February 2015
Uniclass
L522:P4
CI/SfB (47) Nh2

Technical Drawings & Installers Guides

For Panel and Eave to Ridge Tile Systems

Lightweight Steel Roofing

ROOFING MEGASTORE
Specialists in Lightweight Roofing

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

INSTALLERS GUIDE FOR PANELS

REQUIREMENTS

1

PANELS

PROFILE 49

VILLATILE

ULTRALITE

SLATE 2000

PLAIN TILE

Pencil

SOFT SOLED SAFETY SHOES

RULER

TIN SNIPS

ROUND HEADED CLAW HAMMER

COLOUR NAILS

Bender

Guillotine

PLEASE NOTE: A UNDERLAY MUST BE USED

ADDITIONAL ACCESSORIES AVAILABLE

2

410mm

RIDGE BARREL & END CAP

1250mm

VENTED TOP ROW

1250mm

ANGLE RIDGE/HIP FLASHING

1250mm

B - RIDGE FLASHING

MONO RIDGE FLASHING

1250mm

BARGE BOARD FLASHING

1250mm

EAVES APRON FLASHING

1250mm

SIDE WALL FLASHING

1250mm

FLAT SHEET

1250mm

COVER FLASHING

1250mm

GRP VALLEY FLASHING

RIDGE VENT

VENTED TILE / SLATE

EAVES OVF25 VENT

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		367mm
PROFILE 49:	365mm		363mm
ULTRALITE:	370mm		368mm
PLAIN TILE:	160mm		158mm
VILLATILE:	365mm		363mm

LOWER FACE TO LOWER FACE

Measurement

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

NAIL TIMBER BARGE BATTEN TO THE TOP OF THE HORIZONTAL BATTEN

5

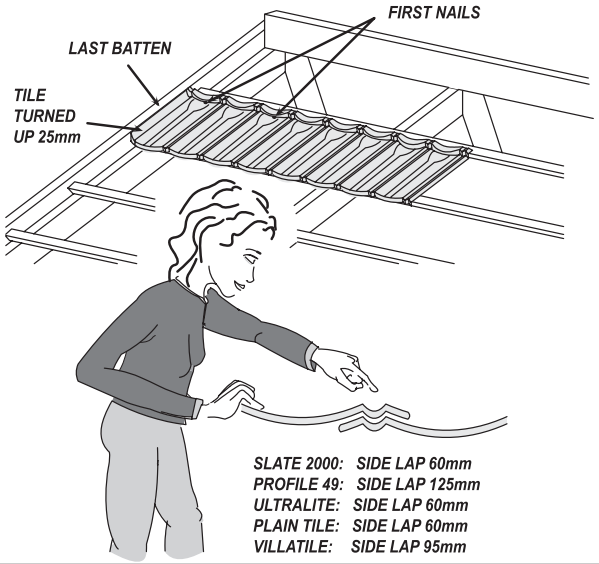
LAY THE PANELS STARTING FROM THE FIRST BATTEN BELOW THE RIDGE

6

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

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

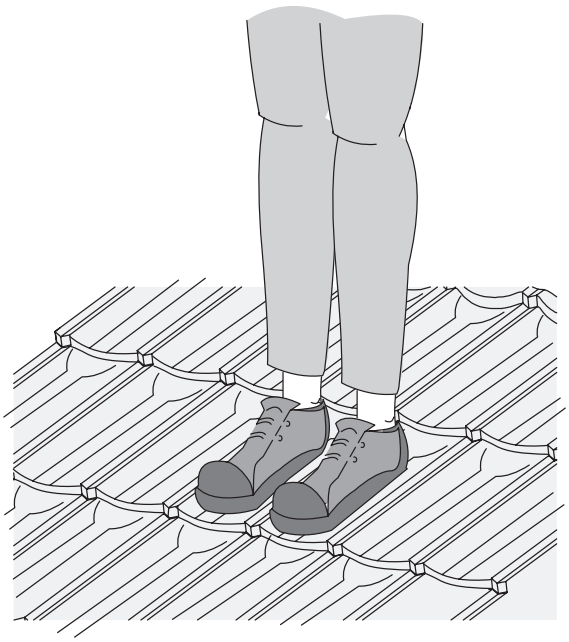
SLATE 2000: PANELS MUST BE LAID FROM RIGHT TO LEFT



SLATE 2000: SIDE LAP 60mm
PROFILE 49: SIDE LAP 125mm
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

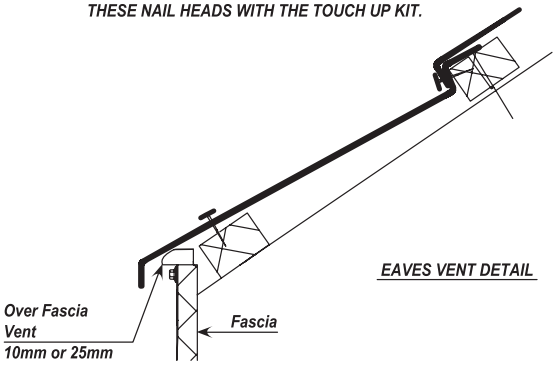
NAIL PANELS THROUGH NOSE
REMEMBER: LEAVE BOTTOM COURSE LOOSE UNTIL MORE PANELS HAVE BEEN LAID
Note: For 0.9mm Panels Tek Screws Can Be Used

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.



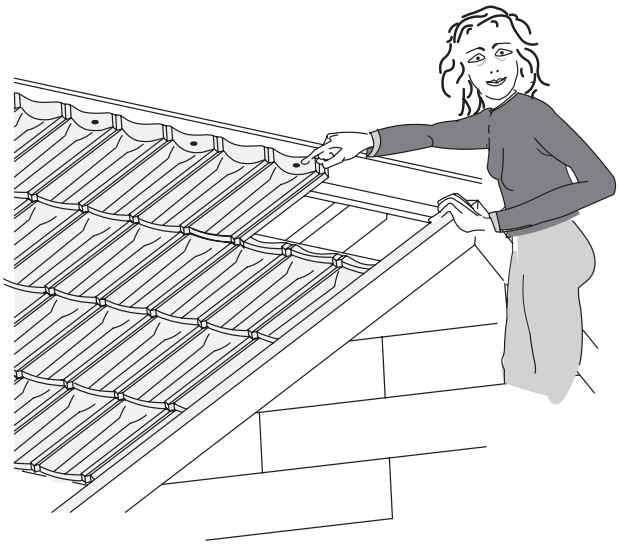
EAVES VENT DETAIL

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

RIDGE COURSE - B - RIDGE

10

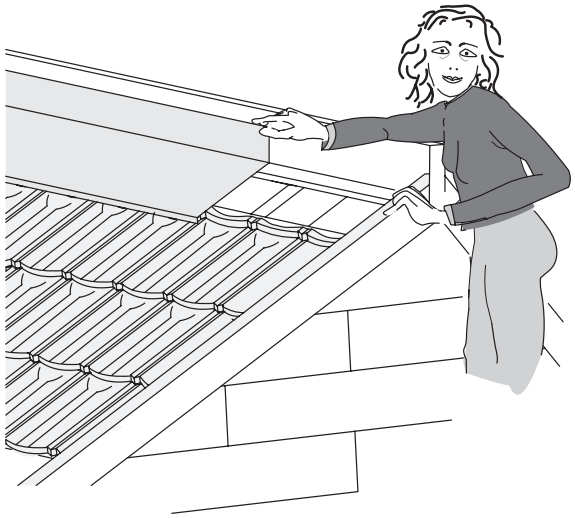
IF LESS THAN A FULL PANEL IS REQUIRED, MEASURE AND BEND IT TO SUIT. ALLOW 25mm - 38mm TURN UP AND NAIL TO RIDGE BOARD.



IF THE DISTANCE IS LESS THAN 120mm

11

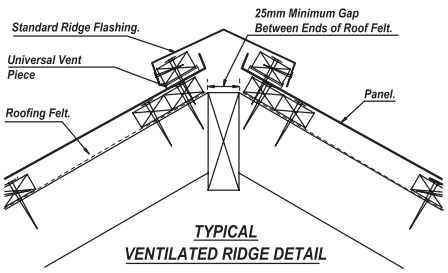
YOU CAN USE A COVER FLASHING, ALLOWING A 25mm - 38mm MIN UP-TURN AGAINST THR RIDGE BOARD



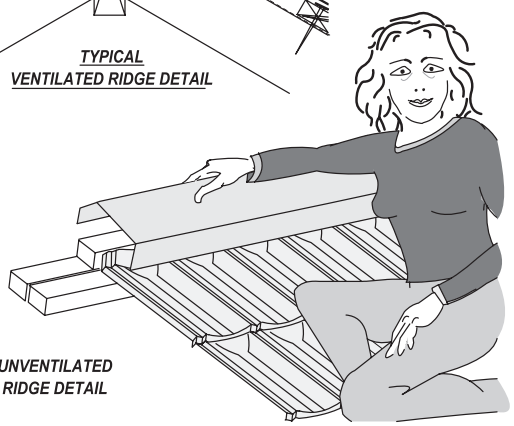
RIDGE COURSE - ANGLE RIDGE

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

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

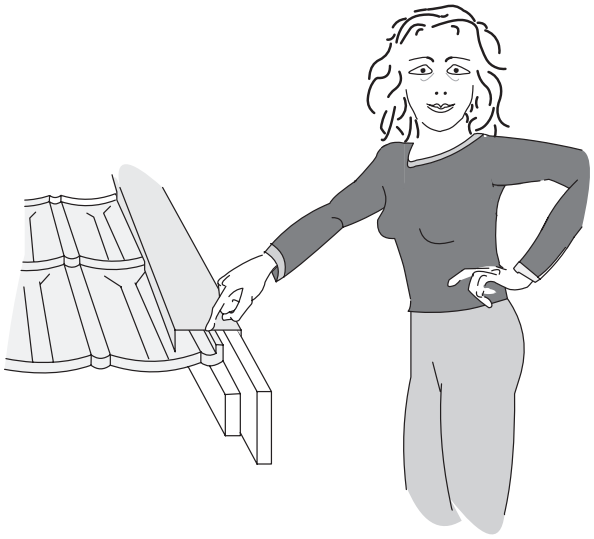
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

FIT THE BARGE BOARD COVER OVER THE BARGE

13

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

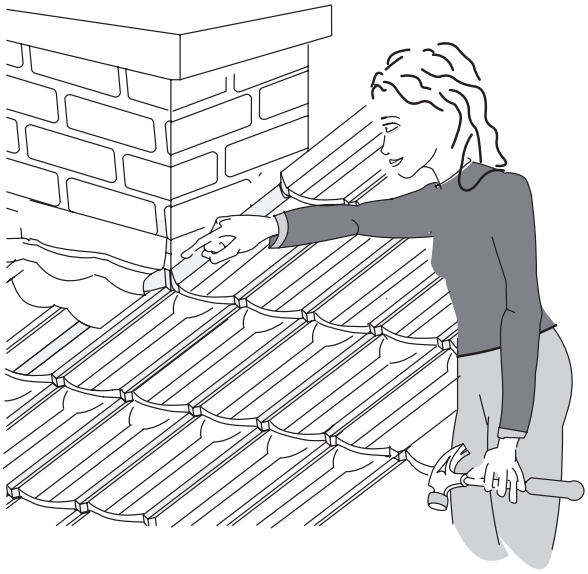
THE END OF THE PANEL IS TURNED 25mm - 38mm UP AGAINST THE BARGE - 4 NAILS PER FLASHING



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.

