

**Manufacturers of light weight roofing systems**

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Uniclass
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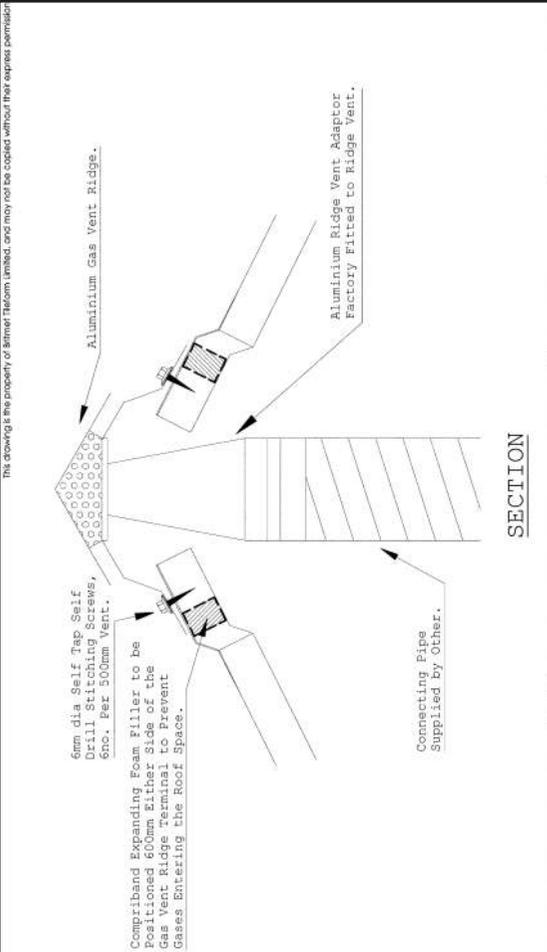
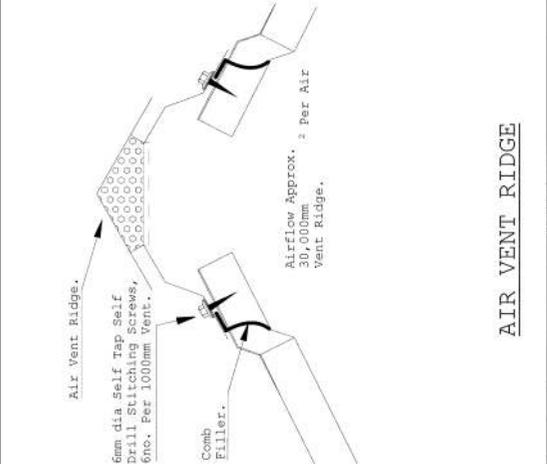
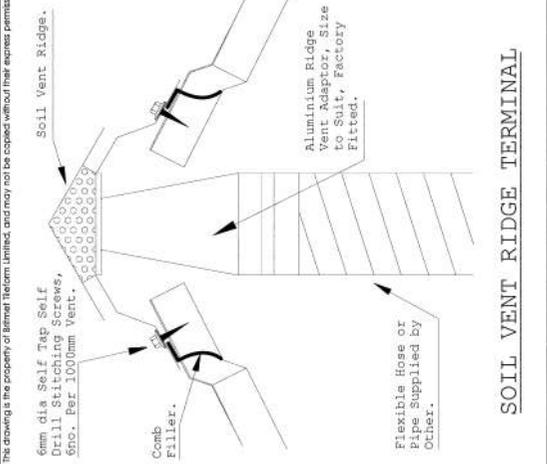
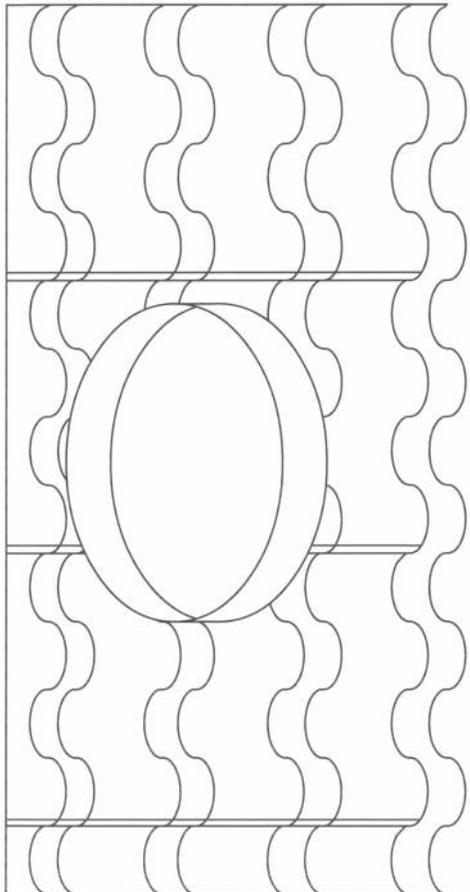
# **Technical Drawings & Installers Guides**

