

nordman®
profile LTD

Technical Datasheets

Nordman Profile Tilesheets

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- Eaves detail - pitch 9° and over
- Eaves detail - pitch 4° to 9°
- Ridge detail
- Mono-ridge detail
- Abutment
- Lean too roof detail
- Endlap detail
- Verge detail
- Valley details
- Hip detail
- Mansard roof details
- Chimney section
- Over-roofing existing felt roofing
- Batten spacer
- Double skin insulated roof
- Fixing to purlins
- Velux fixing
- Fitting vents
- Secret Gutter / Valley

Ventilation is a statutory obligation that roof structures comply with building regulation. On page two of Nordman Fitting Instructions we summarise the basic requirements for ventilation as per the building regulations.

RE TV3 Ridge Vent

Ridge Vents are designed for use with Nordman Ridge Plates and Ridge Tiles.

Applications:

A) The RE TV3 will ventilate open roof voids or the air flow path between the roof underlay and insulation in a warm roof construction.

B) Using a flexible pipe and adapter the RE TV3 will ventilate soil pipes or passive vent pipes connected to any wet room vent e.g., Kitchen & Bathroom

Colours:

Black, Brown, Grey & Red.

LV 200/160 Roof Vent

The Roof Vent is profiled to match and interlock with Nordman Roof Tilesheets. Fitting details are outlined on Data Sheet No's N/04.01/19

Applications:

The Roof Vents are used for the same applications as RE TV3 vents and in addition they are used to provide low level ventilation to roof voids.

Colours:

Black, Brown, Grey & Red.

Nordman Continuous Vent

The Continuous Vent incorporates a ventilation unit and stripseal and is ideal for warm roof construction.

Applications:

A) Ridge ventilation for open roof voids and warm roof construction.

B) Mono Ridge

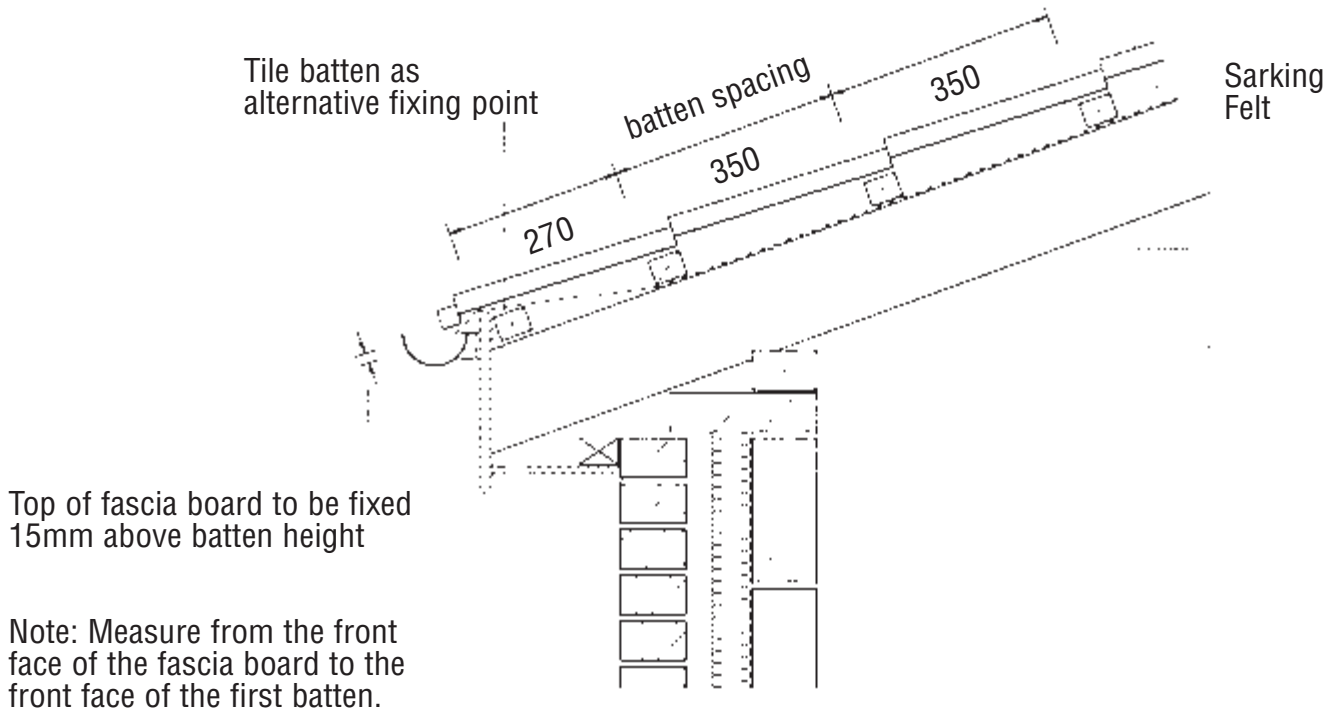
C) Lean too roof ventilation, see drawing no: N/04.01/04 & N/04.01/06

D) Low level and high level ventilation at change of roof pitches.