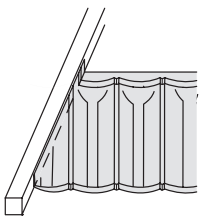


ANGLE HIP DETAIL

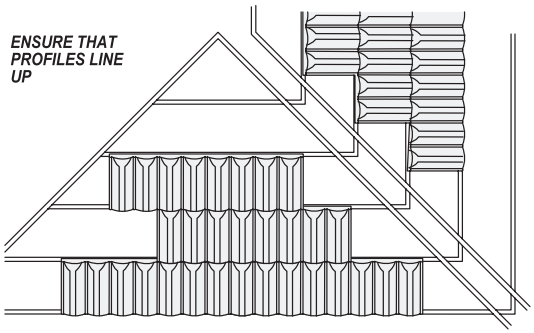
15

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

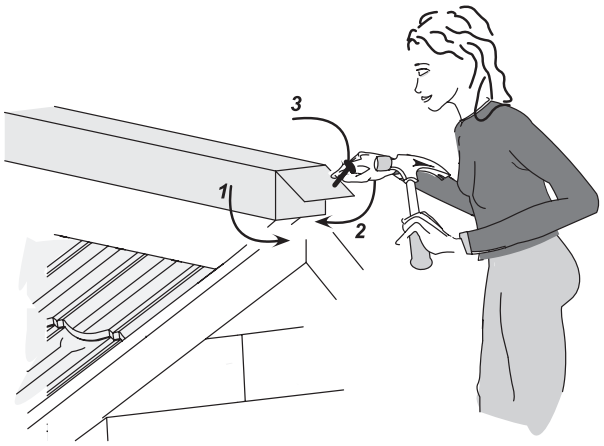
16

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

B-RIDGE END CAPS

17

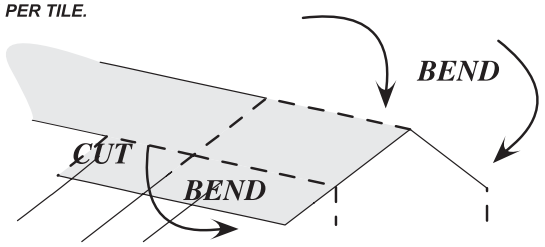
NAIL THROUGH SIDES OF RIDGE AND ALLOW AN OVER HANG. CUT AND FOLD (AS SHOWN) AND NAIL THROUGH THE END



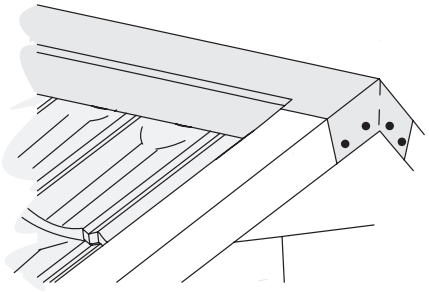
FINISHING ANGLE RIDGE ENDS

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.

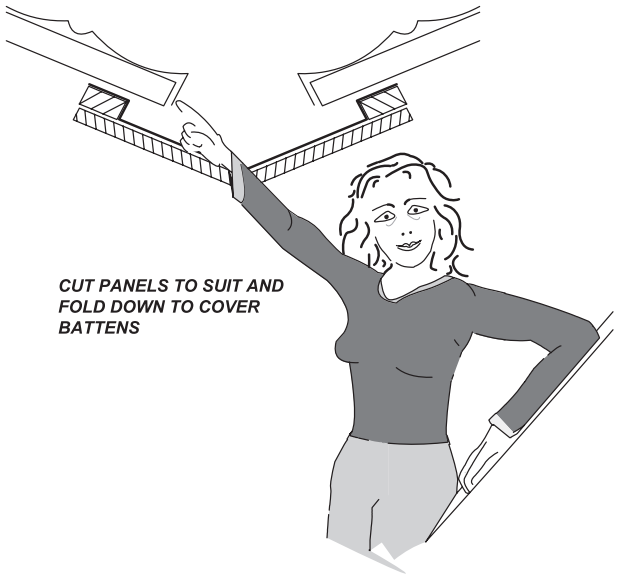


VALLEYS

19

VALLEY BOARDS TO BE LAID AT RAFTER LEVEL

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



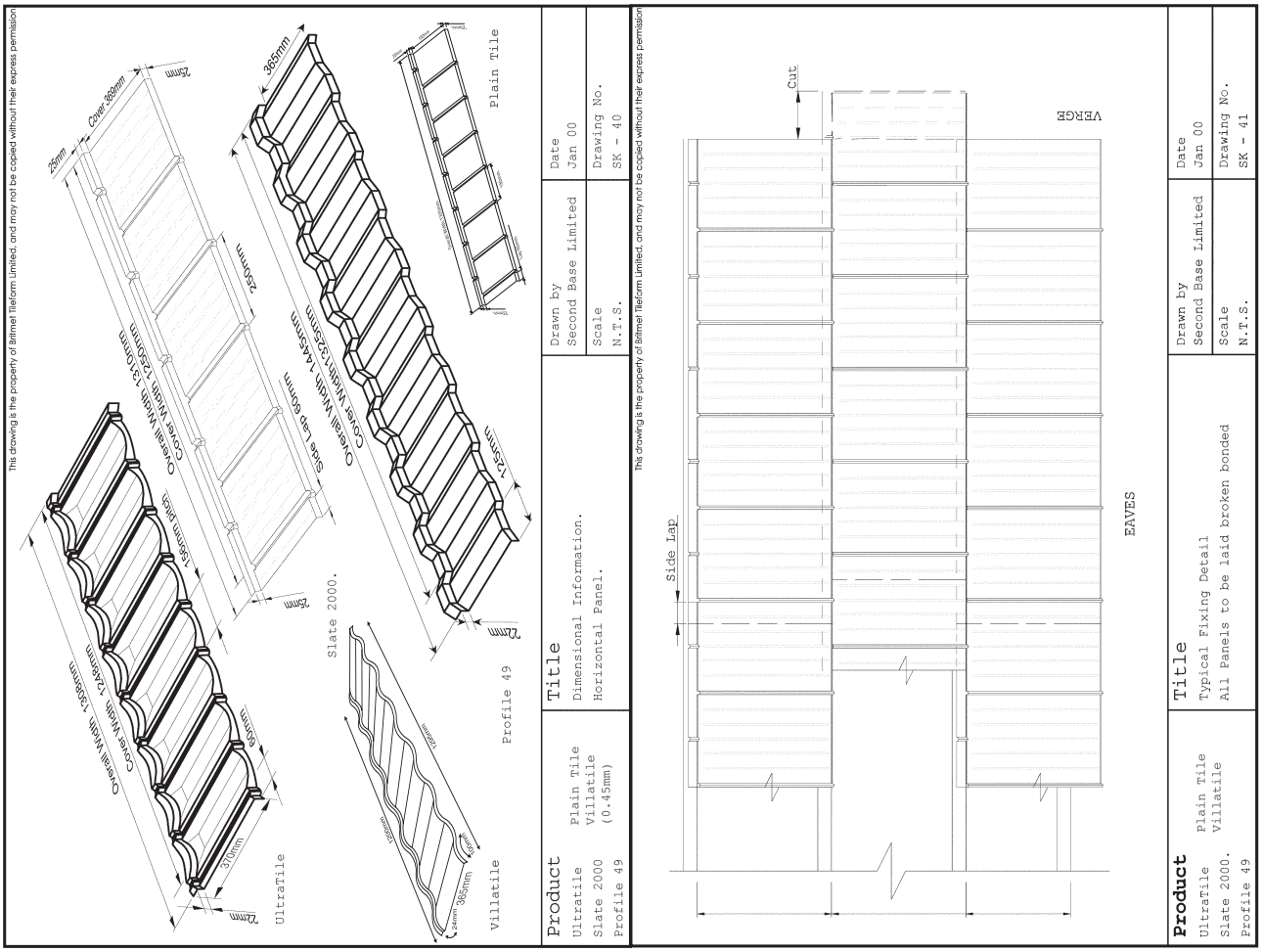
CUT PANELS TO SUIT AND FOLD DOWN TO COVER BATTENS

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

INDEX TO TECHNICAL DRAWINGS

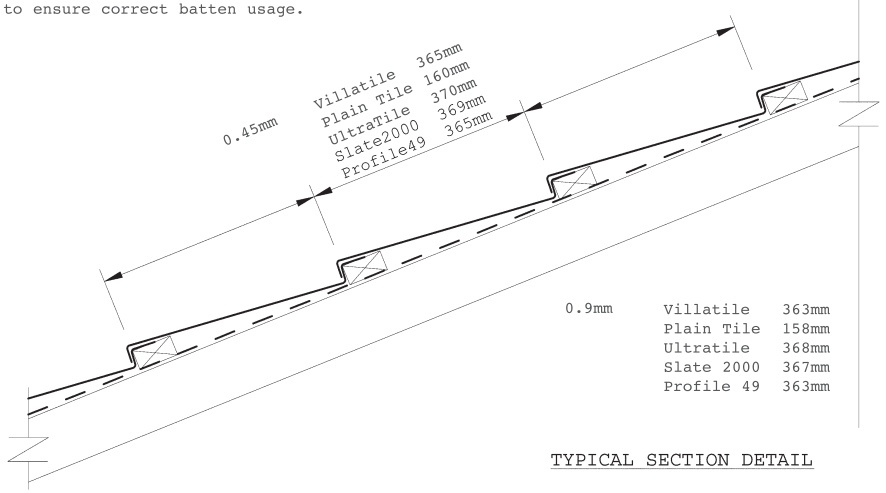
TILE PANEL



Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

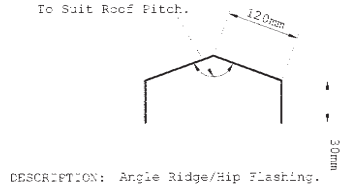
It is the responsibility of the installer
to ensure correct batten usage.