**For Panel and Eave to Ridge Tile Systems**

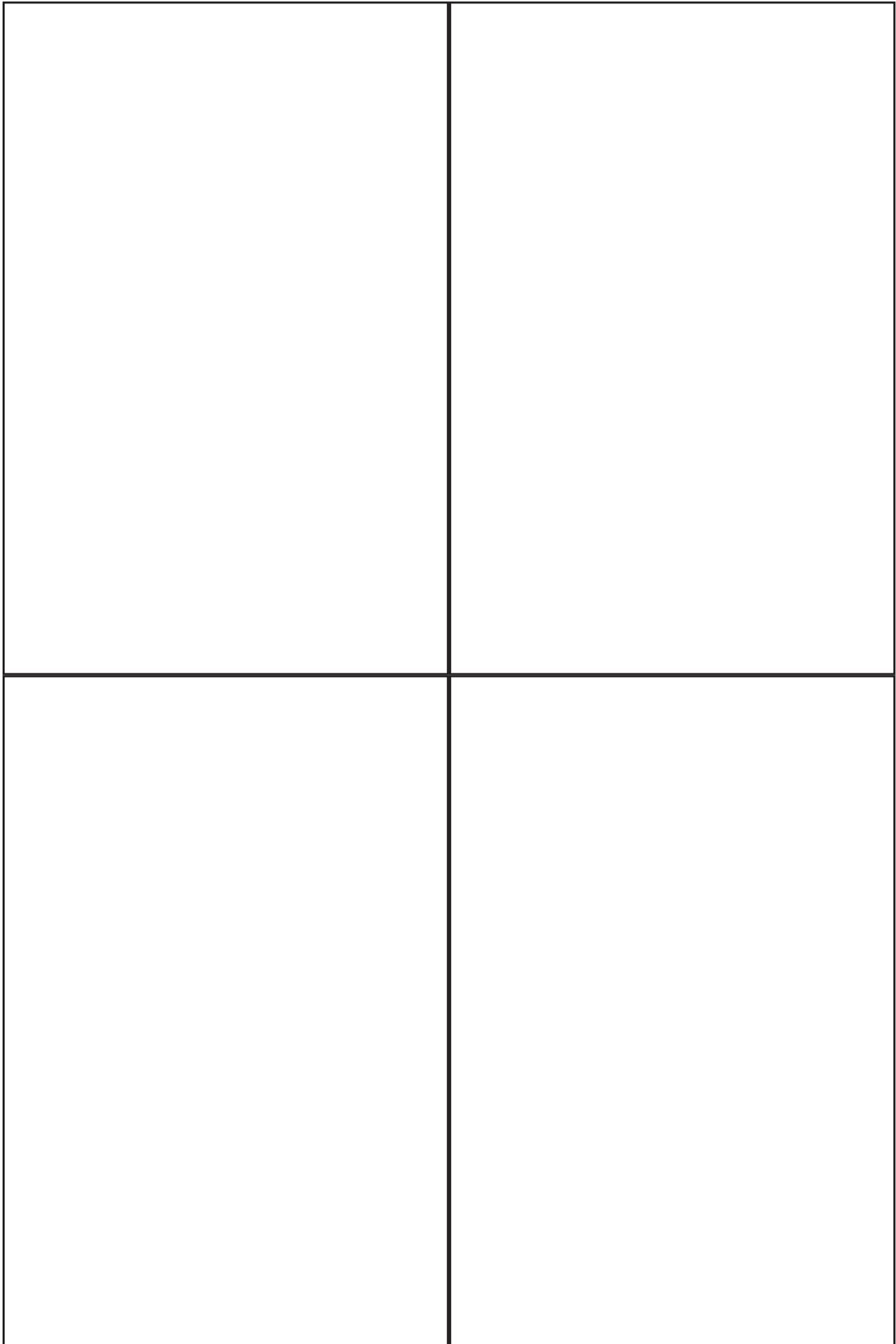
## **Lightweight Steel Roofing**

**BTL** BRITMET TILEFORM LIMITED

# LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

<p style="font-size: small;">This drawing is the property of Bimmet Tileform Limited, and may not be copied without their express permission.</p>  <p style="text-align: center;"><b>SECTION</b></p>	<p style="font-size: small;">This drawing is the property of Bimmet Tileform Limited, and may not be copied without their express permission.</p>  <p style="text-align: center;"><b>AIR VENT RIDGE</b></p>	<p style="font-size: small;">This drawing is the property of Bimmet Tileform Limited, and may not be copied without their express permission.</p>  <p style="text-align: center;"><b>SOIL VENT RIDGE TERMINAL</b></p>
<p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p>	<p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Terminal Detail. Sheet.</p>	<p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Terminal Detail. Sheet.</p>
<p><b>Title</b> Typical Aluminium Gas Vent Ridge Detail.</p>	<p><b>Title</b> Typical Air Vent Ridge and Soil Vent Ridge Terminal Detail.</p>	<p><b>Title</b> Typical Air Vent Ridge and Soil Vent Ridge Terminal Detail.</p>
<p><b>Drawn by</b> Second Base Limited</p>	<p><b>Drawn by</b> Second Base Limited</p>	<p><b>Drawn by</b> Second Base Limited</p>
<p><b>Date</b> Jan. 02</p>	<p><b>Date</b> Jan. 02</p>	<p><b>Date</b> Jan. 02</p>
<p><b>Scale</b> N.T.S.</p>	<p><b>Scale</b> N.T.S.</p>	<p><b>Scale</b> N.T.S.</p>
<p><b>Drawing No.</b> SK - 33</p>	<p><b>Drawing No.</b> SK - 34</p>	<p><b>Drawing No.</b> SK - 36</p>
		
<p><b>Product</b> Pantile 2000 Boldroll</p>	<p><b>Title</b> Sunpipe/Roof Light Penetration Size to Suit</p>	
<p><b>Drawn by</b> Britmet Tileform</p>	<p><b>Scale</b> N.T.S.</p>	
<p><b>Date</b> June 06</p>	<p><b>Drawing No.</b> SK - 36</p>	

**LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION**



# INSTALLERS GUIDE FOR PANELS

## REQUIREMENTS

**1**

**PANELS**

PROFILE 49  
VILLATILE

SLATE 2000  
ULTRALITE

PLAIN TILE

SOFT SOLED SAFETY SHOES

RULER

Pencil

TIN SNIPS

ROUND HEADED CLAW HAMMER

COLOUR NAILS

Bender

Guillotine

**PLEASE NOTE: A UNDERLAY MUST BE USED**

## ADDITIONAL ACCESSORIES AVAILABLE

**2**

VENTED TOP ROW

ANGLE RIDGE/HIP FLASHING

B - RIDGE FLASHING

MONO RIDGE FLASHING

BARGE BOARD FLASHING

EAVES APRON FLASHING

SIDE WALL FLASHING

GRP VALLEY FLASHING

COVER FLASHING

VENTED TILE / SLATE

RIDGE VENT

EAVES OVF25 VENT

RIDGE BARREL & END CAP

## FIXING THE FIRST BATTEN

**3**

\*TO SUIT THE ROOF PITCH AND THE TYPE OF GUTTER AND PRODUCT\*

\*MAX 328mm\*

ALLOW APPROX. 40mm INTO GUTTER

FIT FASCIA TO HEIGHT OF BATTENS, UNLESS EAVES VENTILATION IS BEING FITTED

NOTE: FOR VENTILATED EAVES, SEE PAGE 9

## FIXING BATTENS FROM THE BOTTOM OF RAFTER, UP

**4**

BATTEN GAUGE: 0.45MM THICKNESS OR 0.9MM THICKNESS

SLATE 2000:	369mm	OR	367mm
PROFILE 49:	365mm		363mm
ULTRALITE:	365mm		363mm
PLAIN TILE:	160mm		158mm
VILLATILE:	370mm		368mm

LOWER FACE TO LOWER FACE

Measurement

# INSTALLERS GUIDE FOR PANELS

**NAIL TIMBER BARGE  
BATTEN TO THE TOP OF  
THE HORIZONTAL  
BATTEN**

5

BARGE  
BATTEN  
SIZE 25mm - 38mm



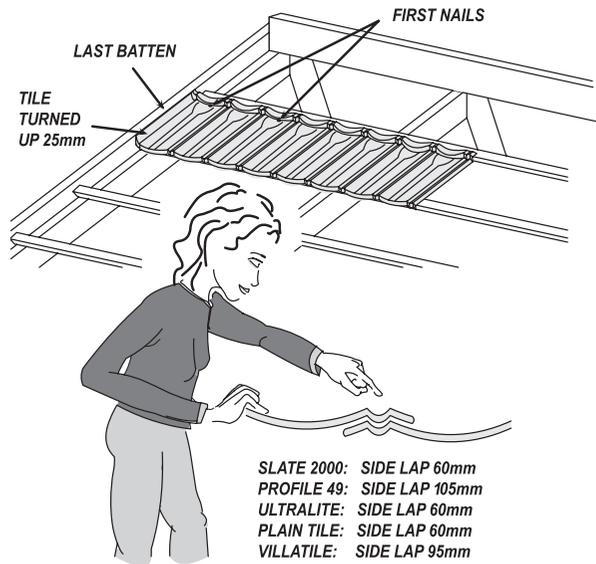
**LAY THE PANELS  
STARTING FROM THE  
FIRST BATTEN BELOW  
THE RIDGE**

6

FOR BEST APPEARANCE, LAY LAPS AWAY FROM  
PRINCIPAL LINE OF SIGHT

TILES CAN BE LAID FROM LEFT TO RIGHT OR  
RIGHT TO LEFT

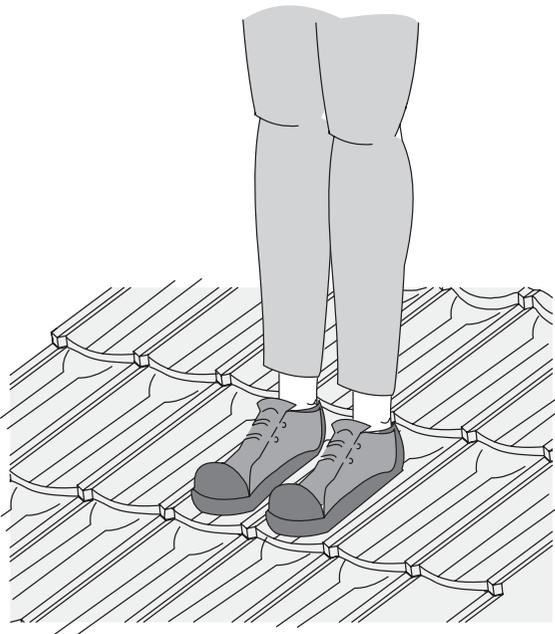
SLATE 2000: PANELS MUST BE LAID FROM RIGHT TO LEFT



SLATE 2000: SIDE LAP 60mm  
PROFILE 49: SIDE LAP 105mm  
ULTRALITE: SIDE LAP 60mm  
PLAIN TILE: SIDE LAP 60mm  
VILLATILE: SIDE LAP 95mm

**WHEN WALKING ON THE  
ROOF, PLACE FEET IN  
THE PANS OF THE  
PANELS WHERE THE  
BATTENS ARE SITUATED.**

7



**ONCE YOU HAVE LAID  
SEVERAL COURSES**

8

(LAYING THEM ONE UNDER THE OTHER...)