Eaves Detail

Pitch 9° and over

Nordman
Tilesheet



Rafter Spacing

1200mm
900mm
600mm

Batten Size

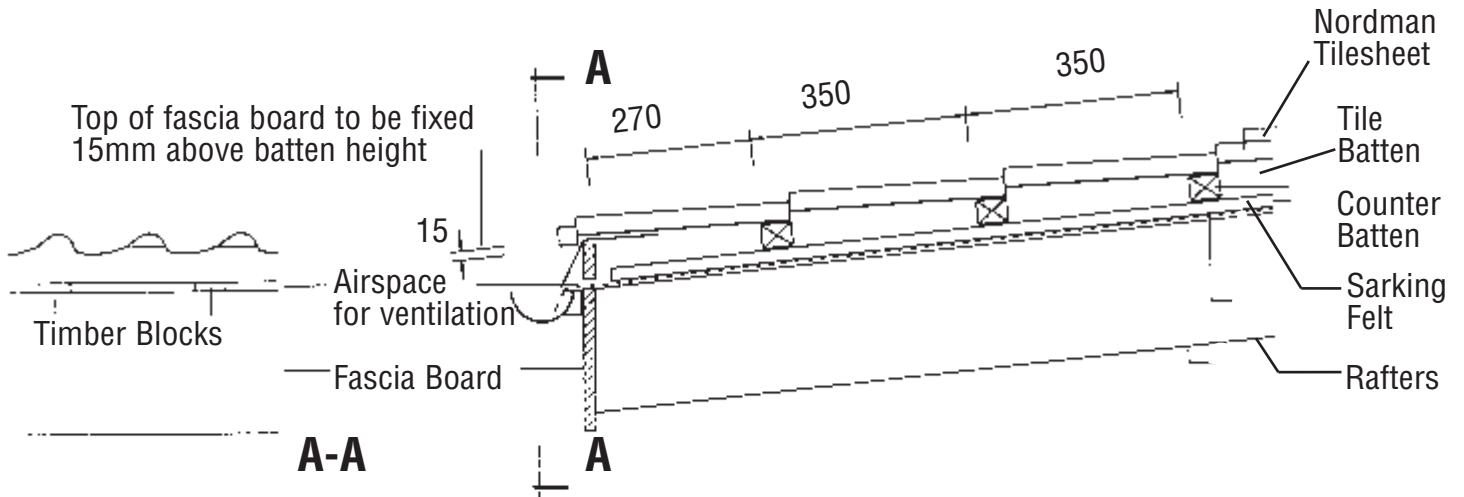
50 x 50mm
50 x 38mm
50 x 38mm

Drawing Number
N / 04.01 / 01

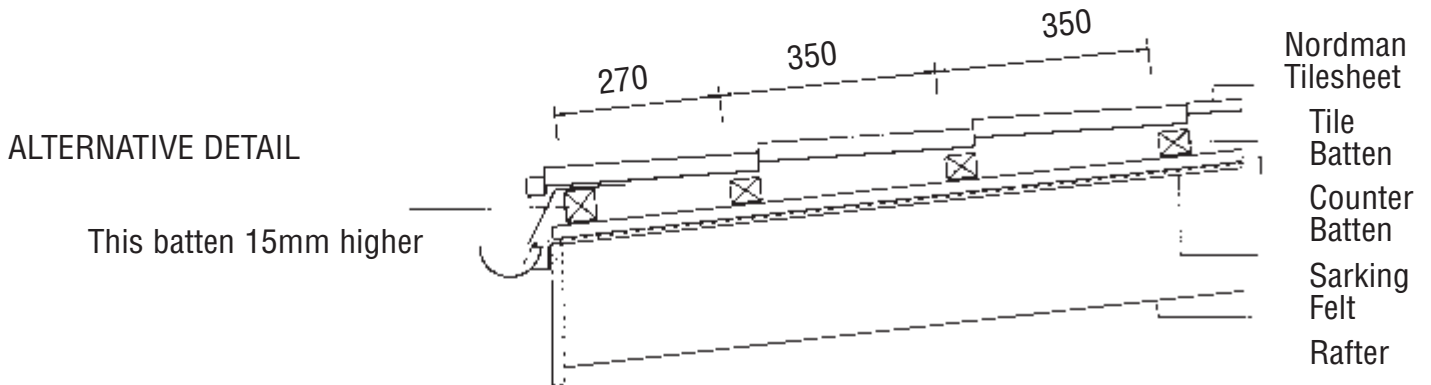
Scale
1:10

Eaves Detail

Pitches 4° to 9°



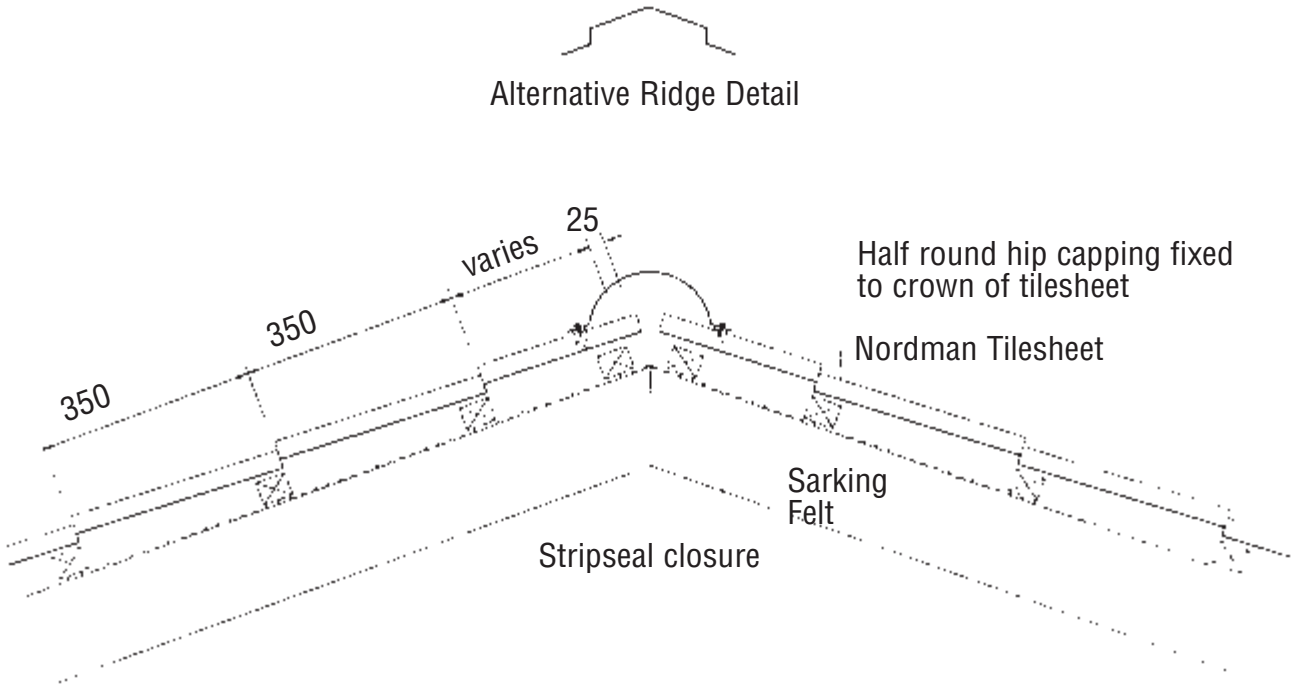
Note: The minimum pitch allowable is 4°. Counterbattens are required for roofs with pitches between 4° to 9°