TYPICAL SECTION DETAIL

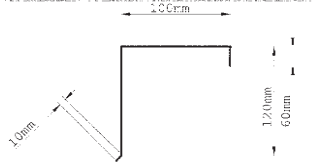
Product	Title	Drawn by	Date
Ultratile, Plain Tile, Slate 2000, Villatile (0.45mm), Profile 49	Batten Spacing.	Second Base Limited	Jan 00
		Scale: N.T.S.	Drawing No.: SK - 42

P.RIDGE/HIP FLASHING



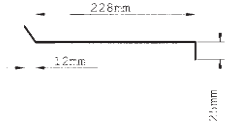
DESCRIPTION: Angle Ridge/Hip Flashing.
LENGTH: 1250mm.
GIRTH: 380mm.
BENDS: 3 no.

BARGE BOARD FLASHING



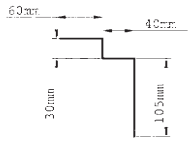
DESCRIPTION: Barge Board Flashing.
LENGTH: 1250mm.
GIRTH: 290mm.
BENDS: 3 no.

COVER FLASHING



DESCRIPTION: Cover Flashing.
LENGTH: 1250mm.
GIRTH: 265mm.
BENDS: 2 no.

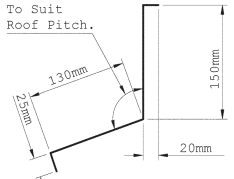
EAVES APRON FLASHING



DESCRIPTION: Apron Flashing.
LENGTH: 1250mm.
GIRTH: 235mm.
BENDS: 3 no.

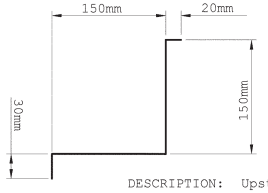
Product	Title	Drawn by	Date
Ultratile, Plain Tile, Slate 2000, Villatile, Profile 49	Standard Flashings. Angle Ridge/Hip, Barge Board, Cover and Eaves Apron.	Second Base Limited	Jan 00
		Scale: N.T.S.	Drawing No.: SK - 43

APRON FLASHING



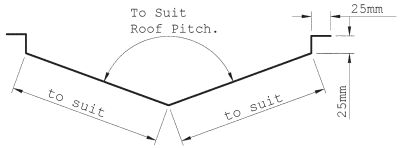
DESCRIPTION: Apron Flashing.
LENGTH: 1250mm.
GIRTH: 325mm.
BENDS: 3 no.

SIDEWALL/UPSTAND FLASHING



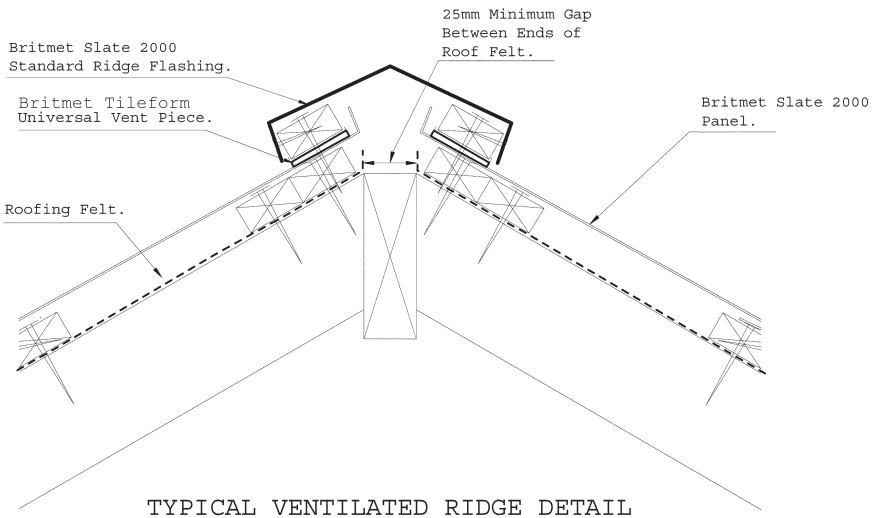
DESCRIPTION: Upstand Flashing.
LENGTH: 1250mm.
GIRTH: 350mm.
BENDS: 3 no.

VALLEY FLASHING



DESCRIPTION: Valley Flashing
LENGTH: 1250mm.
GIRTH: 500mm.
BENDS: 5 no.

Product	Title	Drawn by	Date
Ultratile, Plain Tile, Slate 2000, Villatile, Profile 49	Standard Flashings. Apron, Upstand and Valley.	Second Base Limited	Jan 00
		Scale: N.T.S.	Drawing No.: SK - 44



TYPICAL VENTILATED RIDGE DETAIL

Product	Title	Drawn by	Date
Ultratile, Plain Tile, Slate 2000, Profile 49	Typical Ventilated Ridge Detail. Not suitable for Villatile - see SK-52	Second Base Limited	Jan 02
		Scale: N.T.S.	Drawing No.: SK - 45

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

Product		Title		Drawn by	Date
Ultratile	Plain Tile	Sunpipe/Roof light Penetration		Britmet Tileform	June 06
Slate 2000	Villatile	Size to Suit		Scale	Drawing No.
Profile 49				N.T.S.	SK - 51

GRP VALLEY

Product		Title		Drawn by	Date
Ultratile	Plain Tile	Typical GRP Valley Detail.		Second Base Limited	Jan 02
Slate 2000	Villatile			Scale	Drawing No.
Profile 49				N.T.S.	SK - 50

Product		Title		Drawn by	Date
Ultratile	Villatile	Typical Ventilated Ridge Detail		Second Base Limited	Jun 08
Slate 2000				Scale	Drawing No.
Profile 49				N.T.S.	SK - 52

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

The Britmet Tileform roofing systems have been designed and are manufactured to high industry standards. They are easy to install and will perform within the design criteria. The following brief instructions covering the main items on handling and fixing have been prepared to assist those fixing or supervising installations and should be observed. Full technical information and assistance are available on request.

The Britmet tile can be laid on roofs with a minimum pitch of 5 degrees.

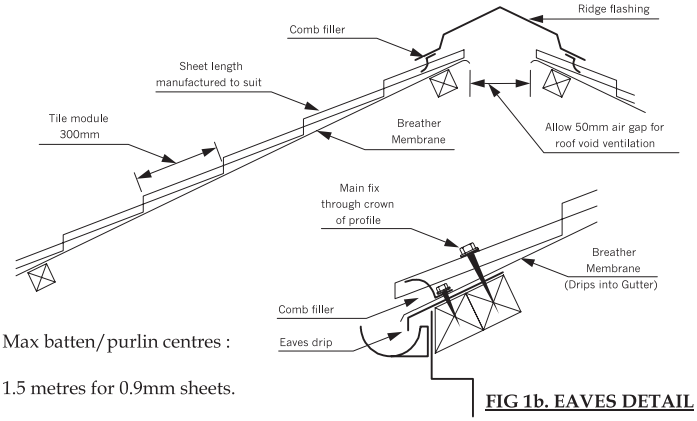
HANDLING AND STORAGE
Materials should be unloaded as close as possible to the building where they are to be installed. On site, packs should be stored on a firm, dry base away from the possibility of damage.

Sheeting packs should be laid on pallets or bearers to allow ground clearance. Bearers at least 100mm x 50mm should be arranged at the same centres under each pack, which must not exceed 2 packs high and must slope sufficiently to allow any rainwater which penetrates to drain away. A tarpaulin should cover the stacks not touching the surface of the sheets, this allows for circulation of air.

To prevent damage to the coating on installation, the sheets must be lifted not dragged from the pack. Damage to the surface coating can be repaired with touch-up paint. (Supplied by Britmet Tileform Ltd.)

SHEET LENGTHS
Where sheet lengths can be accurately pre-determined, they are available in one piece from ridge to eaves to a length of 7.5 metres. Where the slope length exceeds 7.5 metres, or to suit site limitations, sheets are available in a combination of lengths and end/head lapped with mitred cut, to suit eaves to ridge measurements.

FIG 1a. BATTEN/PURLIN LAYOUT (RIDGE DETAIL)



Max batten/purlin centres :

1.5 metres for 0.9mm sheets.

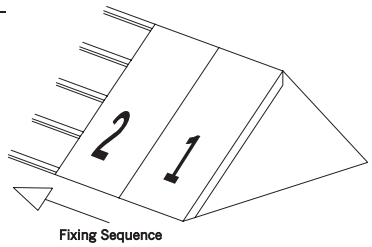
FIG 1b. EAVES DETAIL

EAVES DRIP FLASHING
The eaves drip flashing must be set out square to the eaves using a string line. The front edge of the drip should run to the centre line of the gutter.
The front edge of the eaves drip can be used as a template for aligning the front edge of the sheet (providing the eaves drip is square to the eaves).

Note: The breather membrane should be laid over the eaves drip flush with the front edge
Note: The comb fillers should sit on top of and be fixed through the breather membrane & eaves drip into the eaves purlin. (See fig. 1b for detail)

TILE SHEET LAYING SEQUENCE
Britmet Tileform roof sheets must be laid from right to left. (see Fig.2). The first sheet must be laid square with itself and to the eaves, not the gable or abutment. However, with the exception of a hip ended roof, the tile sheets will have to be laid in reverse (i.e. back lapped) from the first uncut sheet.
All side laps must be facing the same way.