START NAILING THEM INTO PLACE - 4 PER TILE



NAIL PANELS THROUGH NOSE  
REMEMBER: LEAVE BOTTOM COURSE LOOSE  
UNTIL MORE PANELS HAVE BEEN LAID  
Note: For 0.9mm Panels Tek Screws Can Be Used

# LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

<p style="font-size: small;">This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p style="text-align: center;"><b>TYPICAL MONO RIDGE DETAIL</b></p>	<p style="font-size: small;">This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p style="text-align: center;"><b>TYPICAL VERGE DETAIL</b></p>
<p style="font-size: small;">This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p style="text-align: center;"><b>ELEVATION</b></p> <p style="text-align: center;"><b>SECTION</b></p>	<p style="font-size: small;">This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p><b>NOTES</b> Lead Flashing can be Covered by Britmet Tileform Flashings if Required.</p>
<p><b>Product</b> Pantile 2000 / Boldroll, Ridge to Eaves Tile-Effect Sheet.</p>	<p><b>Product</b> Pantile 2000 / Boldroll, Ridge to Eaves Tile-Effect Sheet.</p>
<p><b>Title</b> Typical Mono Ridge Detail, Steel Substructure, Insulation and Liner Tray.</p>	<p><b>Title</b> Typical Verge Detail, Steel Substructure, Insulation and Liner Tray.</p>
<p><b>Drawn by</b> Second Base Limited</p>	<p><b>Drawn by</b> Second Base Limited</p>
<p><b>Date</b> Jan 02</p>	<p><b>Date</b> Jan 02</p>
<p><b>Scale</b> N.T.S.</p>	<p><b>Scale</b> N.T.S.</p>
<p><b>Drawing No.</b> SK - 26</p>	<p><b>Drawing No.</b> SK - 25</p>
<p><b>Product</b> Pantile 2000 / Boldroll, Ridge to Eaves Tile-Effect Sheet.</p>	<p><b>Product</b> Pantile 2000 / Boldroll, Ridge to Eaves Tile-Effect Sheet.</p>
<p><b>Title</b> Typical Mono Ridge Detail, Steel Substructure, Insulation and Liner Tray.</p>	<p><b>Title</b> Typical Verge Detail, Steel Substructure, Insulation and Liner Tray.</p>
<p><b>Drawn by</b> Second Base Limited</p>	<p><b>Drawn by</b> Second Base Limited</p>
<p><b>Date</b> Jan 02</p>	<p><b>Date</b> Jan 02</p>
<p><b>Scale</b> N.T.S.</p>	<p><b>Scale</b> N.T.S.</p>
<p><b>Drawing No.</b> SK - 26</p>	<p><b>Drawing No.</b> SK - 25</p>

# LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Eaves Detail. Steel Substructure, Insulation and Liner Tray.</p> <p><b>Drawn by</b> Second Base Limited</p> <p><b>Date</b> Jan 02</p> <p><b>Drawing No.</b> SK - 21</p> <p><b>Scale</b> N.T.S.</p> <p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>	<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Ridge Detail. Steel Substructure, Insulation and Liner Tray.</p> <p><b>Drawn by</b> Second Base Limited</p> <p><b>Date</b> Jan 02</p> <p><b>Drawing No.</b> SK - 22</p> <p><b>Scale</b> N.T.S.</p> <p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>
<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Hip Detail. Steel Substructure, Insulation and Liner Tray. Cut Away Detail.</p> <p><b>Drawn by</b> Second Base Limited</p> <p><b>Date</b> Jan 02</p> <p><b>Drawing No.</b> SK - 23</p> <p><b>Scale</b> N.T.S.</p> <p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>	<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Valley Detail. Steel Substructure, Insulation and Liner Tray. Cut Away Detail.</p> <p><b>Drawn by</b> Second Base Limited</p> <p><b>Date</b> Jan 02</p> <p><b>Drawing No.</b> SK - 24</p> <p><b>Scale</b> N.T.S.</p> <p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>

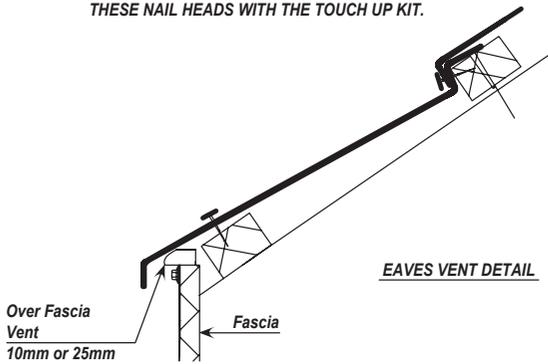
**NAIL THE EAVES COURSE THROUGH HIGH POINT OF PAN - 4 PER TILE**

9

EITHER INTO THE TOP OF THE EAVES BATTEN OR FASCIA BOARD



AFTER COMPLETION OF THE ROOF, COVER THESE NAIL HEADS WITH THE TOUCH UP KIT.



**EAVES VENT DETAIL**

Over Fascia Vent  
10mm or 25mm

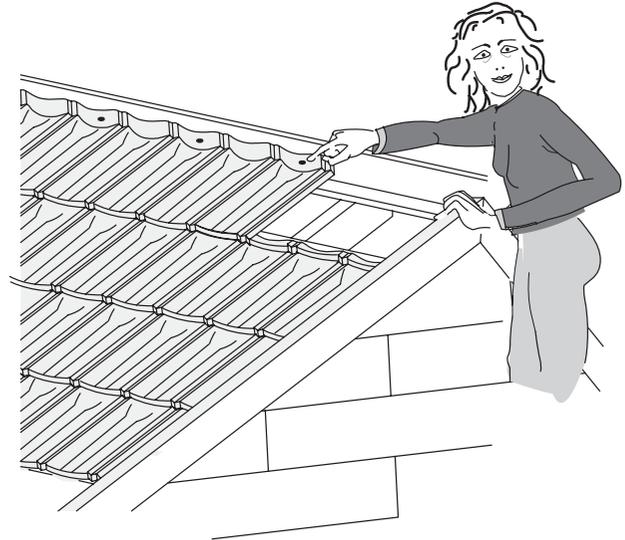
Fascia

ENSURE VENT IS AT THE SAME HEIGHT AS THE BATTEN  
(i.e. adjust height of fascia accordingly)

**RIDGE COURSE - B - RIDGE**

10

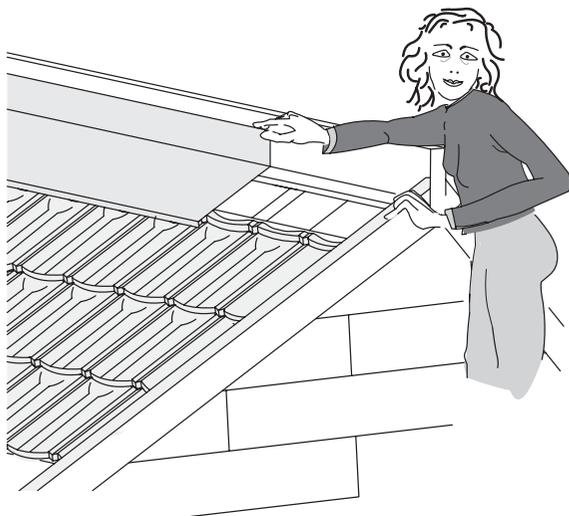
IF LESS THAN A FULL PANEL IS REQUIRED, MEASURE AND BEND IT TO SUIT. ALLOW 25mm - 38mm TURN UP AND NAIL TO RIDGE BOARD.



