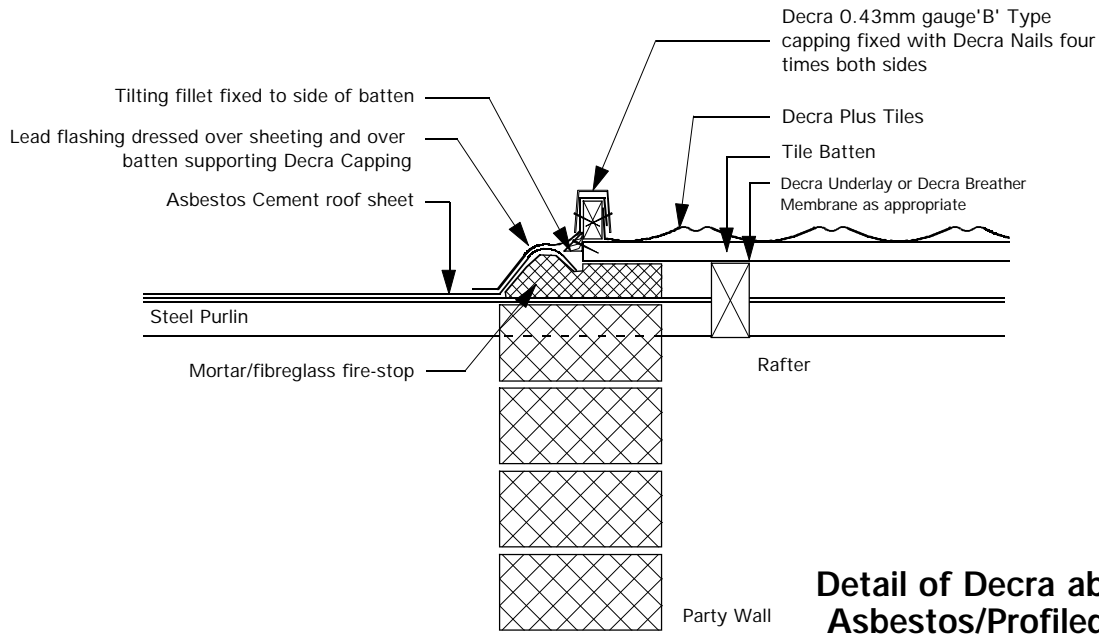
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**01/02/01**