□IG 2□ □AY□ □□



Fixing Sequence

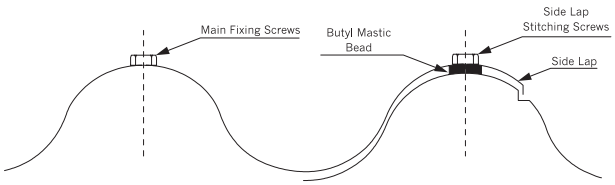
SIDE LAPS
Side lap stitching screws are used to tighten the side lap (See fig. 4 for fixing locations).
A butyl mastic bead should be laid full length along the crown of the profile of the section to be lapped.
Note: For roof pitches of 5° - 9° the butyl mastic bead must be 10mm diameter min.
For roof pitches of 10° - 90° the butyl mastic bead must be 6mm diameter min.

END / HEAD LAPS (Must be Mitred)
For a roof pitch of 5° - 9° the end lap must be a min. 300mm on the eaves sheet.
For a roof pitch of 10° - 90° the end lap must be a min. 75mm on the eaves sheet.

CUTTING
Lay the tile sheet down on soft, clean, flat surface and mark the lines to be cut.
Cutting to be carried out from the reverse side of the sheet using either a 110-volt corrugated nibbler or 110-volt jigsaw.
All cut edges to be treated immediately with the touch up kit provided by Britmet Tileform Limited.

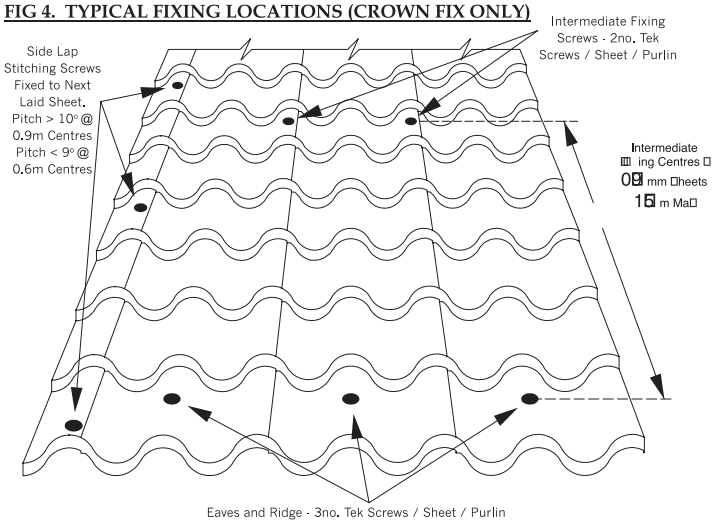
MAIN SHEET FIXINGS
All main sheet fixings must be through the crown of the profile using Tek screws supplied by Britmet Tileform Ltd. (for fixing quantities and locations see fig.4)

FIG 3. FIXING POSITIONS - SIDE LAP AND MAIN FIXING DETAIL



Note: For coastal areas, stainless steel fixings must be used.

FIG 4. TYPICAL FIXING LOCATIONS (CROWN FIX ONLY)



Note: The above is only a guide, fixing quantities can vary due to building exposure and regional wind loadings.

FLASHINGS
For the full range of flashings, see the Britmet Tileform technical information.
Manufactured length 2m.

Note: comb fillers should be used at the ridge, hip & valley

FLASHING FIXINGS
Unless otherwise stated, all flashings are to be fixed using stitching screws (provided by Britmet Tileform Ltd).
Minimum fixing requirements: 3no. fixings per side per flashing.
Flashings to be jointed with a 50mm butt strap, or lapped 50mm.

ROOF SHEET PENETRATIONS
The weathering of all penetration i.e. soil and vent or similar, should be carried out with a Dektite flashing, fixed in accordance with the manufacturers instructions. Dektite flashings are available from Britmet Tileform Ltd.

ROOFLIGHTS AND CHIMNEYS
Britmet Tileform tile sheets should be cut in situ to fit neatly around the penetration. Purpose made flashings are available from Britmet Tileform Ltd.

Note: The above is a guide on how to fix the Britmet Tileform ridge to eaves tile sheets.

This fixing guide assumes that the new or existing roof structure is of sound condition and is built in accordance with the latest building code of practices.

The Britmet Tileform roofing systems have been designed and are manufactured to high industry standards. They are easy to install and will perform within the design criteria. The following brief instructions covering the main items on handling and fixing have been prepared to assist those fixing or supervising installations and should be observed. Full technical information and assistance are available on request.

The Britmet tile can be laid on roofs with a minimum pitch of 5 degrees.

HANDLING AND STORAGE

Materials should be unloaded as close as possible to the building where they are to be installed. On site, packs should be stored on a firm, dry base away from the possibility of damage.

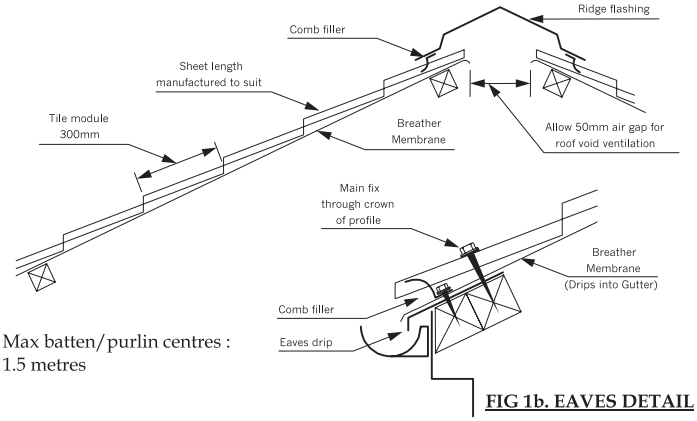
Sheeting packs should be laid on pallets or bearers to allow ground clearance. Bearers at least 100mm x 50mm should be arranged at the same centres under each pack, which must not exceed 2 packs high and must slope sufficiently to allow any rainwater which penetrates to drain away. A tarpaulin should cover the stacks not touching the surface of the sheets, this allows for circulation of air.

To prevent damage to the coating on installation, the sheets must be lifted not dragged from the pack. Damage to the surface coating can be repaired with touch-up paint. (Supplied by Britmet Tileform Ltd.)

SHEET LENGTHS

Where sheet lengths can be accurately pre-determined, they are available in one piece from ridge to eaves to a length of 6 metres. Where the slope length exceeds 6 metres, or to suit site limitations, sheets are available in a combination of lengths and end/head lapped with mitred cut, to suit eaves to ridge measurements.

FIG 1a. BATTEN/PURLIN LAYOUT (RIDGE DETAIL)



Max batten/purlin centres : 1.5 metres

FIG 1b. EAVES DETAIL

EAVES DRIP FLASHING

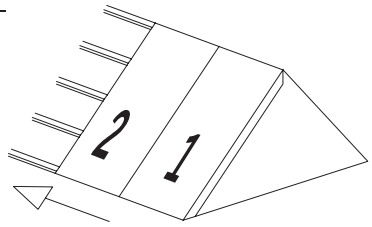
The eaves drip flashing must be set out square to the eaves using a string line. The front edge of the drip should run to the centre line of the gutter.
The front edge of the eaves drip can be used as a template for aligning the front edge of the sheet (providing the eaves drip is square to the eaves).

Note: The breather membrane should be laid over the eaves drip flush with the front edge
Note: The comb fillers should sit on top of and be fixed through the breather membrane & eaves drip into the eaves purlin. (See fig. 1b for detail)

TILE SHEET LAYING SEQUENCE

Britmet Tileform roof sheets must be laid from right to left. (see Fig.2). The first sheet must be laid square with itself and to the eaves, not the gable or abutment. However, with the exception of a hip ended roof, the tile sheets will have to be laid in reverse (i.e. back lapped) from the first uncut sheet.
All side laps must be facing the same way.

FIG 2. LAYING SEQUENCE



Fixing Sequence

SIDE LAPS

Side lap stitching screws are used to tighten the side lap (See fig. 4 for fixing locations).
A butyl mastic bead should be laid full length along the crown of the profile of the section to be lapped.
Note: For roof pitches of 5° - 9° the butyl mastic bead must be 10mm diameter min.
For roof pitches of 10° - 90° the butyl mastic bead must be 6mm diameter min.

END / HEAD LAPS (Must be Mitred)

For a roof pitch of 5° - 9° the end lap must be a min. 300mm on the eaves sheet.
For a roof pitch of 10° - 90° the end lap must be a min. 75mm on the eaves sheet.

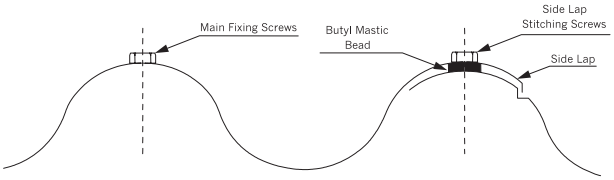
CUTTING

Lay the tile sheet down on soft, clean, flat surface and mark the lines to be cut.
Cutting to be carried out from the reverse side of the sheet using either a 110-volt corrugated nibbler or 110-volt jigsaw.
All cut edges to be treated immediately with the touch up kit provided by Britmet Tileform Limited.

MAIN SHEET FIXINGS

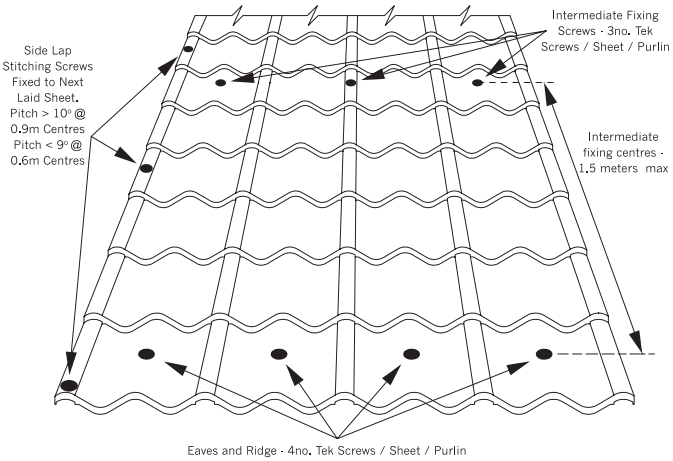
All main sheet fixings must be through the crown of the profile using Tek screws supplied by Britmet Tileform Ltd. (for fixing quantities and locations see fig.4)

FIG 3. FIXING POSITIONS - SIDE LAP AND MAIN FIXING DETAIL



Note: For coastal areas, stainless steel fixings must be used.