Drawing Number
N / 04.01 / 02

Scale
1:10

Ridge Detail

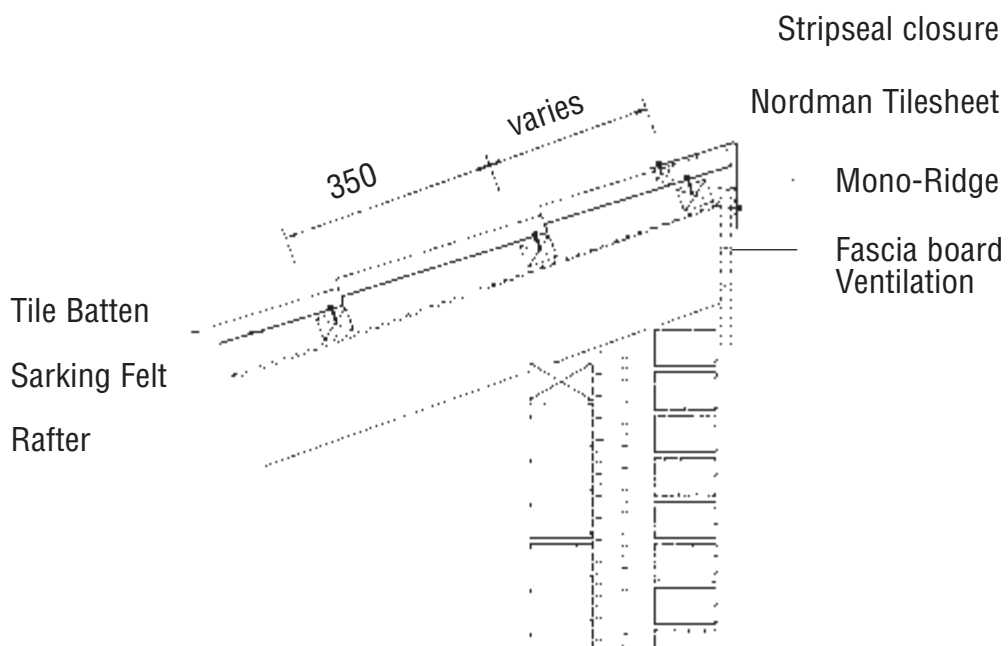


Batten size determined by rafter spacing

|| Drawing Number
N / 04.01 / 03

|| Scale
1:10

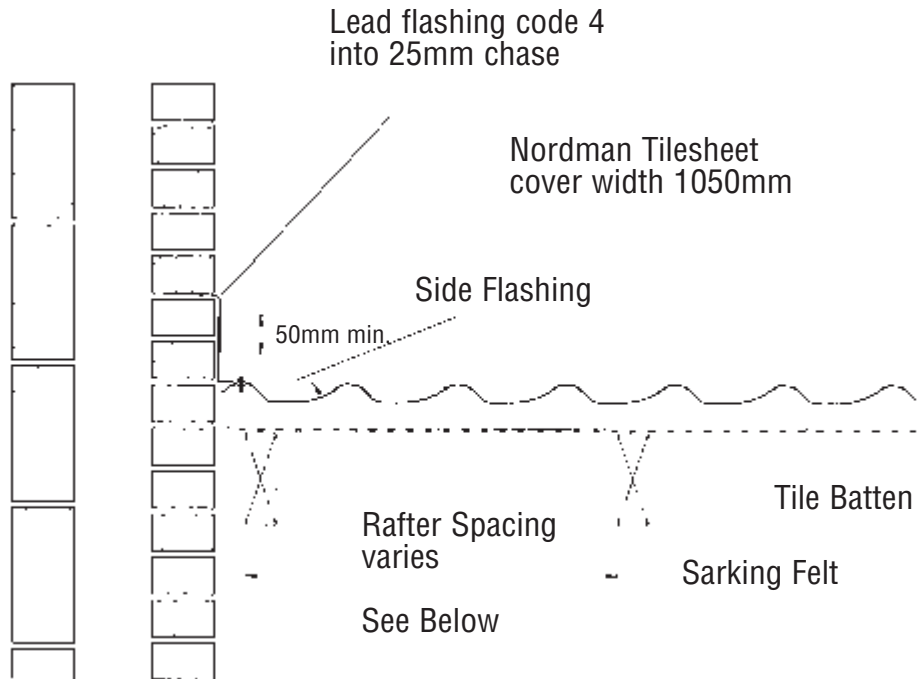
Mono-Ridge Detail



Drawing Number
N / 04.01 / 04

Scale
1:10

Abutment



Rafter Spacing

1200mm
900mm
600mm

Batten Size

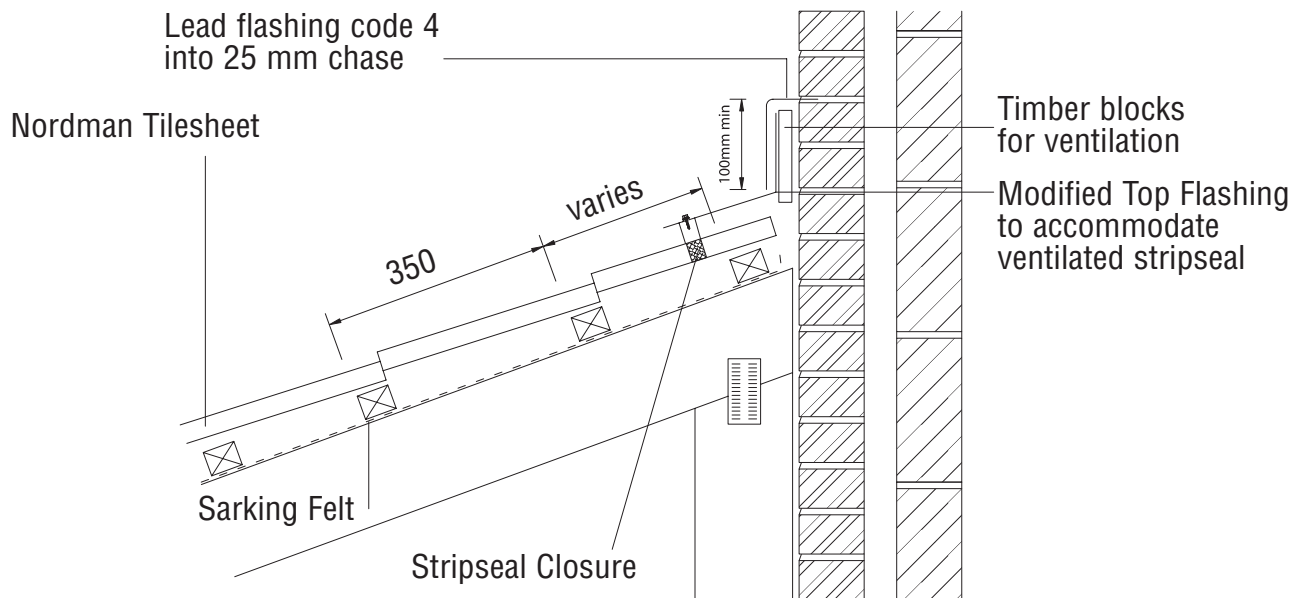
50 x 50mm
50 x 38mm
50 x 38mm

Drawing Number
N / 04.01 / 05

Scale
1:10

Lean To Roof Details

Note: Ensure a 5mm gap between Apron Lead Flashing and Nordman Top Flashing

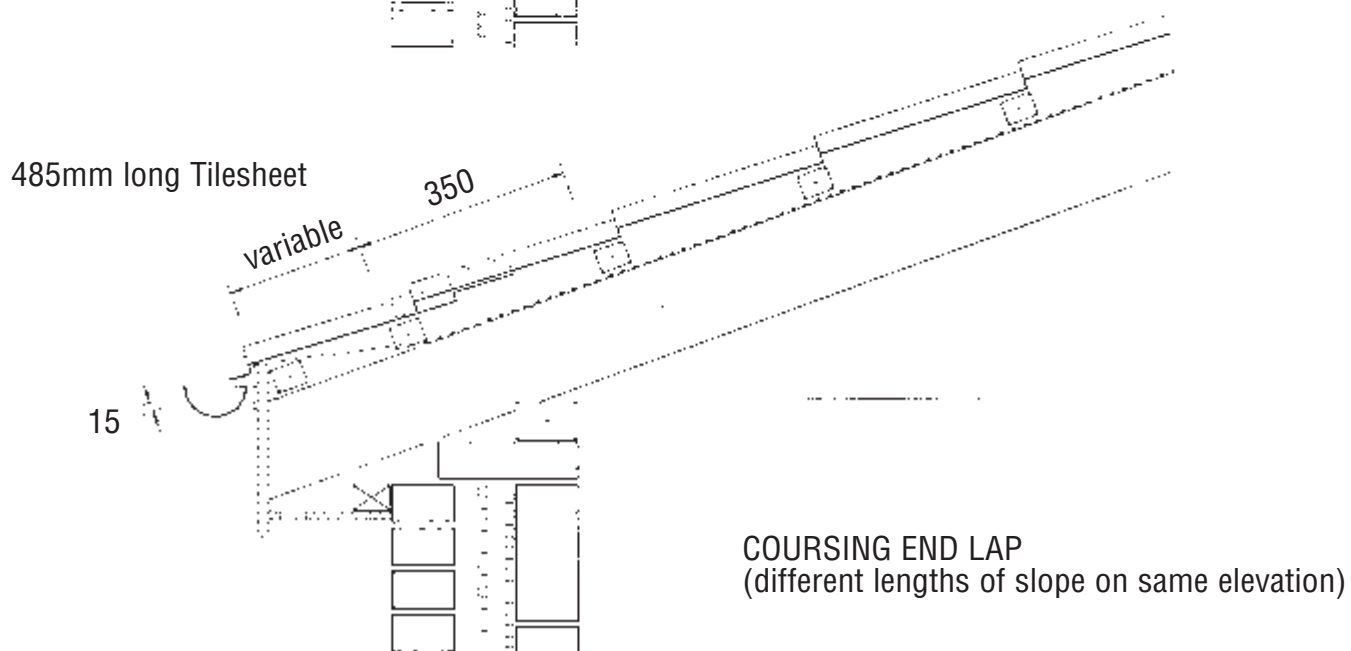
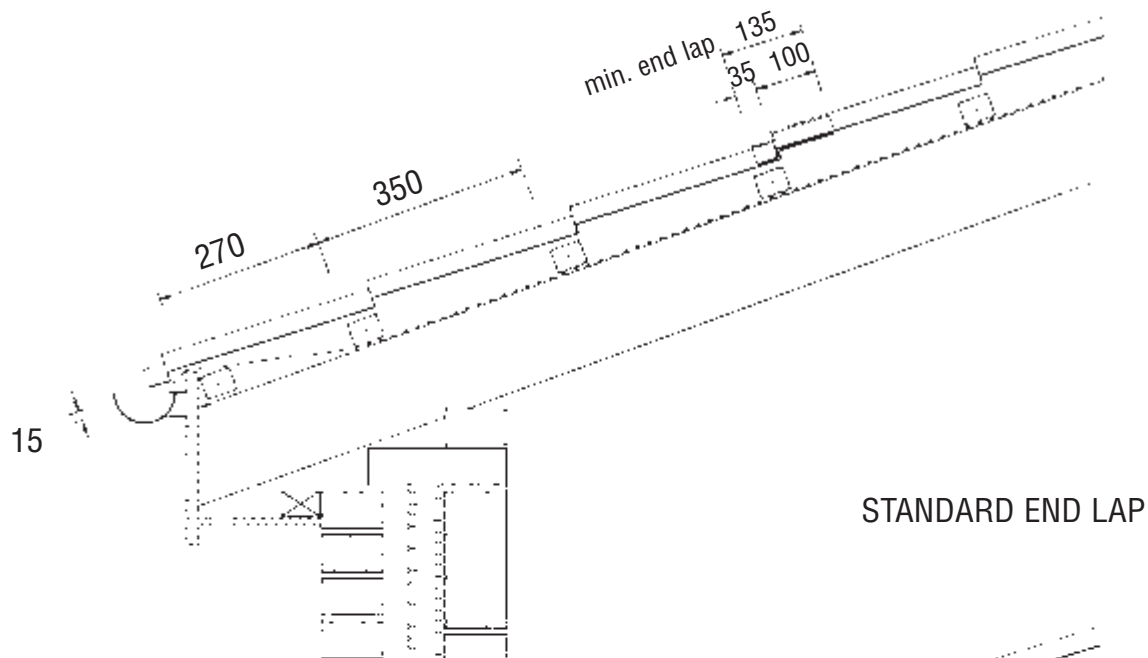


Note: For ventilation at the abutment, leave a 5mm air gap between Felt/Tilesheet connection to wall.