**IF THE DISTANCE IS LESS THAN 120mm**

11

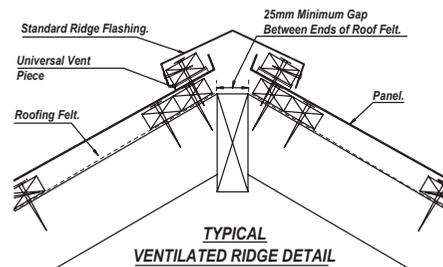
YOU CAN USE A COVER FLASHING, ALLOWING A 25mm - 38mm MIN UP-TURN AGAINST THE RIDGE BOARD



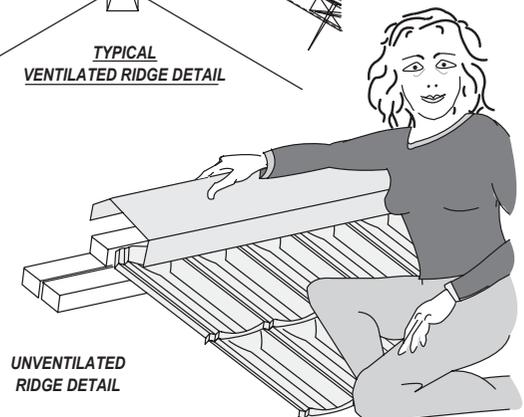
**RIDGE COURSE - ANGLE RIDGE**

12

FIX TWO TILE/SLATE BATTENS ON EITHER SIDE OF THE RIDGE. ADD AN ADDITIONAL TO THE REAR OF THE TWO TILE/SLATE BATTENS (50 X 25mm BATTEN TO SUIT THE ANGLE RIDGE). LAY TOP COURSE OF PANELS WITH BACK TURNED UP 25mm - 38mm



**TYPICAL VENTILATED RIDGE DETAIL**



**UNVENTILATED RIDGE DETAIL**

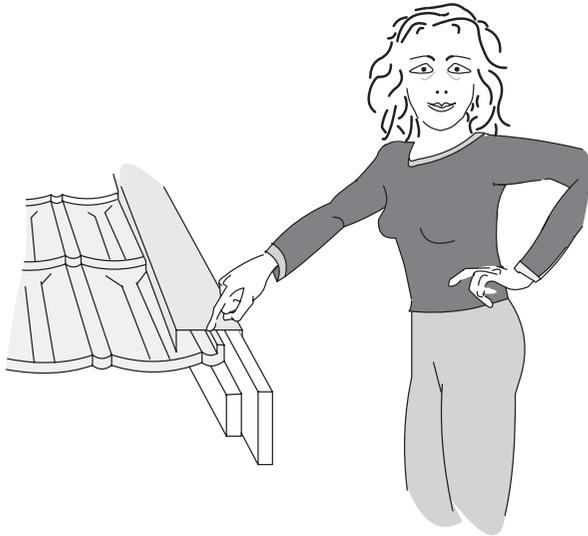
## INSTALLERS GUIDE FOR PANELS

### FIT THE BARGE BOARD COVER OVER THE BARGE

13

THE BARGE BOARDS ARE SCRIBED FOR LEFT & RIGHT HANDED USE.

THE END OF THE PANEL IS TURNED 25mm - 38mm UP AGAINST THE BARGE - 4 NAILS PER FLASHING



### LEAD FLASHINGS

14

TURN THE PANEL UP 75mm AND COVER WITH A TRADITIONAL FLASHING. THE BACK OF THE CHIMNEY TO BE FLASHED AS PER TRADITIONAL METHOD.

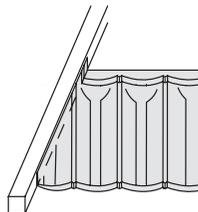


### ANGLE HIP DETAIL

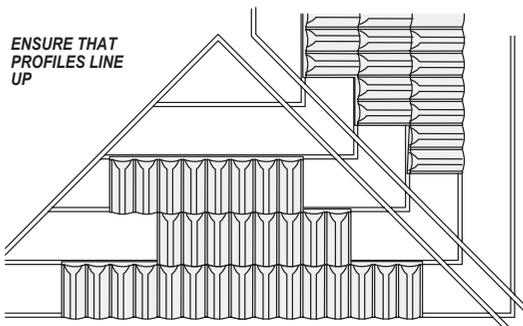
15

PLACE THE FIRST FULL PANEL BETWEEN 50mm AND 225mm FROM HIP BATTEN, LAYING SUBSEQUENT COURSES TO FOLLOW THE HIP LINE

TURN END OF THE PANEL UP AGAINST FRONT OF HIP BATTEN



ENSURE THAT PROFILES LINE UP



### ANGLE HIP DETAIL

16

BEND UP PANEL EDGE 25mm - 38mm TO HIP BATTEN AND FIX THE HIP RIDGE IN THE SAME WAY AS THE ANGLE RIDGE



# LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

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**TYPICAL VERGE DETAIL**

Britmet Tileform Standard Barge Flashing.

6mm dia. Self Drill Self Tap Screws. Spacing 400mm Max. Minimum Per 2m Flashing.

Timber to Support Barge and Cover Flashing.

Britmet Tileform Verge Fascia/Soffit Flashing.

Steel Soffit Support Angle by Britmet Tileform.

Britmet Tileform Ridge to Eaves Lightweight Metal Roof Sheets.

Line of Building.

<b>Product</b>	<b>Title</b>	<b>Drawn by</b>	<b>Date</b>
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Verge Detail. Timber Substructure.	Second Base Limited	Jan 02
		Scale	Drawing No.
		N.T.S.	SK - 17

**TYPICAL HIP DETAIL**

Britmet Tileform Ridge to Eaves Lightweight Metal Roof Sheets.

Britmet Tileform Standard Hip Flashing.

Black Plastic Comb Filler.

Timber Noggins Between the Timber Purlins and at the Same Level to Support the Edge of the Sheets.