FIG 4. TYPICAL FIXING LOCATIONS (CROWN FIX ONLY)



Note: The above is only a guide, fixing quantities can vary due to building exposure and regional wind loadings.

FLASHINGS

For the full range of flashings, see the Britmet Tileform technical information.
Manufactured length 2m.

Note: comb fillers should be used at the ridge, hip & valley

FLASHING FIXINGS

Unless otherwise stated, all flashings are to be fixed using stitching screws (provided by Britmet Tileform Ltd).
Minimum fixing requirements: 3no. fixings per side per flashing.
Flashings to be jointed with a 50mm butt strap, or lapped 50mm.

ROOF SHEET PENETRATIONS

The weathering of all penetration i.e. soil and vent or similar, should be carried out with a Dektite flashing, fixed in accordance with the manufacturers instructions. Dektite flashings are available from Britmet Tileform Ltd.

ROOFLIGHTS AND CHIMNEYS

Britmet Tileform tile sheets should be cut in situ to fit neatly around the penetration. Purpose made flashings are available from Britmet Tileform Ltd.

Note: The above is a guide on how to fix the Britmet Tileform ridge to eaves tile sheets.

This fixing guide assumes that the new or existing roof structure is of sound condition and is built in accordance with the latest building code of practices.

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

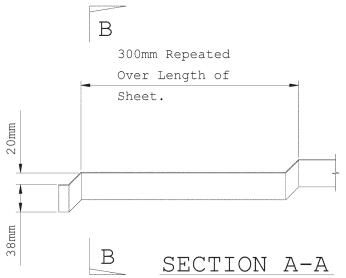
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

INDEX TO TECHNICAL DRAWINGS

EAVE TO RIDGE TILE SHEET

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk



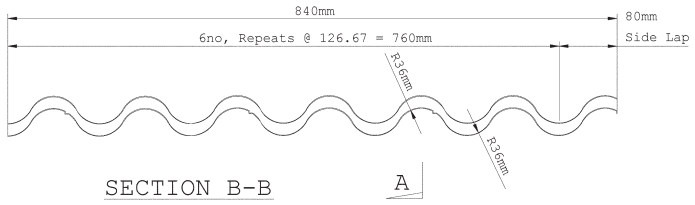
Maximum Purlin Centres:- 0.9mm gauge - 1800mm
0.6mm gauge - 1500mm

Coverage:- 760mm

Side Lap:- 80mm

Ventilation:- Airflow Approximately 9000mm^2 /linm, to the Underside of the Sheet, when Using Comb Filler.

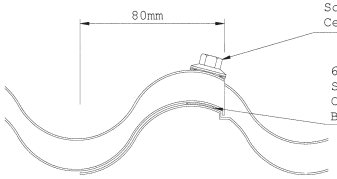
SECTION A-A



SECTION B-B

Product	Title	Drawn by	Date
Boldroll. Ridge to Eaves Tile-Effect Sheet.	Dimensional Information.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 01

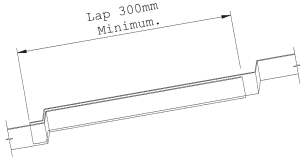
SIDE LAP



6mm dia. Self Drill Self Tap Stitching Screw @ 900mm Centres.

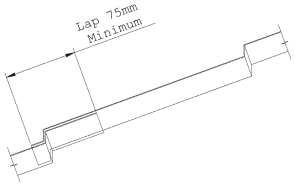
6mm Thick Mastic Seal, Along Crown, Compressed Between Sheets.

HEAD LAP - PITCH < 10



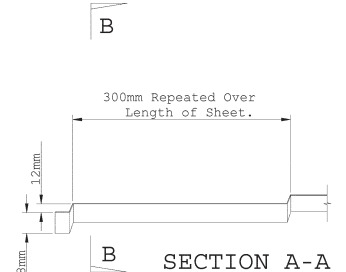
Lapped over supported areas only.

HEAD LAP - °PITCH > 10



Lapped over supported areas only.

Product	Title	Drawn by	Date
Boldroll. Ridge to Eaves Tile-Effect Sheet.	Lapping Details. Side/Head Lap.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 02



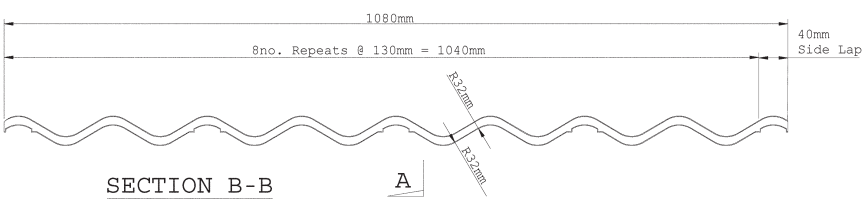
Maximum Purlin Centres:- 1500mm

Coverage:- 1040mm

Side Lap:- 40mm

Ventilation:- Airflow Approximately 7000mm^2/linm, to the Underside of the Sheet,

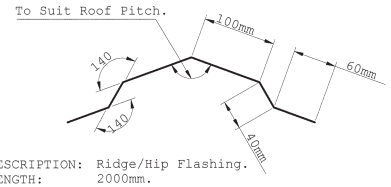
SECTION A-A



SECTION B-B

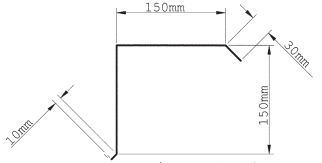
Product	Title	Drawn by	Date
Pantile 2000. Ridge to Eaves Tile-Effect Sheet.	Dimensional Information.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 03

RIDGE/HIP FLASHING



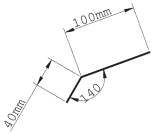
DESCRIPTION: Ridge/Hip Flashing.
LENGTH: 2000mm.
GIRTH: 400mm.
BENDS: 5 no.
DETAIL: End Cap to Suit.

VERGE/BARGE FLASHING



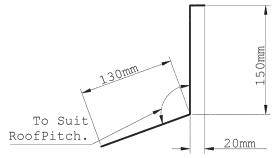
DESCRIPTION: Verge/Barge Flashing.
LENGTH: 2000mm.
GIRTH: 340mm.
BENDS: 3 no.
DETAIL: End Cap to Suit.

EAVES DRIP FLASHING



DESCRIPTION: Eaves Drip Flashing Sheets only.
LENGTH: 2000mm.
GIRTH: 140mm
BENDS: 1 no.

APRON FLASHING



DESCRIPTION: Apron Flashing.
LENGTH: 2000mm.
GIRTH: 300mm.
BENDS: 2 no.

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Standard Flashings. Ridge/Hip, Verge/Barge, Eaves Drip and Apron.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 04

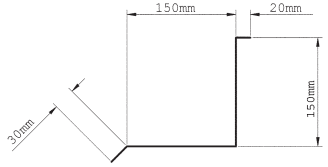
LIGHTWEIGHT EAVE TO RIDGE TILE SHEET

TECHNICAL INFORMATION

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

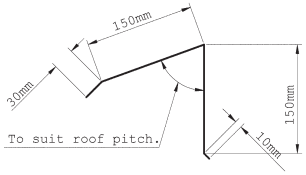
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

UPSTAND FLASHING



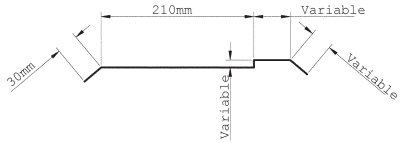
DESCRIPTION: Upstand Flashing.
LENGTH: 2000mm.
GIRTH: 350mm.
BENDS: 3 no.

MONO RIDGE FLASHING



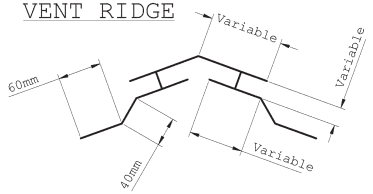
DESCRIPTION: Mono Ridge Flashing.
LENGTH: 2000mm.
GIRTH: 340mm.
BENDS: 3 no.

JUNCTION FLASHING



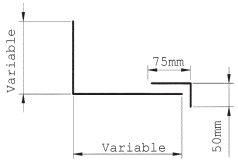
DESCRIPTION: Junction Flashing.
LENGTH: 2000mm.
GIRTH: Variable.
BENDS: 4 no.

VENT RIDGE



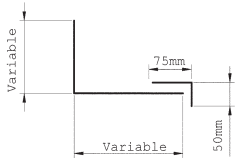
DESCRIPTION: Vent Ridge
LENGTH: 1000mm.
GIRTH: Variable.
BENDS: 5 no.

EAVES FASCIA/SOFFIT



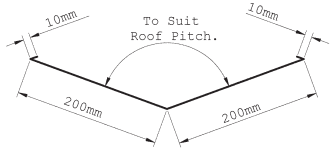
DESCRIPTION: 2 Piece Eaves Fascia/Soffit.
Powder Coated/Smooth Finish.
LENGTH: 2000mm.
GIRTH: Variable.
BENDS: 2 no.

VERGE FASCIA/SOFFIT



DESCRIPTION: 2 Piece Verge Fascia/Soffit.
Powder Coated/Smooth Finish.
LENGTH: 2000mm.
GIRTH: Variable.
BENDS: 2 no.

VALLEY FLASHING

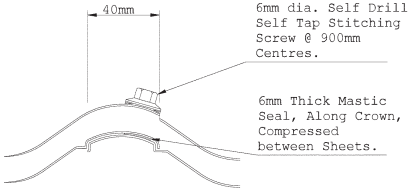


DESCRIPTION: Valley Flashing
LENGTH: 2000mm.
GIRTH: 420mm.
BENDS: 3 no.