Drawing Number
N / 04.01 / 06

Scale
1:10

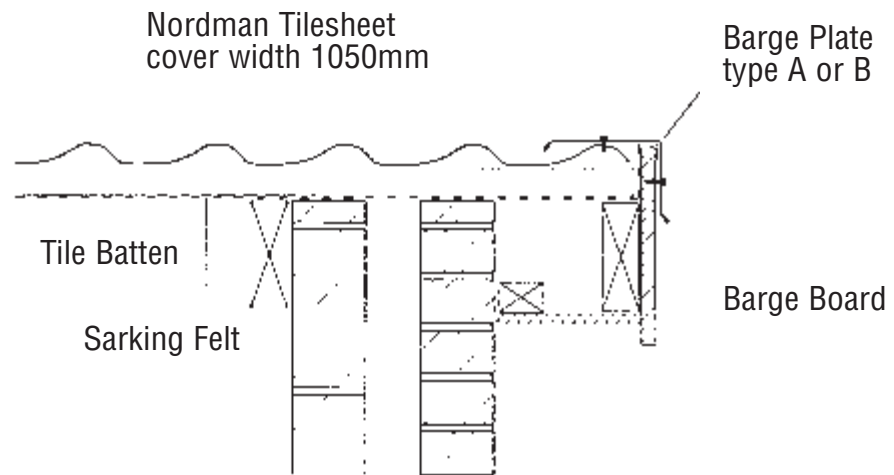
Endlap Details



Drawing Number
N / 04.01 / 07

Scale
1:10

Verge Detail



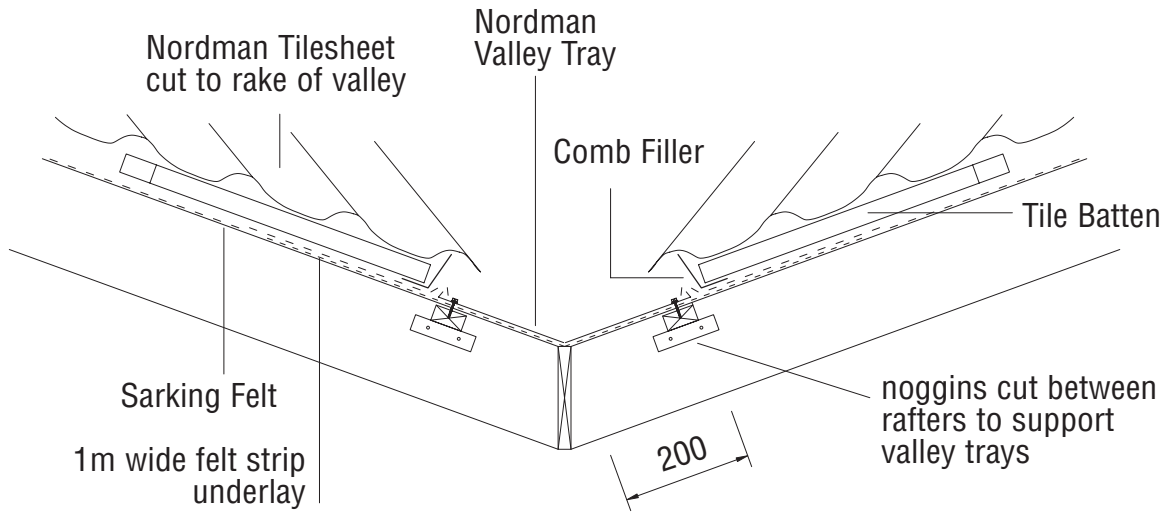
Type 'A' Barge Plate = 110mm deep

Type 'B' Barge Plate = 142mm deep

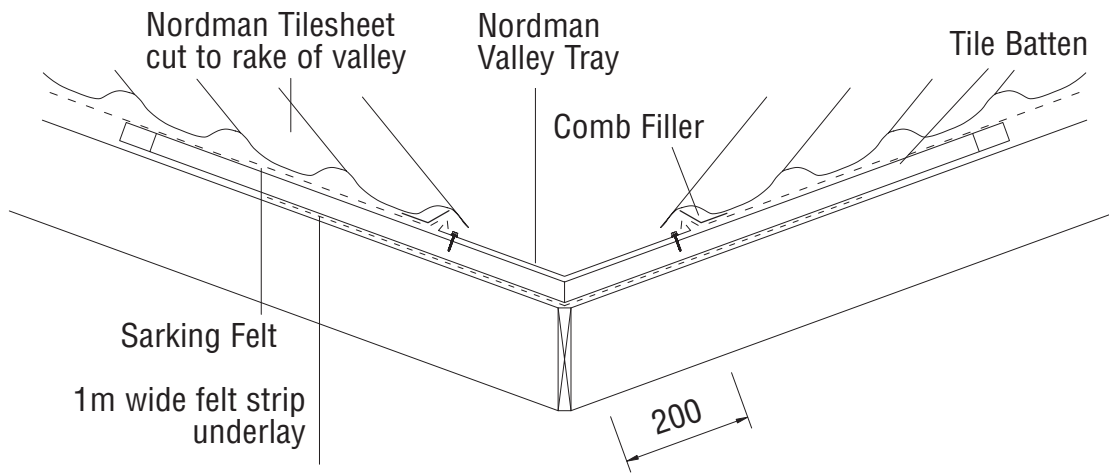
Drawing Number
N / 04.01 / 08

Scale
1:10

Valley Details