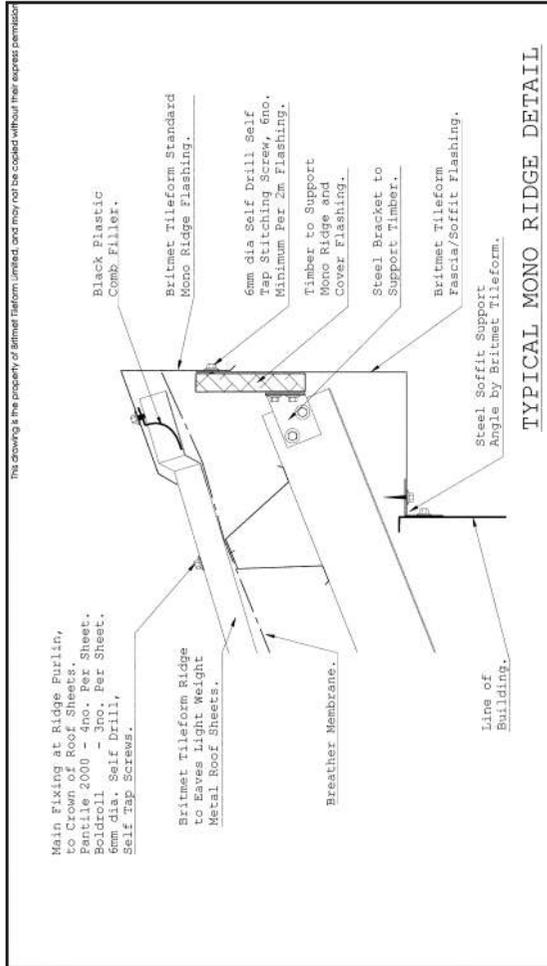
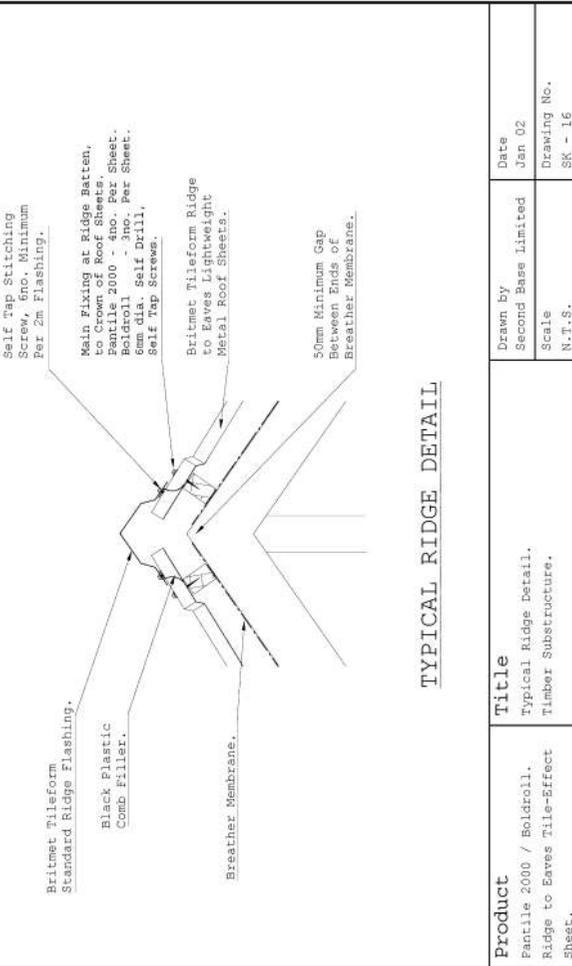
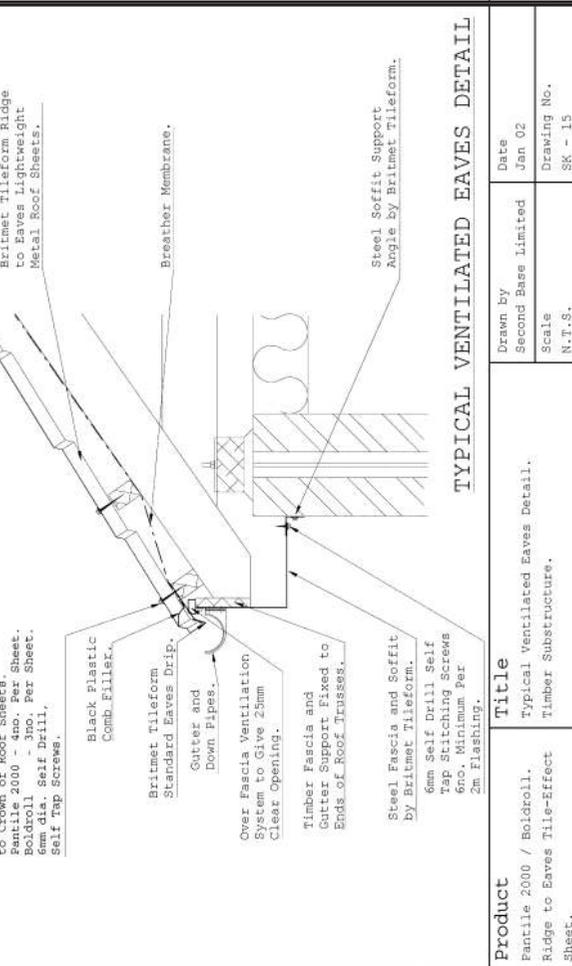
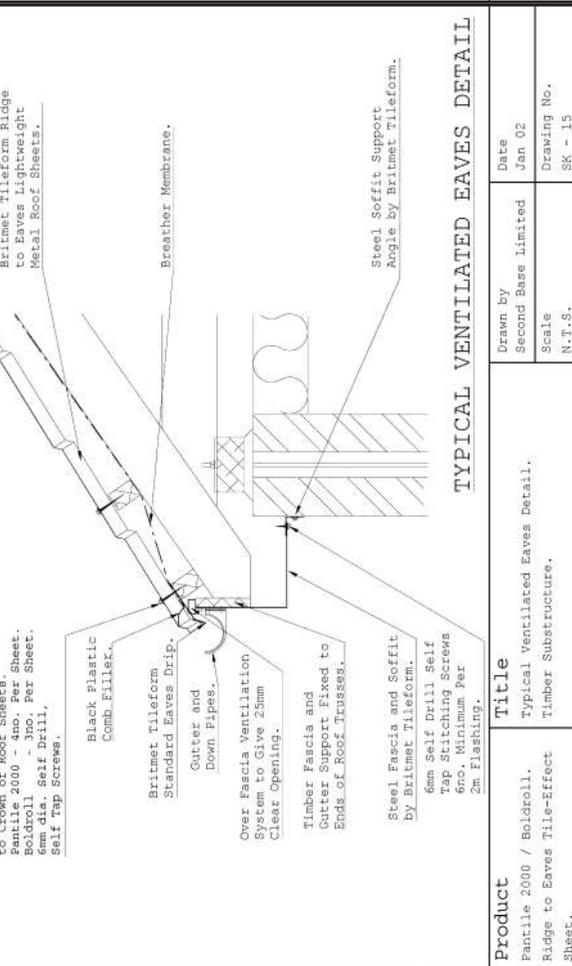
Timber Purlin.

HIP Truss.

Breather Membrane to Have a Minimum of 1000mm Lap Over the Hip Truss.

<b>Product</b>	<b>Title</b>	<b>Drawn by</b>	<b>Date</b>
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Hip Detail. Timber Substructure. Cut Away Detail.	Second Base Limited	Jan 02
		Scale	Drawing No.
		N.T.S.	SK - 18

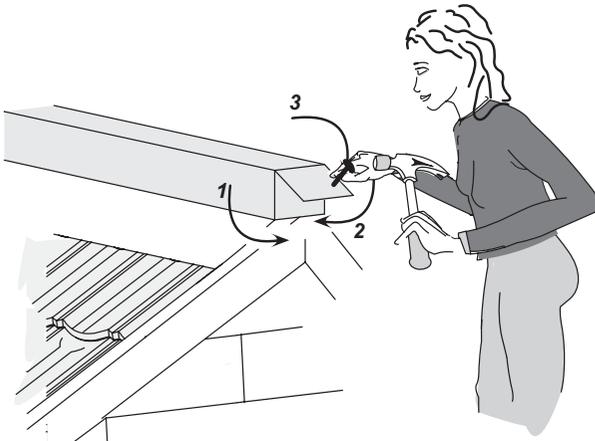
# LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>  <p>Main Fixing at Ridge Purlin, to Crown of Roof Sheets. Pantile 2000 - 4no. Per Sheet. Boldroll - 3no. Per Sheet. 6mm dia. Self Drill, Self Tap Screws.</p> <p>Britmet Tileform Ridge to Eaves Lightweight Metal Roof Sheets.</p> <p>Breather Membrane.</p> <p>Line of Building.</p> <p>Steel Soffit Support Angle by Britmet Tileform.</p> <p>Britmet Tileform Standard Mono Ridge Flashing.</p> <p>6mm dia Self Drill Self Tap Stitching Screw, 6no. Minimum Per 2m Flashing.</p> <p>Timber to Support Mono Ridge and Cover Flashing.</p> <p>Steel Bracket to Support Timber.</p> <p>Britmet Tileform Fascia/Soffit Flashing.</p> <p>Black Plastic Comb Filler.</p>	<p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Mono Ridge Detail. Steel Substructure.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Mono Ridge Detail. Steel Substructure.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Mono Ridge Detail. Steel Substructure.</p>	<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>  <p>Britmet Tileform Standard Ridge Flashing.</p> <p>Black Plastic Comb Filler.</p> <p>Breather Membrane.</p> <p>6mm dia. Self Drill Self Tap Stitching Screw, 6no. Minimum Per 2m Flashing.</p> <p>Main Fixing at Ridge Batten, to Crown of Roof Sheets. Pantile 2000 - 4no. Per Sheet. Boldroll - 3no. Per Sheet. 6mm dia. Self Drill, Self Tap Screws.</p> <p>Britmet Tileform Ridge to Eaves Lightweight Metal Roof Sheets.</p> <p>50mm Minimum Gap Between Ends of Breather Membrane.</p>	<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>  <p>Britmet Tileform Ridge to Eaves Lightweight Metal Roof Sheets.</p> <p>Breather Membrane.</p> <p>Steel Purlin.</p> <p>Valley Truss.</p> <p>Britmet Tileform Standard Valley Flashing.</p> <p>50mm x 50mm x 2mm thk. Galvanised Mild Steel Angle Fixed to Purlin to Support Valley Flashing.</p> <p>Black Plastic Comb Filler.</p> <p>Breather Membrane to Oversail Edge of Valley Flashing.</p>	<p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Valley Detail. Steel Substructure. Cut Away Detail.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Valley Detail. Steel Substructure. Cut Away Detail.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Valley Detail. Steel Substructure. Cut Away Detail.</p>	<p>This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.</p>  <p>Main Fixing at Eaves Batten, to Crown of Roof Sheet. Pantile 2000 - 4no. Per Sheet. Boldroll - 3no. Per Sheet. 6mm dia. Self Drill, Self Tap Screws.</p> <p>Black Plastic Comb Filler.</p> <p>Britmet Tileform Standard Eaves Drip.</p> <p>Gutter and Down Pipes.</p> <p>Over Fascia Ventilation System to Give 25mm Clear Opening.</p> <p>Timber Fascia and Gutter Support Fixed to Ends of Roof Trusses.</p> <p>Steel Fascia and Soffit By Britmet Tileform.</p> <p>6mm Self Drill Self Tap Stitching Screws 6no. Minimum Per 2m Flashing.</p>	<p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Ventilated Eaves Detail. Timber Substructure.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Ventilated Eaves Detail. Timber Substructure.</p> <p><b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</p> <p><b>Title</b> Typical Ventilated Eaves Detail. Timber Substructure.</p>
<p><b>TYPICAL VALLEY DETAIL</b></p>		<p><b>TYPICAL RIDGE DETAIL</b></p>				
<p><b>TYPICAL VALLEY DETAIL</b></p>		<p><b>TYPICAL RIDGE DETAIL</b></p>				