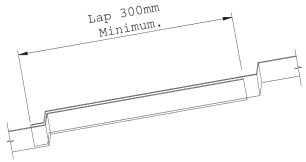
Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Standard Flashings. Upstand, Mono Ridge, Eaves Fascia/Soffit and Verge Fascia/Soffit.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 05

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Standard Flashings. Junction, Valley and Vent Ridge.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 06

SIDE LAP

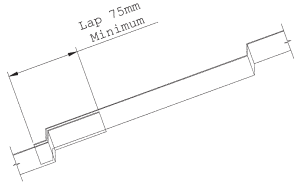


HEAD LAP - PITCH < 10



Lapped Over Supported Areas Only.

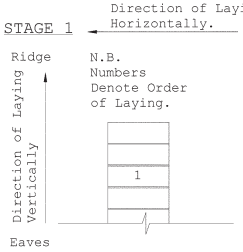
HEAD LAP - °PITCH > 10



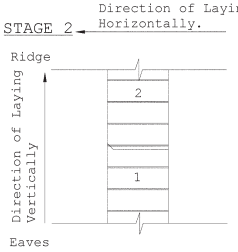
Lapped Over Supported Areas Only.

Product	Title	Drawn by	Date
Pantile 2000. Ridge to Eaves Tile-Effect Sheet.	Lapping Details. Side/Head Lap.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 07

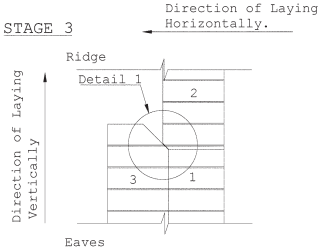
STAGE 1



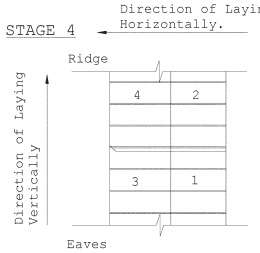
STAGE 2



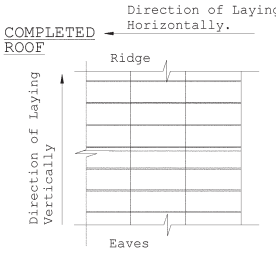
STAGE 3



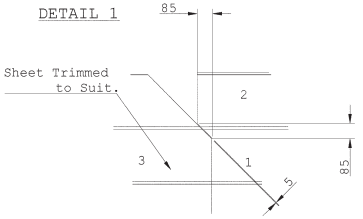
STAGE 4



COMPLETED ROOF



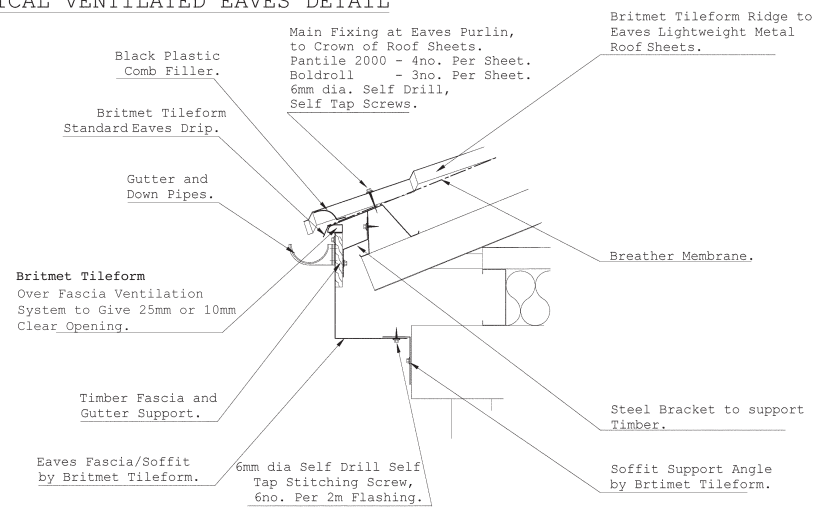
DETAIL 1



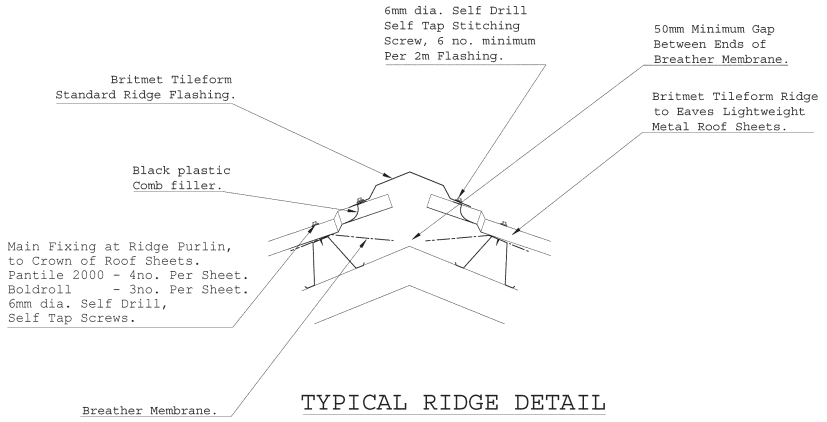
Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Sheet Mitre Detail at Head Lap.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 08

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

TYPICAL VENTILATED EAVES DETAIL

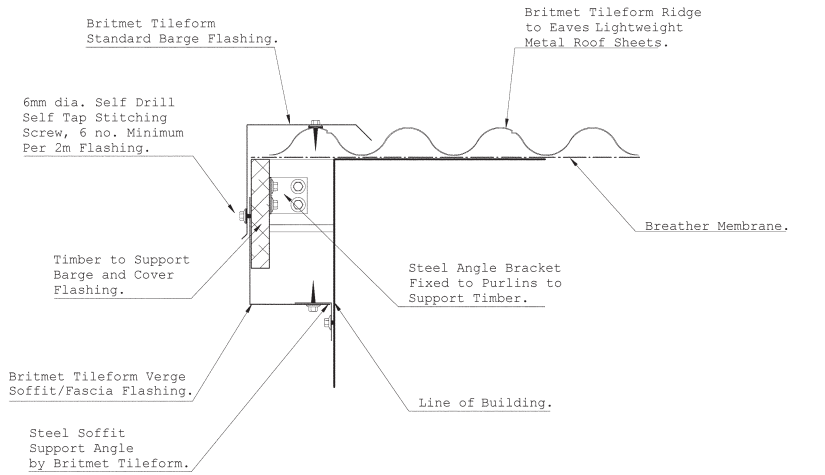


Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Ventilated Eaves Detail. Steel Substructure.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 09



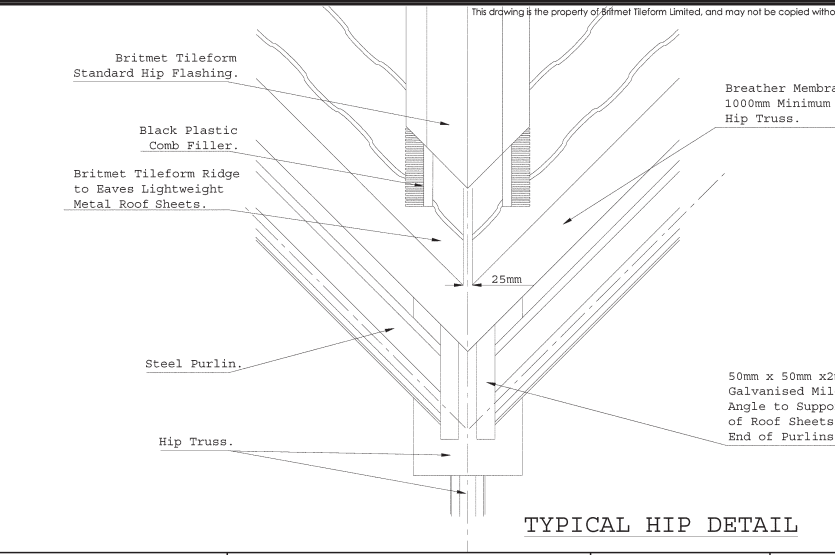
TYPICAL RIDGE DETAIL

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Ridge Detail. Steel Substructure.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 10



TYPICAL VERGE DETAIL

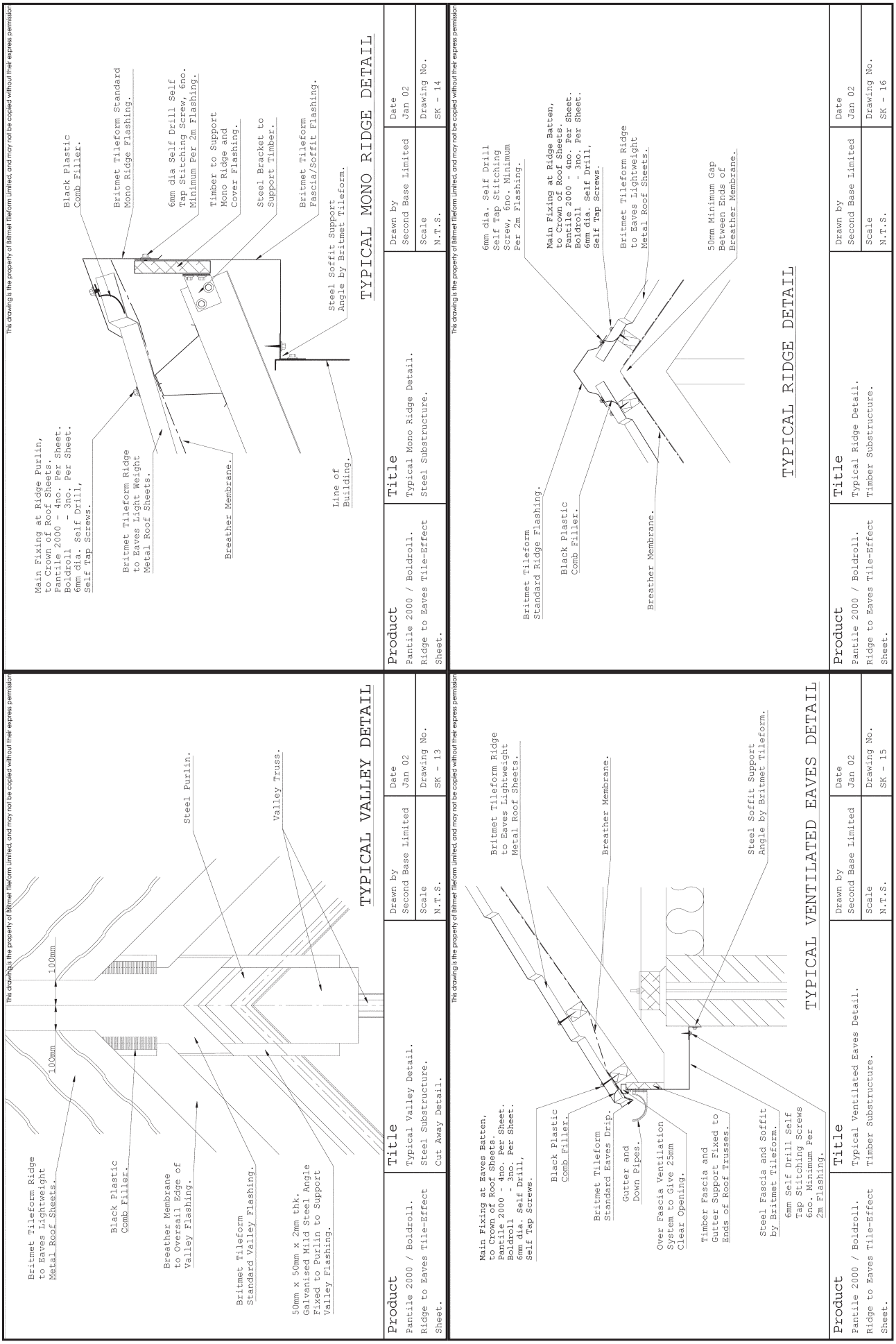
Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Verge Detail. Steel Substructure.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 11