VALLEY TRAY SITTING ON RAFTERS



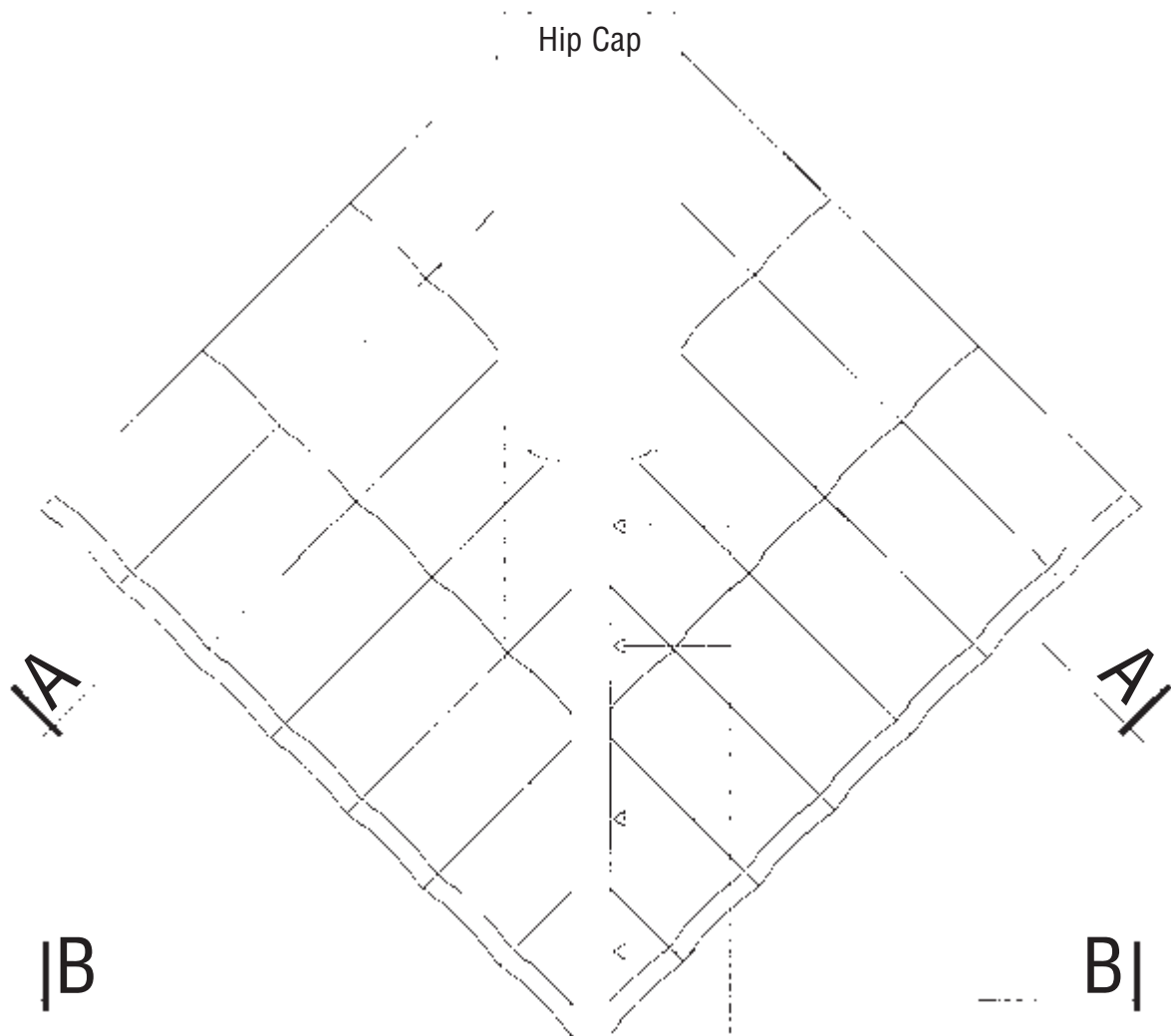
VALLEY TRAY SITTING ON BATTENS

Drawing Number
N / 04.01 / 09

Scale
1:10

Hip Details (a)

Plan



Nordman Tilesheet
cut to rake at hip

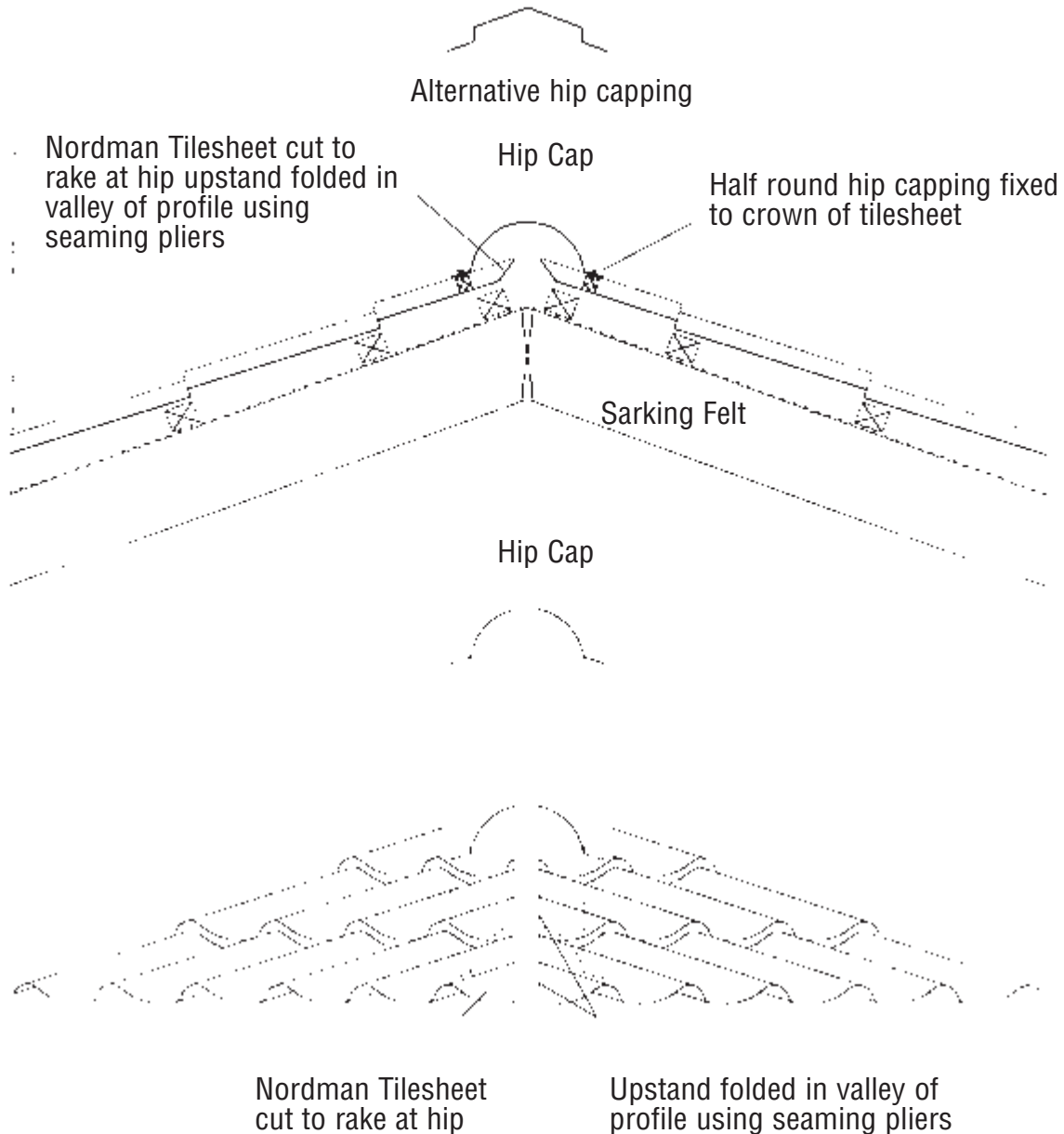
Upstand folded in valley of
profile using seaming pliers

Drawing Number
N / 04.01 / 10a

Scale
1:10

Hip Details (b)