**B-RIDGE END CAPS**

17

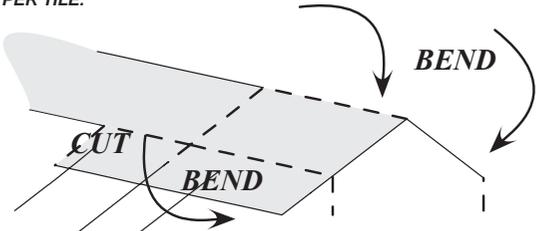
NAIL THROUGH SIDES OF RIDGE AND ALLOW AN OVER HANG. CUT AND FOLD (AS SHOWN) AND NAIL THROUGH THE END



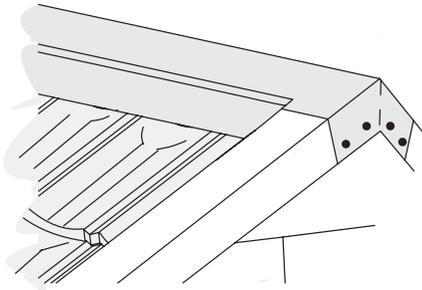
**FINISHING ANGLE RIDGE ENDS**

18

THE ANGLE RIDGE END CAPS ARE NAILED THROUGH THE DOWN-TURN, INTO THE BATTEN - 4 PER TILE.



AT THE ENDS, CUT TO ALLOW SUFFICIENT DOWN TURN TO COVER THE BARGE AND FOLD AS SHOWN.

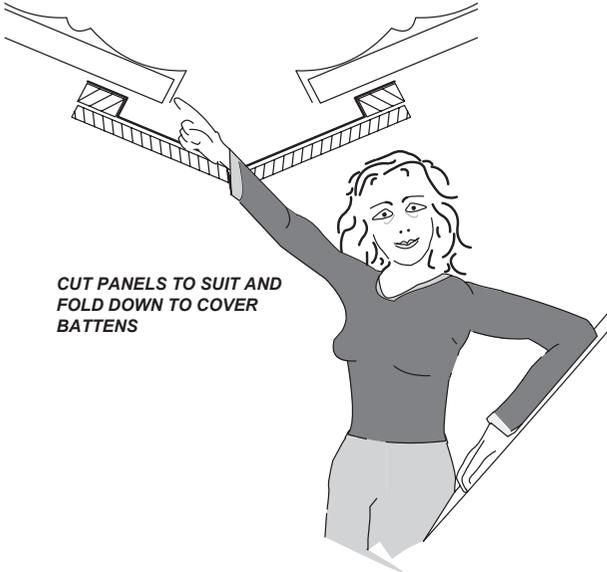


**VALLEYS**

19

VALLEY BOARDS TO BE LAID AT RAFTER LEVEL

CUT BATTENS TO RAKE, PROJECTING OVER VALLEY TO 65mm SHORT OF CENTRE LINE



CUT PANELS TO SUIT AND FOLD DOWN TO COVER BATTENS

# INDEX TO TECHNICAL DRAWINGS

## TILE PANEL

PAGE	DRAWING NUMBER	DESCRIPTION
6	SK-40	Dimensional Information. (Slate 2000, Ultratile, Profile 49, Plain Tile, Villatile)
6	SK-41	Typical Fixing Detail.
7	SK-42	Batten Spacing.
7	SK-43	Standard Flashings. Angle Ridge/Hip, Barge Board, Cover and Eaves Apron.
7	SK-44	Standard Flashings. Apron, Upstand and Valley.
7	SK-45	Typical Ventilated Ridge Detail.
8	SK-46	Typical Ventilated Mono Ridge Detail.
8	SK-47	Typical Ventilated Eaves Detail.
8	SK-48	Typical Barge Detail.
8	SK-49	Typical Hip Detail.
9	SK-50	Typical GRP Valley Detail.
9	SK-51	Sunpipe/Roof Penetration Detail
9	SK-52	Typical Ventilated Ridge Detail.

	<p><b>Title</b> Dimensional Information. Horizontal Panel.</p>	<p><b>Drawn by</b> Second Base Limited</p>	<p><b>Date</b> Jan 00</p>
<p>The drawing is the property of Alimat (Pty) Ltd and may not be copied without their express permission.</p>	<p><b>Product</b> Plain Tile Ultratile Slate 2000 Profile 49</p>	<p><b>Scale</b> N.T.S.</p>	<p><b>Drawing No.</b> SK - 40</p>
	<p><b>Title</b> Typical Fixing Detail All Panels to be laid broken bonded</p>	<p><b>Drawn by</b> Second Base Limited</p>	<p><b>Date</b> Jan 00</p>
<p>The drawing is the property of Alimat (Pty) Ltd and may not be copied without their express permission.</p>	<p><b>Product</b> Plain Tile Ultratile Slate 2000. Profile 49</p>	<p><b>Scale</b> N.T.S.</p>	<p><b>Drawing No.</b> SK - 41</p>

# LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

### TYPICAL VENTILATED EAVES DETAIL

This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.

Main Fixing at Eaves Purlin, to Crown of Roof Sheets. Pantile 2000 - 4no. Per Sheet. 6mm dia. Self Drill, Self Tap Screws.

Black Plastic Comb Filler.

Britmet Tileform Standard Eaves Drip.

Gutter and Down Pipes.

Britmet Tileform Over Fascia Ventilation System to Give 25mm or 10mm Clear Opening.

Timber Fascia and Gutter Support.

Eaves Fascia/Soffit by Britmet Tileform. 6mm dia Self Drill Self Tap Stitching Screw, 4no. Per 2m Flashing.

Britmet Tileform Ridge to Eaves Lightweight Metal Roof Sheets.

Breather Membrane.

Steel Bracket to support Timber.

Soffit Support Angle by Britmet Tileform.

<b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	<b>Title</b> Typical Ventilated Eaves Detail. Steel Substructure.	<b>Drawn by</b> Second Base Limited Scale N.T.S.	<b>Date</b> Jan 02 Drawing No. SK - 09
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### TYPICAL RIDGE DETAIL

This drawing is the property of Britmet Tileform Limited, and may not be copied without their express permission.

6mm dia. Self Drill Self Tap Stitching Screw, 6 no. minimum Per 2m Flashing.

Britmet Tileform Standard Ridge Flashing.

Black plastic Comb filler.

Main Fixing at Ridge Purlin, Pantile 2000 - 4no. Per Sheet. Boldroll 2000 - 3no. Per Sheet. 6mm dia. Self Drill, Self Tap Screws.

Breather Membrane.

Britmet Tileform Ridge to Eaves Lightweight Metal Roof Sheets.

50mm Minimum Gap Between Ends of Breather Membrane.