TYPICAL HIP DETAIL

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Hip Detail. Steel Substructure. Cut Away Detail.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 12

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk



Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

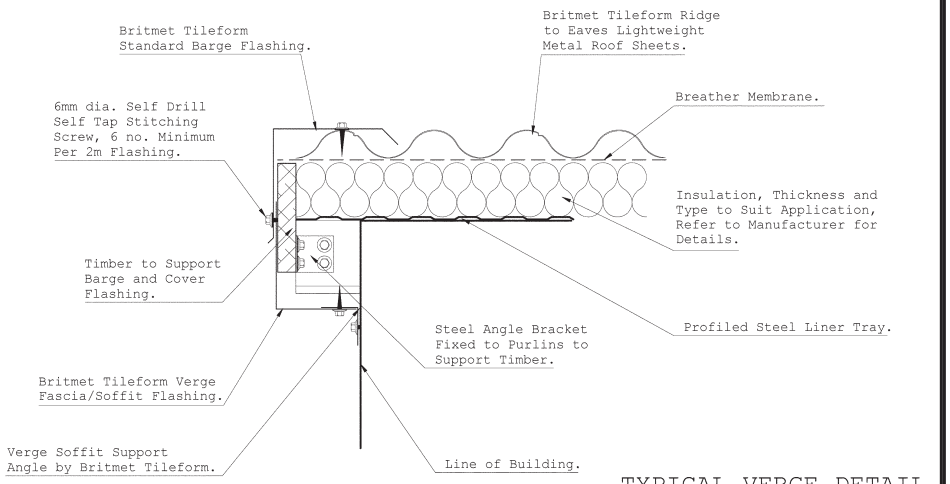
Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

LIGHTWEIGHT EAVE TO RIDGE TILE SHEET TECHNICAL INFORMATION

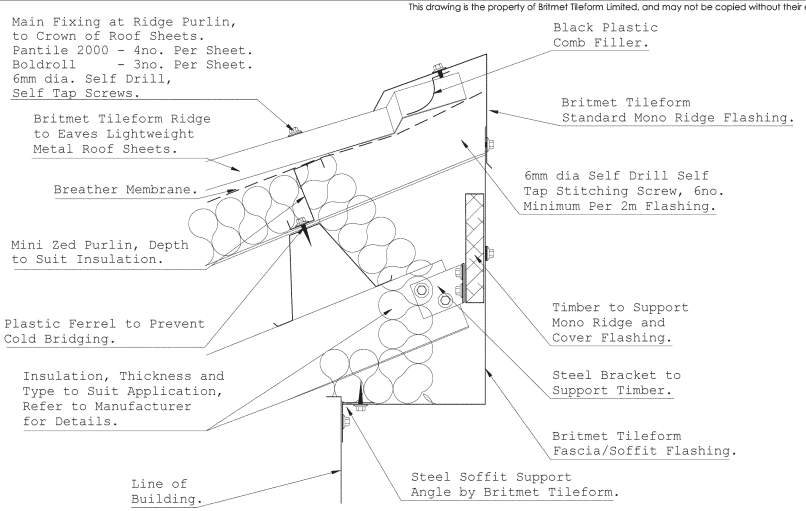
Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk



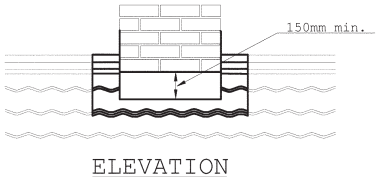
TYPICAL VERGE DETAIL

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Verge Detail. Steel Substructure. Insulation and Liner Tray.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 25

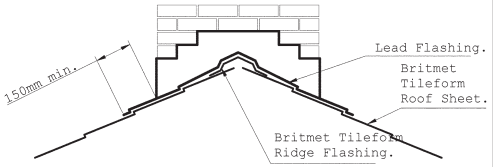


TYPICAL MONO RIDGE DETAIL

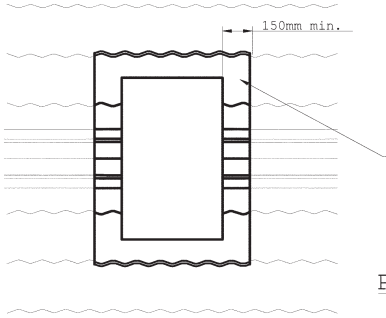
Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Mono Ridge Detail. Steel Substructure. Insulation and Liner Tray.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 26



ELEVATION



SECTION

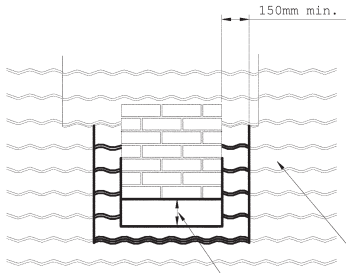


PLAN

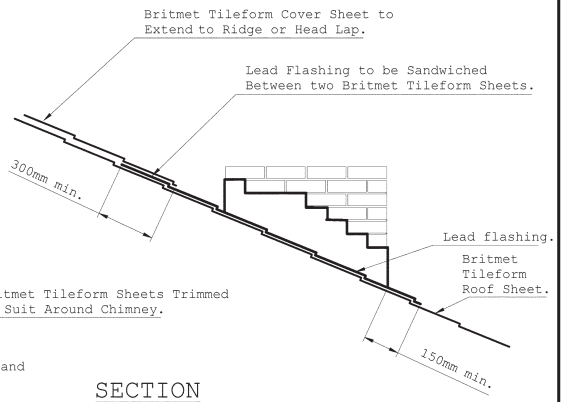
NOTES
Lead Flashing can be Covered by Britmet Tileform Flashings if Required.

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Lead Flashing Detail to Chimney. Chimney at Ridge.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 27

NOTES
Lead Flashing can be Covered by Britmet Tileform Flashings if Required.



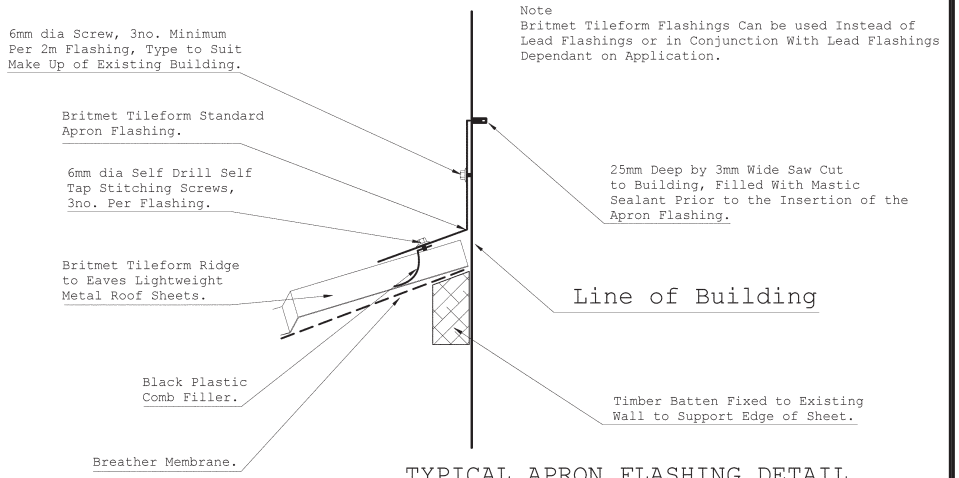
ELEVATION



SECTION

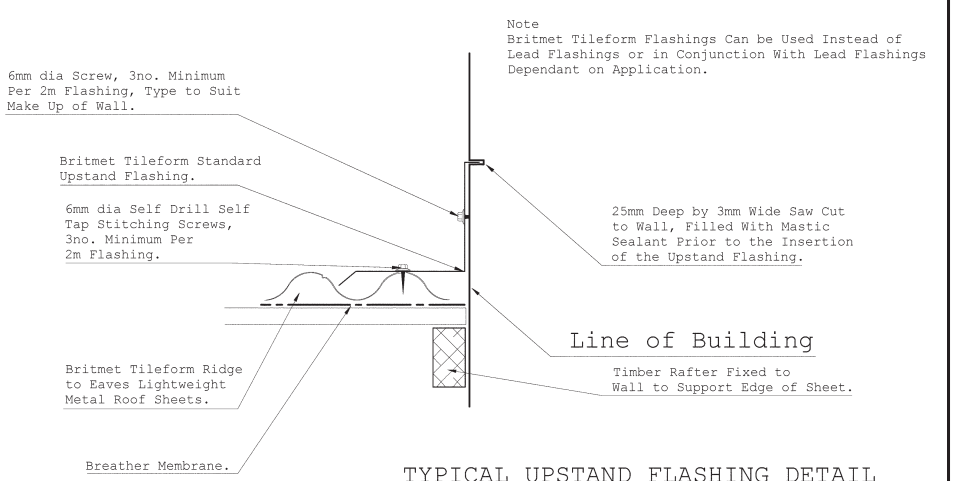
Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Lead Flashing Detail to Chimney. Chimney Within Roof Slope and any Large Roof Penetration.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 28