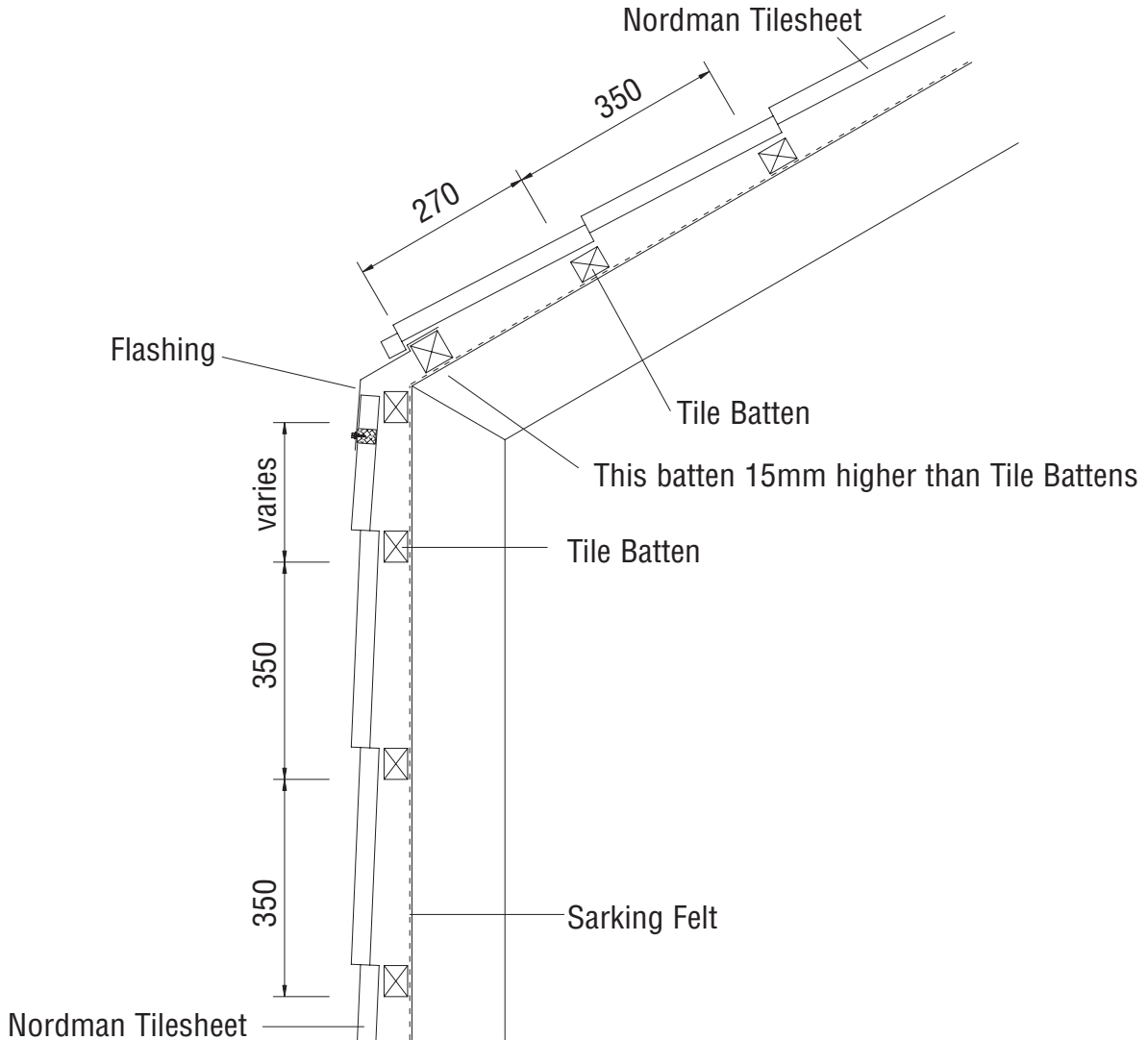
Section and Elevation



Drawing Number
N / 04.01 / 10b

Scale
1:10

Mansard Roof Details



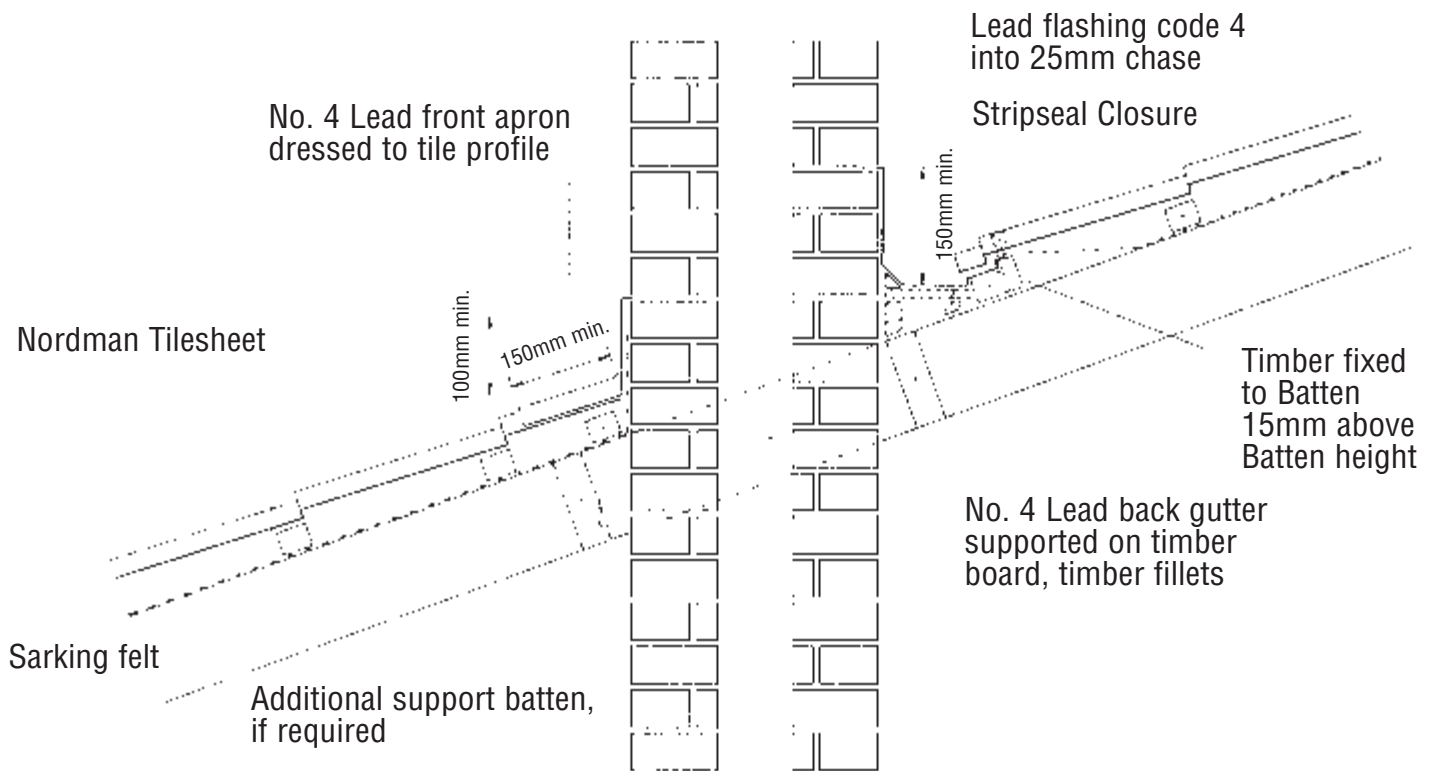
Note: Mansard Flashings are produced to suit individual roof pitches