<b>Product</b> Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	<b>Title</b> Typical Ridge Detail. Steel Substructure.	<b>Drawn by</b> Second Base Limited Scale N.T.S.	<b>Date</b> Jan 02 Drawing No. SK - 10
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# LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

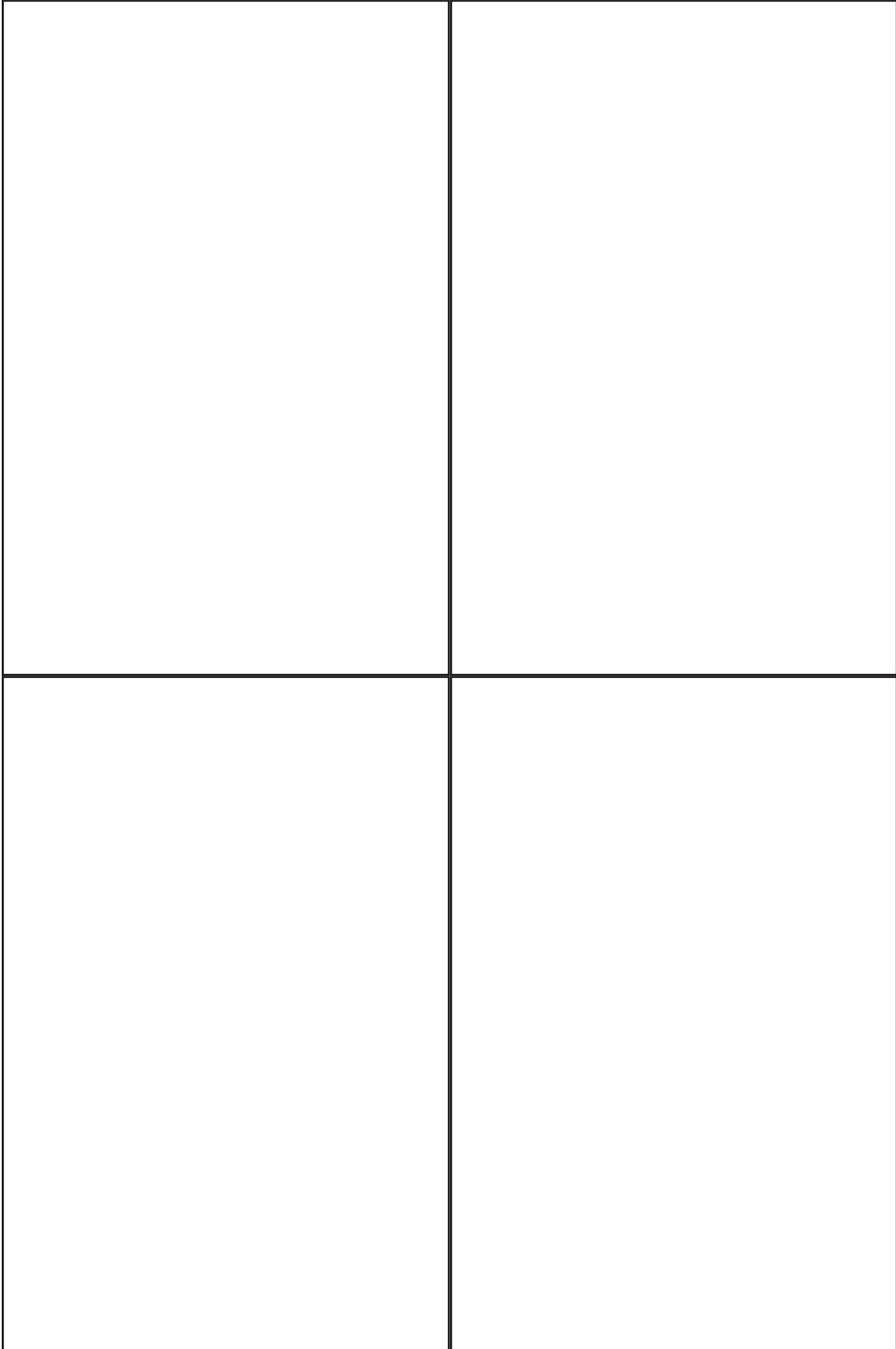
	<p style="font-size: small;">This drawing is the property of Simmet Interform Limited, and may not be copied without their express permission.</p>																
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>STAGE 1</b></p> <p style="font-size: x-small;">N.B. Numbers Denote Order of Laying.</p> </div> <div style="text-align: center;"> <p><b>STAGE 2</b></p> </div> <div style="text-align: center;"> <p><b>STAGE 3</b></p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p><b>STAGE 4</b></p> </div> <div style="text-align: center;"> <p><b>COMPLETED ROOF</b></p> </div> <div style="text-align: center;"> <p><b>DETAIL 1</b></p> <p style="font-size: x-small;">Sheet Trimmed to Suit.</p> </div> </div>																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><b>Product</b></td> <td style="width: 40%;">Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.</td> <td style="width: 10%;"><b>Title</b></td> <td style="width: 15%;">Sheet Mitre Detail at Head Lap.</td> <td style="width: 10%;"><b>Drawn by</b></td> <td style="width: 10%;">Second Base Limited</td> <td style="width: 10%;"><b>Date</b></td> <td style="width: 10%;">Jan 02</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td><b>Scale</b></td> <td>N.T.S.</td> <td><b>Drawing No.</b></td> <td>SK - 08</td> </tr> </table>	<b>Product</b>	Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	<b>Title</b>	Sheet Mitre Detail at Head Lap.	<b>Drawn by</b>	Second Base Limited	<b>Date</b>	Jan 02					<b>Scale</b>	N.T.S.	<b>Drawing No.</b>	SK - 08
<b>Product</b>	Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	<b>Title</b>	Sheet Mitre Detail at Head Lap.	<b>Drawn by</b>	Second Base Limited	<b>Date</b>	Jan 02										
				<b>Scale</b>	N.T.S.	<b>Drawing No.</b>	SK - 08										



# LIGHTWEIGHT TILE PANEL TECHNICAL INFORMATION

<p><b>TYPICAL VENTILATED EAVES DETAIL</b></p> <p><b>VENTILATED MONO RIDGE DETAIL</b></p>	<p><b>Product</b> Ultratile Slate 2000 Profile 49</p> <p><b>Title</b> Plain Tile Villatile</p> <p><b>Date</b> Jan 02</p> <p><b>Drawn by</b> Second Base Limited Scale N.T.S.</p>	<p><b>Product</b> Ultratile Slate 2000 Profile 49</p> <p><b>Title</b> Plain Tile Villatile</p> <p><b>Date</b> Jan 02</p> <p><b>Drawn by</b> Second Base Limited Scale N.T.S.</p>
<p><b>TYPICAL VENTILATED EAVES DETAIL</b></p> <p><b>VENTILATED MONO RIDGE DETAIL</b></p>	<p><b>Product</b> Ultratile Slate 2000 Profile 49</p> <p><b>Title</b> Plain Tile Villatile</p> <p><b>Date</b> Jan 02</p> <p><b>Drawn by</b> Second Base Limited Scale N.T.S.</p>	<p><b>Product</b> Ultratile Slate 2000 Profile 49</p> <p><b>Title</b> Plain Tile Villatile</p> <p><b>Date</b> Jan 02</p> <p><b>Drawn by</b> Second Base Limited Scale N.T.S.</p>