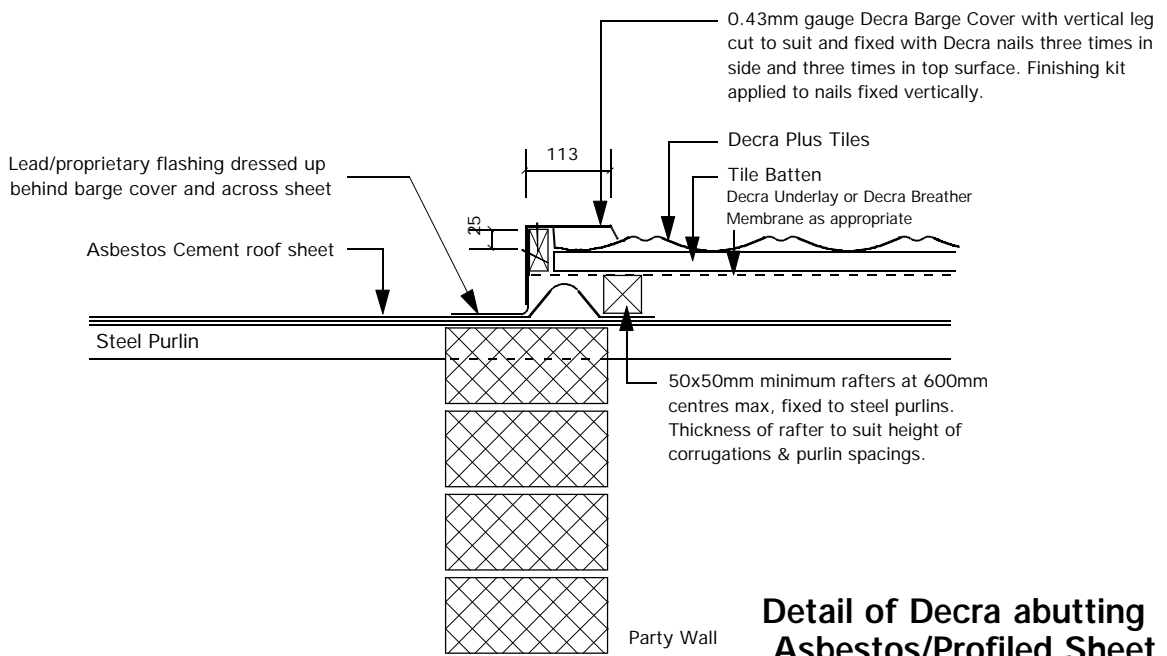
DRAWING NO

**DPSE071**

REVISION



**Detail of Decra abutting Asbestos/Profiled Sheet**  
Scale 1:10



**Detail of Decra abutting Asbestos/Profiled Sheet**  
Scale 1:10

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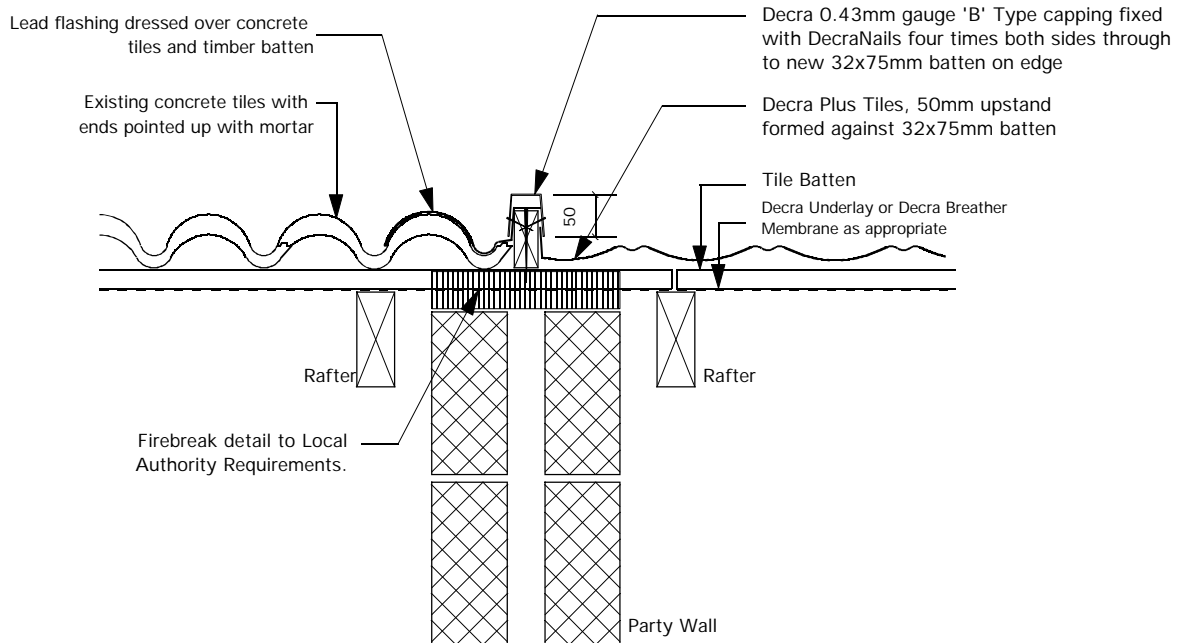
**DECRA PLUS  
ROOF SHEETING ABUTMENT DETAILS**