Drawing Number
N / 04.01 / 11

Scale
1:10

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Chimney Section

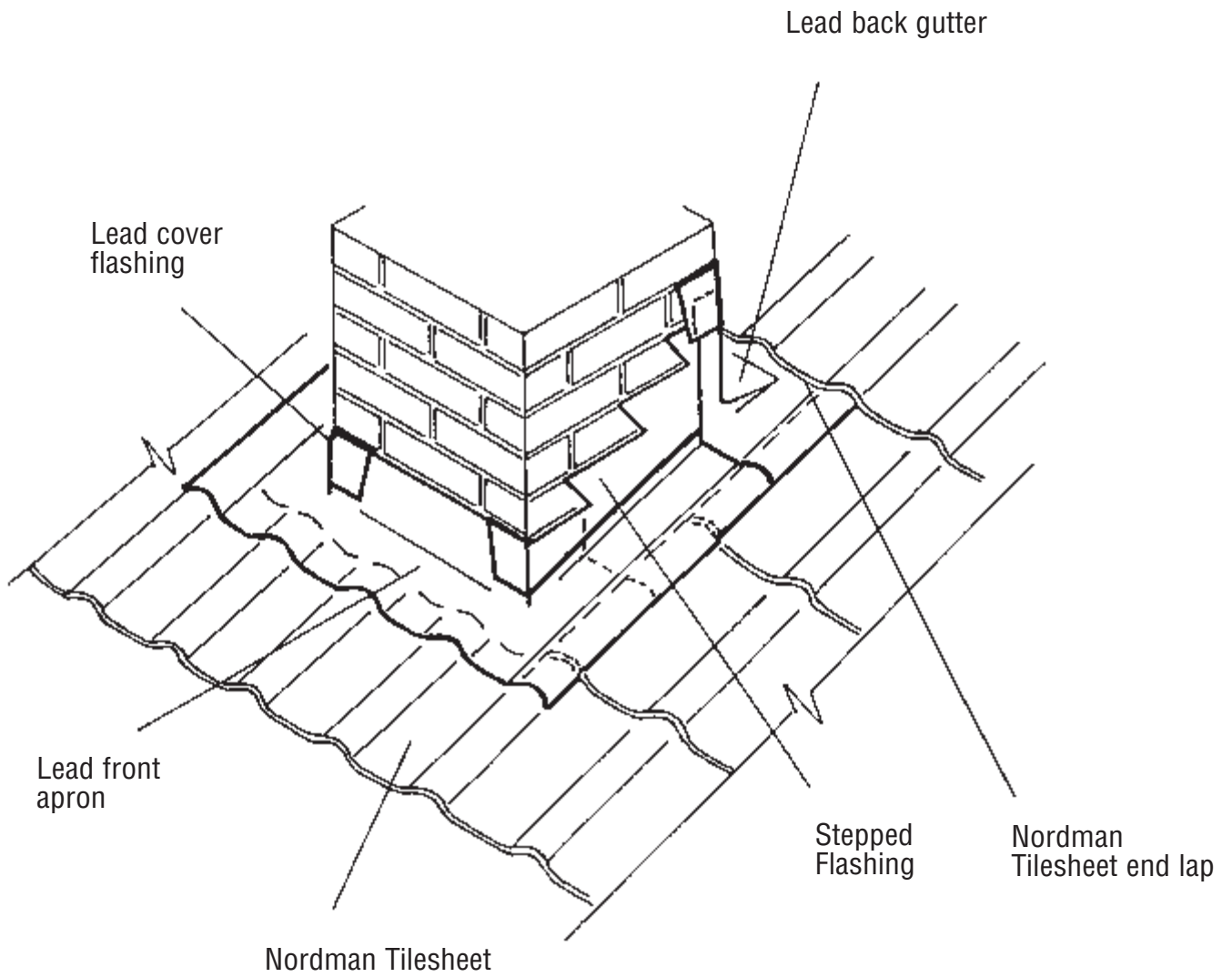


Note: Fix P.V.C. Barrier between underside of Tilesheet & Lead Valley

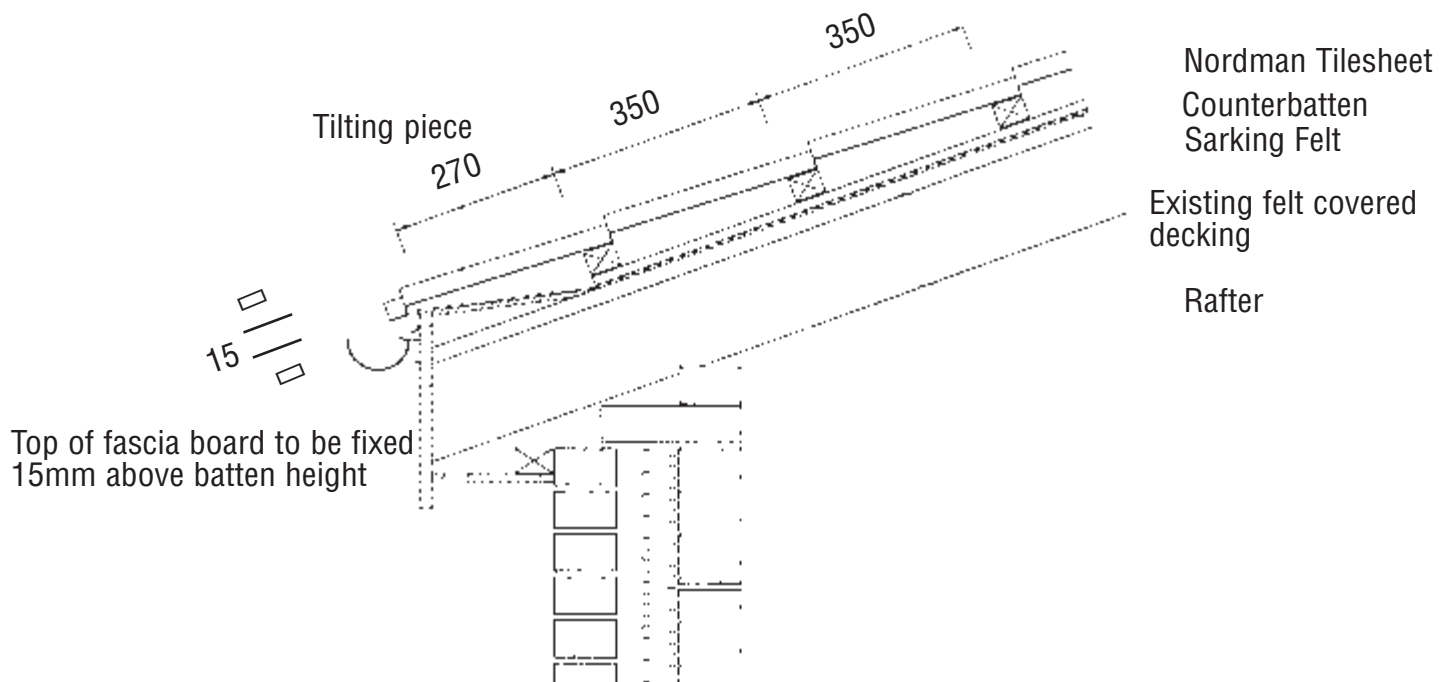
Drawing Number
N / 04.01 / 012

Scale
1:10

Chimney Detail



Over-roofing Existing Felt Roofing



Note: Remove all chippings

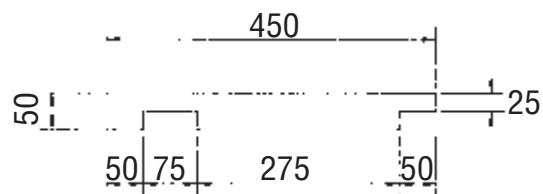
Check underlay for damage and repair or renew if necessary

Check decking for damage and repair or renew if necessary

Drawing Number
N / 04.01 / 014

Scale
1:10

Batten Spacer



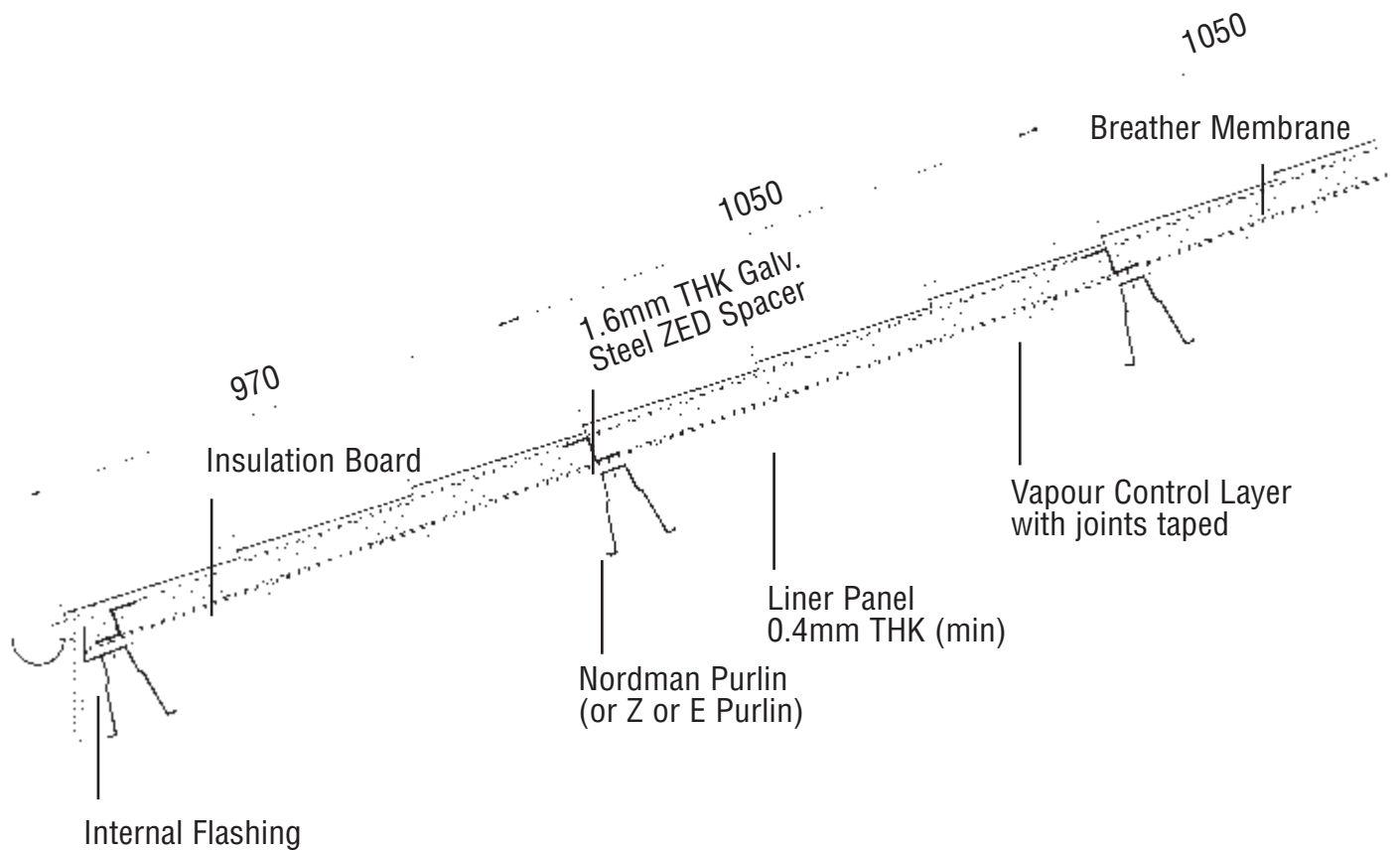
Stripseal closure

Tile batten spacing can be made simple and accurate, by using the spacer shown above