**LIGHTWEIGHT EAVE TO RIDGE TILE SHEET**  
TECHNICAL INFORMATION

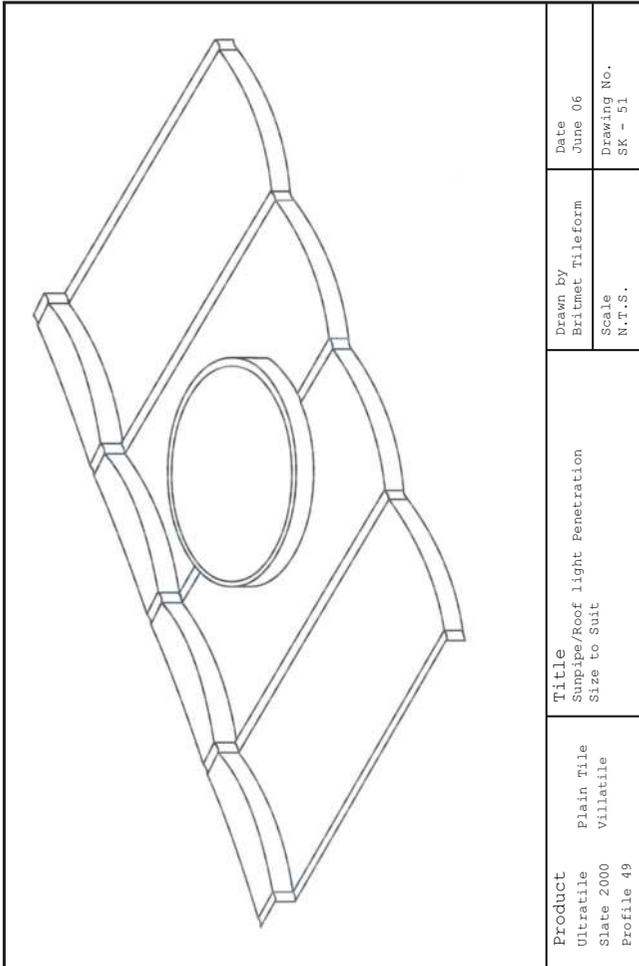


# INDEX TO TECHNICAL DRAWINGS

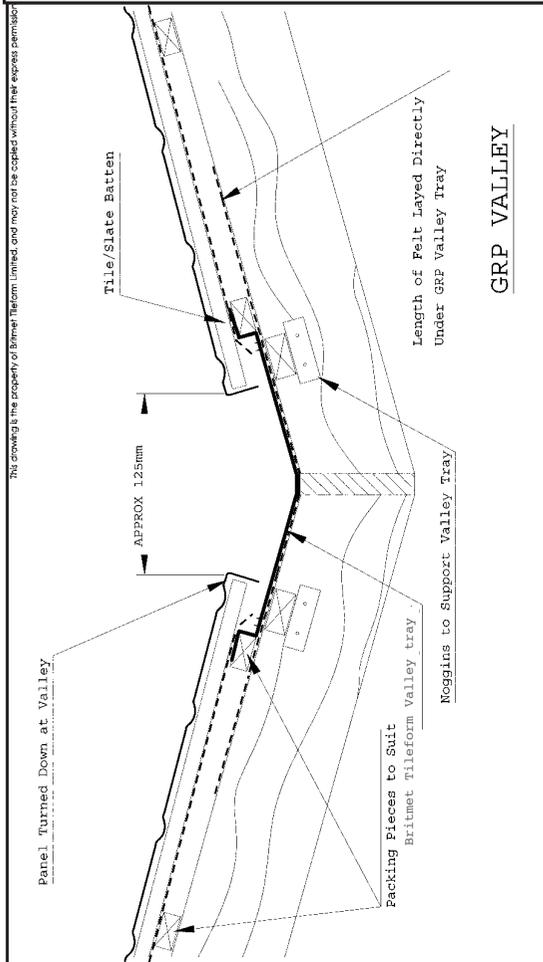
## EAVE TO RIDGE TILE SHEET

PAGE	DRAWING NUMBER	DESCRIPTION
13	SK-01	Dimensional Information. ( <b>Boldroll</b> )
13	SK-02	Lapping Details. Side/Head Lap. ( <b>Boldroll</b> )
13	SK-03	Dimensional Information. ( <b>Pantile 2000</b> )
13	SK-04	Standard Flashings. Ridge/Hip, Verge/Barge, Eaves Drip and Apron.
14	SK-05	Standard Flashings. Upstand, Mono Ridge, Eaves Fascia/Soffit and Verge Fascia/Soffit.
14	SK-06	Standard Flashings. Junction, Valley and Vent Ridge.
14	SK-07	Lapping Details. Side/Head Lap. ( <b>Pantile 2000</b> )
14	SK-08	Sheet Mitre Detail at Head Lap.
15	SK-09	Typical Ventilated Eaves Detail. Steel Substructure.
15	SK-10	Typical Ridge Detail. Steel Substructure.
15	SK-11	Typical Verge Detail. Steel Substructure.
15	SK-12	Typical Hip Detail. Steel Substructure. Cut Away Detail.
16	SK-13	Typical Valley Detail. Steel Substructure. Cut Away Detail.
16	SK-14	Typical Mono Ridge Detail. Steel Substructure.
16	SK-15	Typical Ventilated Eaves Detail. Timber Substructure.
16	SK-16	Typical Ridge Detail. Timber Substructure.
17	SK-17	Typical Verge Detail. Timber Substructure.
17	SK-18	Typical Hip Detail. Timber Substructure. Cut Away Detail.
17	SK-19	Typical Valley Detail. Timber Substructure. Cut Away Detail.
17	SK-20	Typical Mono Ridge Detail. Timber Substructure.
18	SK-21	Typical Eaves Detail. Steel Substructure. Insulation and Liner Tray.
18	SK-22	Typical Ridge Detail. Steel Substructure. Insulation and Liner Tray.
18	SK-23	Typical Hip Detail. Steel Substructure. Insulation and Liner Tray. Cut Away Detail.
18	SK-24	Typical Valley Detail. Steel Substructure. Insulation and Liner Tray. Cut Away Detail.
19	SK-25	Typical Verge Detail. Steel Substructure. Insulation and Liner Tray.
19	SK-26	Typical Mono Ridge Detail. Steel Substructure. Insulation and Liner Tray.
19	SK-27	Typical Lead Flashing Detail to Chimney. Chimney at Ridge.
19	SK-28	Typical Lead Flashing Detail to Chimney. Chimney within Roof Slope.
20	SK-29	Typical Apron Flashing Detail.
20	SK-30	Typical Upstand Flashing Detail.
20	SK-31	Typical Detail at Change in Slope.
20	SK-32	Typical Detail at Translucent Sheet. Plan and Section.
21	SK-33	Typical Aluminium Gas Vent Ridge Detail.
21	SK-34	Typical Air Vent Ridge and Soil Vent Ridge Detail.
21	SK-35	Typical Detail at a Box Gutter.
21	SK-36	Sunpipe/Roof Light Penetration Detail.

# LIGHTWEIGHT TILE PANEL TECHNICAL INFORMATION

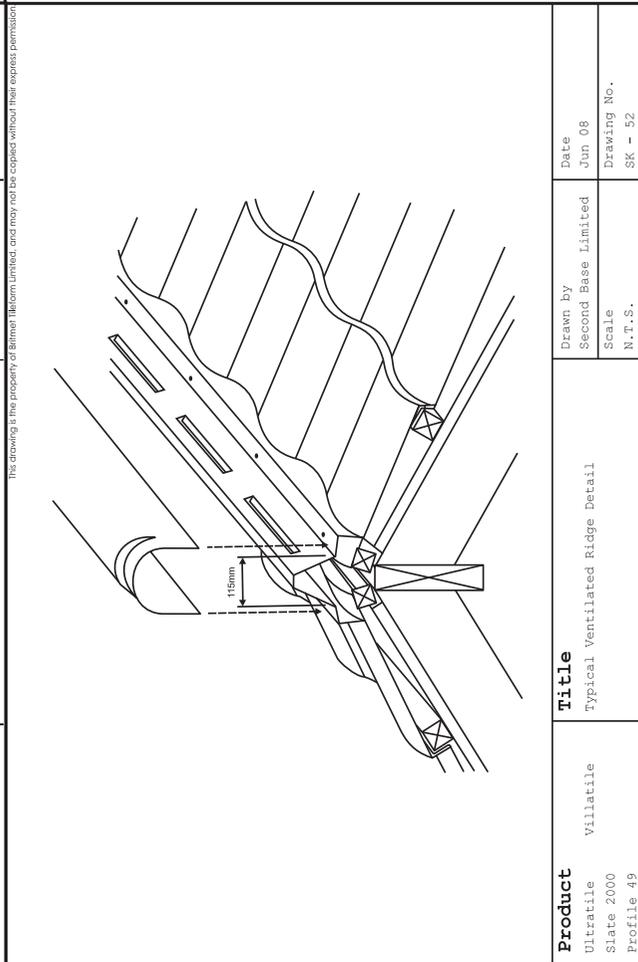


<b>Product</b> Ultratile Slate 2000 Profile 49	<b>Title</b> Sunpipe/Roof light Penetration Size to Suit	<b>Drawn by</b> Britmet Tileform Scale N.T.S.	<b>Date</b> June 06 Drawing No. SK - 51
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## GRP VALLEY

<b>Product</b> Ultratile Slate 2000 Profile 49	<b>Title</b> Typical GRP Valley Detail.	<b>Drawn by</b> Second Base Limited Scale N.T.S.	<b>Date</b> Jan 02 Drawing No. SK - 50
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<b>Product</b> Ultratile Slate 2000 Profile 49	<b>Title</b> Typical Ventilated Ridge Detail	<b>Drawn by</b> Second Base Limited Scale N.T.S.	<b>Date</b> Jun 08 Drawing No. SK - 52
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