DRAWING SCALE **1:10**

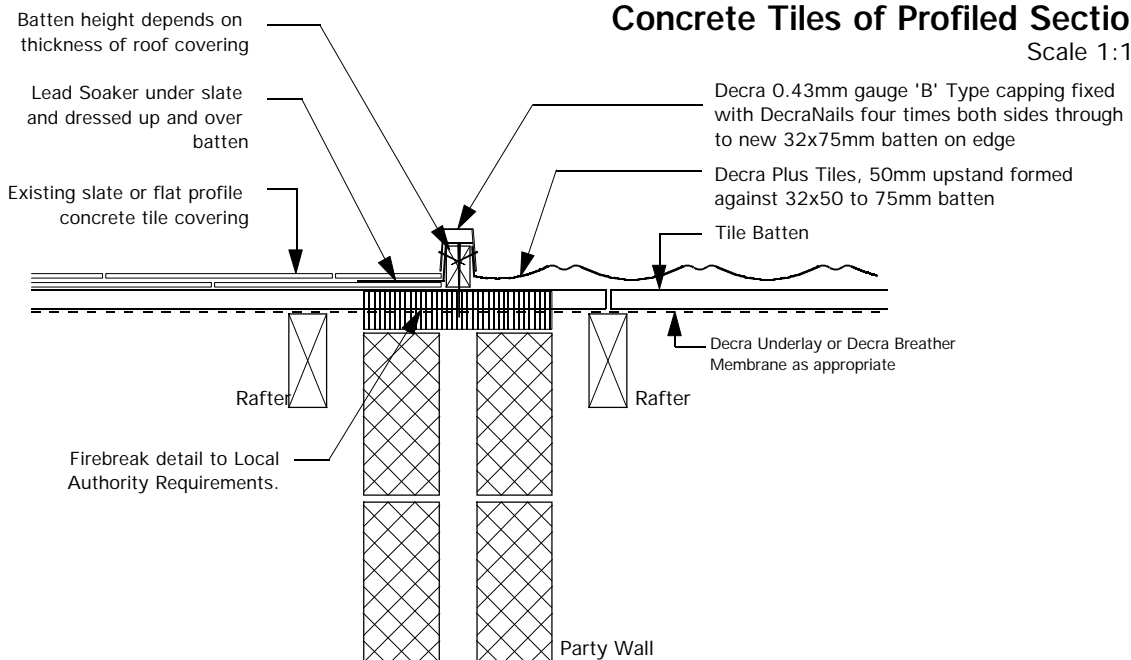
DATE **01/02/01**

DRAWING NO **DPSE072**

REVISION



**Detail of Decra abutting  
Concrete Tiles of Profiled Section**  
Scale 1:10



**Detail of Decra abutting  
Slate or flat profile Concrete Tile**  
Scale 1:10

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**DECRA PLUS**

CONTENT		<b>DECRA PLUS SLATE AND TILE ABUTMENT DETAILS</b>	
DRAWING SCALE	<b>1:10</b>	DATE	<b>01/02/01</b>
DRAWING NO	<b>DPSE073</b>	REVISION	

# VELUX - EDH FLASHING

**Note:**  
 50x25mm battens:  
 6mm ply layboards to be fitted to top edge and sides to secure Velux brackets at 20mm below top surface of tiling battens.

50x50 and 50x38mm Battens:  
 Tiling battens to be notched 20mm to secure Velux fixing brackets 20mm below top surface of tiling battens.

Tiling batten against top edge of EDH flashing  
 Sealing Strip supplied as part of EDH flashing  
 EDH Top Gutter Flashing

minimum and maximum dimensions from front face of velux rooflight and bottom face of tiling batten. Where dimensions exceeds 50mm, ply layboards or battens must be used below the bottom apron flashing for support.

Velux EDH Bottom Apron Flashing

Decra Plus Tiles

Tiling Battens, minimum thickness 25mm, size determined by rafter spacing, refer to technical information brochure.

Decra Underlay or Decra Breather Membrane as appropriate

Velux Rooflight

50 - 150mm

60 - 150

**50x25mm battens:**  
 220x6mm thick exterior grade ply layboard over rafter bridling, fitted with 20mm gap between ply and top edge of velux rooflight

**50x38mm battens:**  
 Ply thickness increases to 18mm,

**50x50mm battens:**  
 Ply thickness increases to 30mm - or use rows of 30mm thick battens for support beneath top edge gutter.

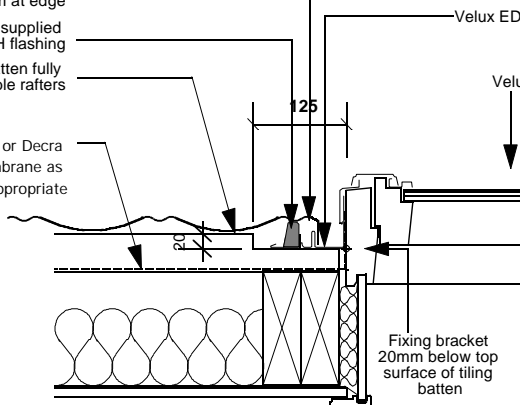
**Battens fixed through to rafters with galvanised wire nails, length and gauge is determined by size of tile battens and rafter spacings (see table in technical brochure).**

**Plus Tiles fixed with precoated Decra Plus Fixing Nails or Decra Plus Fixing Screws. Vertically fixed nail/screw heads to be covered with a finishing kit (supplied by Decra).**

## Typical Section Scale 1:10

Decra Plus Tiles turn down 20mm at edge  
 Sealing Strip supplied as part of EDH flashing  
 Notched tiling batten fully supported on double rafters

Decra Underlay or Decra Breather Membrane as appropriate



### Detail using 50x50mm Battens

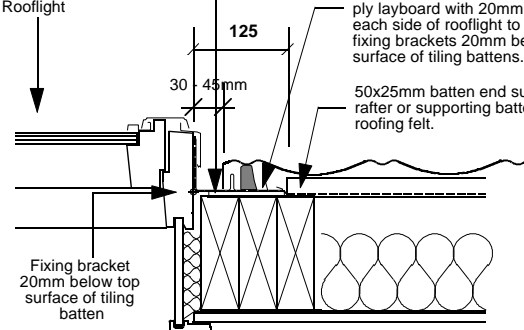
This detail same for 50x38mm battens, battens notched 20mm to secure fixing brackets 20mm below line of tiling battens

Velux EDH Side Flashing

Velux Rooflight

100mm x 6mm thick exterior grade ply layboard with 20mm clear to each side of rooflight to secure fixing brackets 20mm below top surface of tiling battens.

50x25mm batten end supported on full rafter or supporting batten below roofing felt.



### Detail using 50x25mm Battens

## Typical Cross-Sections 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 Plus 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 to be read in conjunction with Acrobat files for velux installation instructions in the information section on the Decra Technical Services CD

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## DECRA PLUS

CONTENT

DECRA PLUS

VELUX ROOFLIGHT EDH FLASHING

DRAWING SCALE

1:10

DATE

15/02/01

DRAWING NO

DPSE080

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