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk



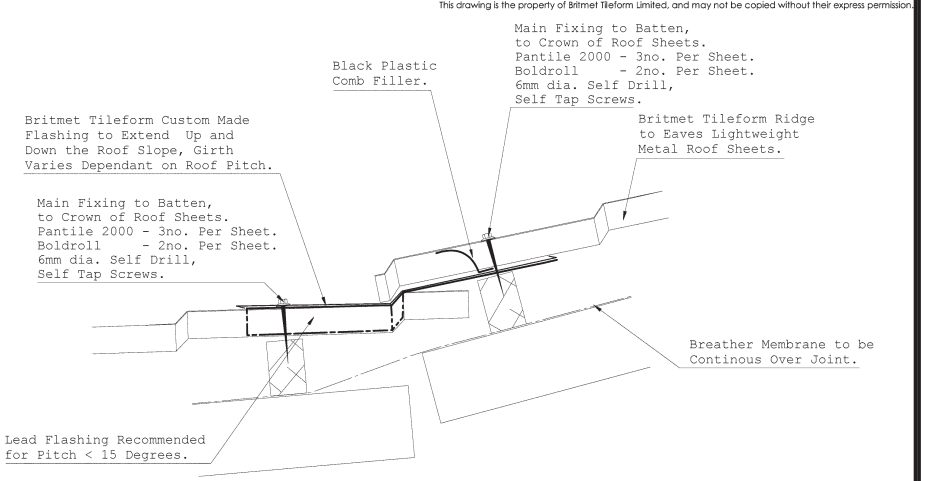
TYPICAL APRON FLASHING DETAIL

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Apron Flashing Detail.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 29



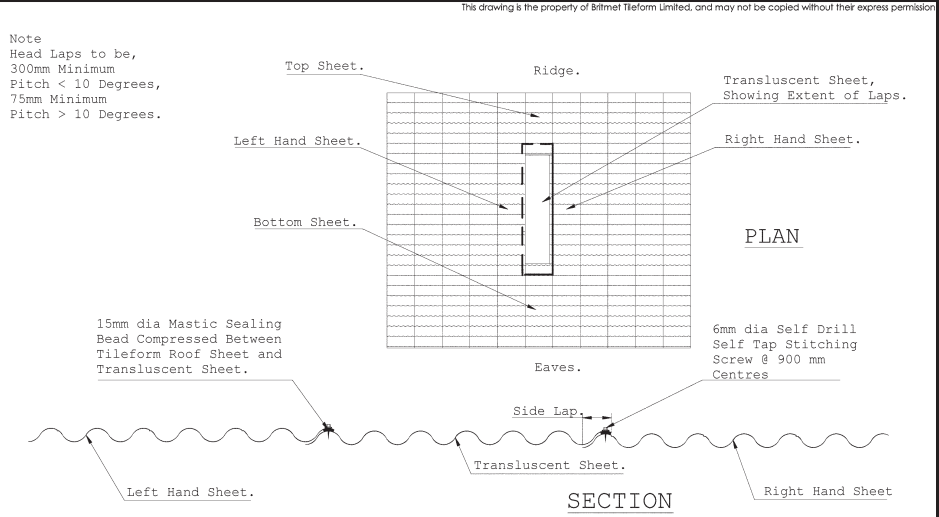
TYPICAL UPSTAND FLASHING DETAIL

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Upstand Flashing Detail.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 30



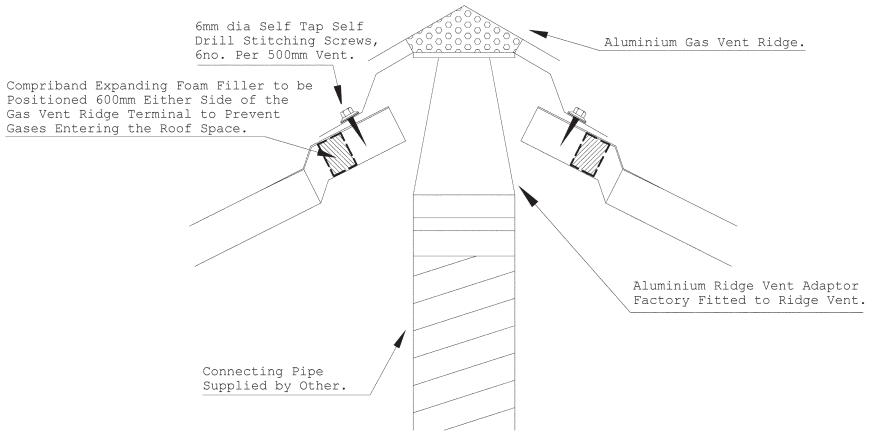
TYPICAL DETAIL AT CHANGE IN SLOPE

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Detail at Change in Slope.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 31



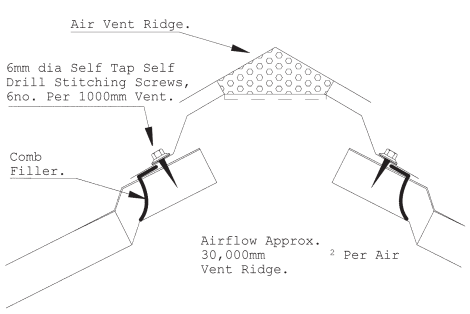
Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Detail at Transluscent Sheet. Plan and Section.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 32

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

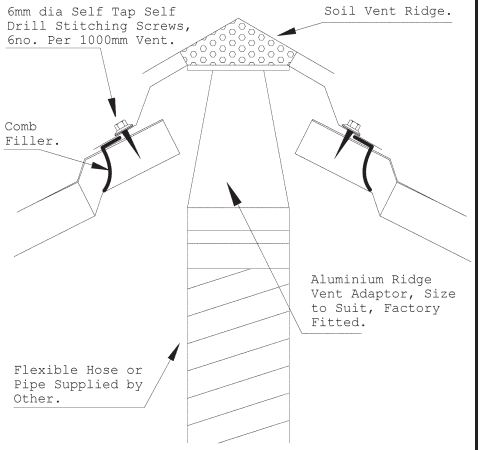


SECTION

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Aluminium Gas Vent Ridge Detail.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 33

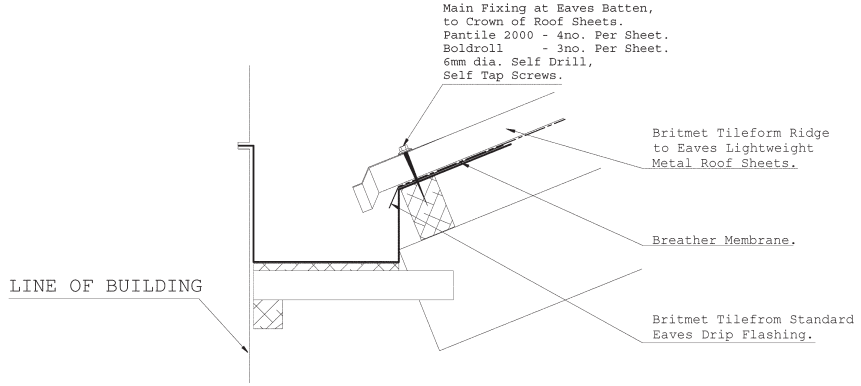


AIR VENT RIDGE

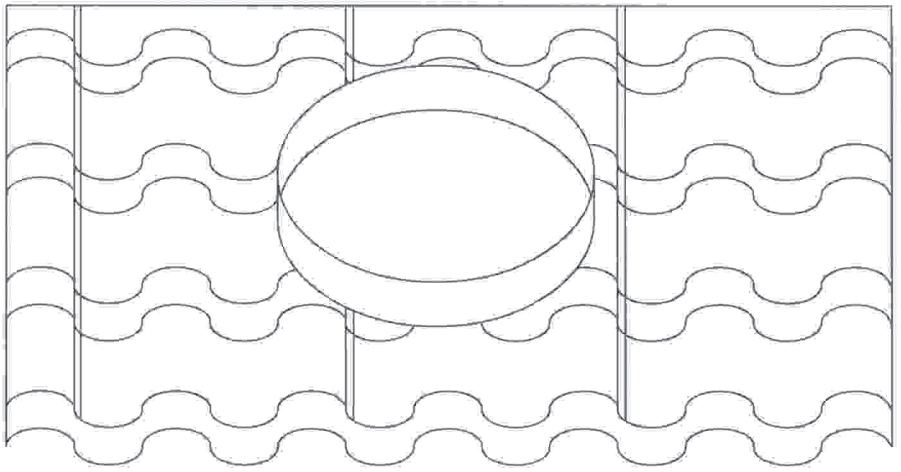


SOIL VENT RIDGE TERMINAL

Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Air Vent Ridge and Soil Vent Ridge Terminal Detail.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 34



Product	Title	Drawn by	Date
Pantile 2000 / Boldroll. Ridge to Eaves Tile-Effect Sheet.	Typical Detail at a Box Gutter.	Second Base Limited	Jan 02
		Scale N.T.S.	Drawing No. SK - 35



Product	Title	Drawn by	Date
Pantile 2000 Boldroll	Sunpipe/Roof Light Penetration Size to Suit	Britmet Tileform	June 06
		Scale N.T.S.	Drawing No. SK - 36

We reserve the right, at any time in our sole discretion, to: modify, suspend or discontinue these products without notice.
For this reason, we encourage you to check with our technical team to confirm sizes, products, before purchase/install.

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ
Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk

ROOFING MEGASTORE

Specialists in Lightweight Roofing

Roofing Megastore Ltd,
Banbury, Oxfordshire, OX16 4RZ

Telephone: 01295 565565
E-mail: sales@roofingmegastore.co.uk