Drawing Number
N / 04.01 / 015

Scale
1:10

Double Skin Insulated Roof



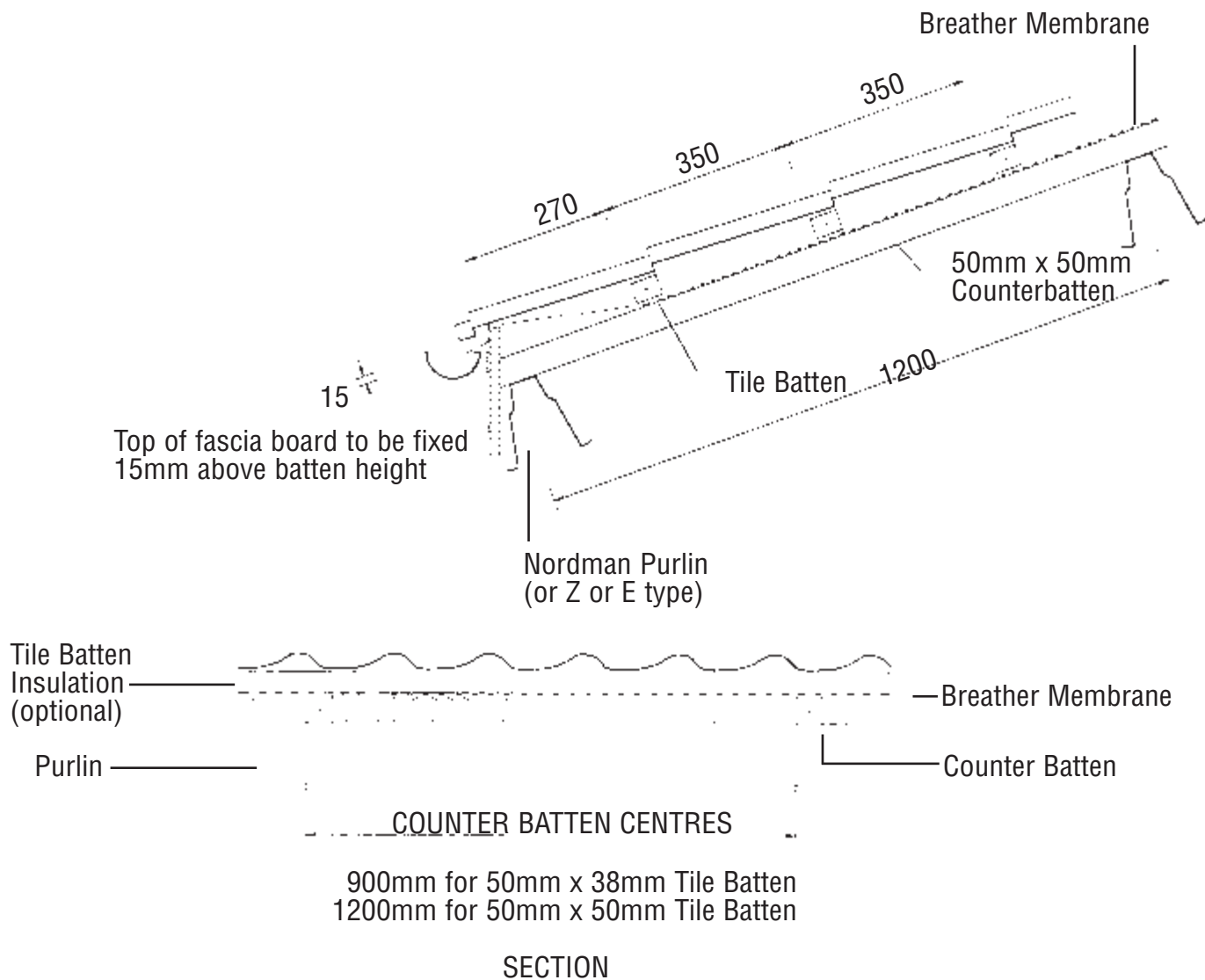
Note: By using insulation board the Nordman Tilesheet is protected from heavy point loads between primary fixings at 1050mm. The Nordman Tilesheet side laps should be stitched at 350mm.

Drawing Number
N / 04.01 / 016

Scale
1:10

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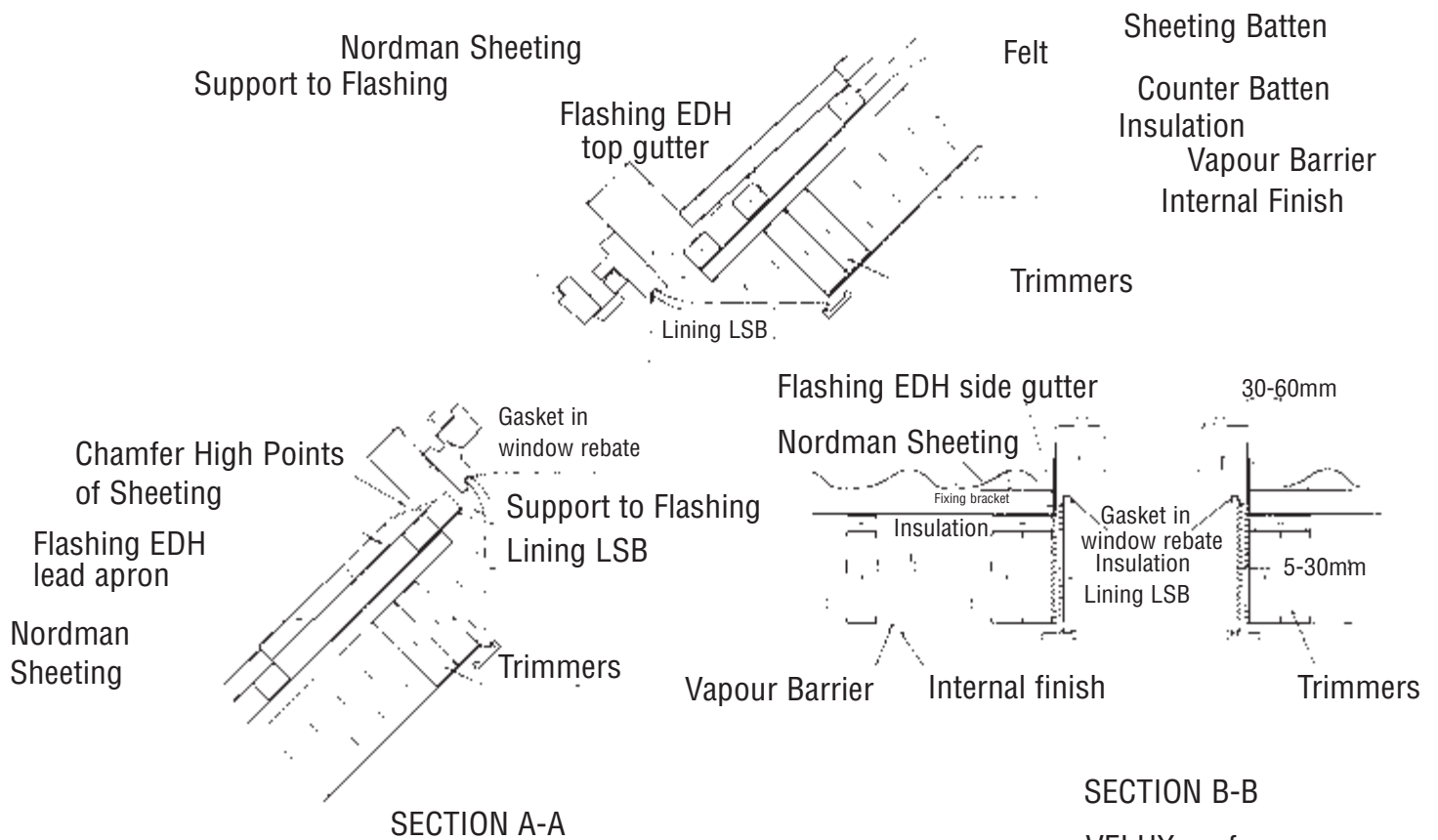
Fixing to Purlins



Drawing Number
N / 04.01 / 017

Scale
1:10

Velux Fitting



CUTTING PROCEDURE

For full sheet below window.

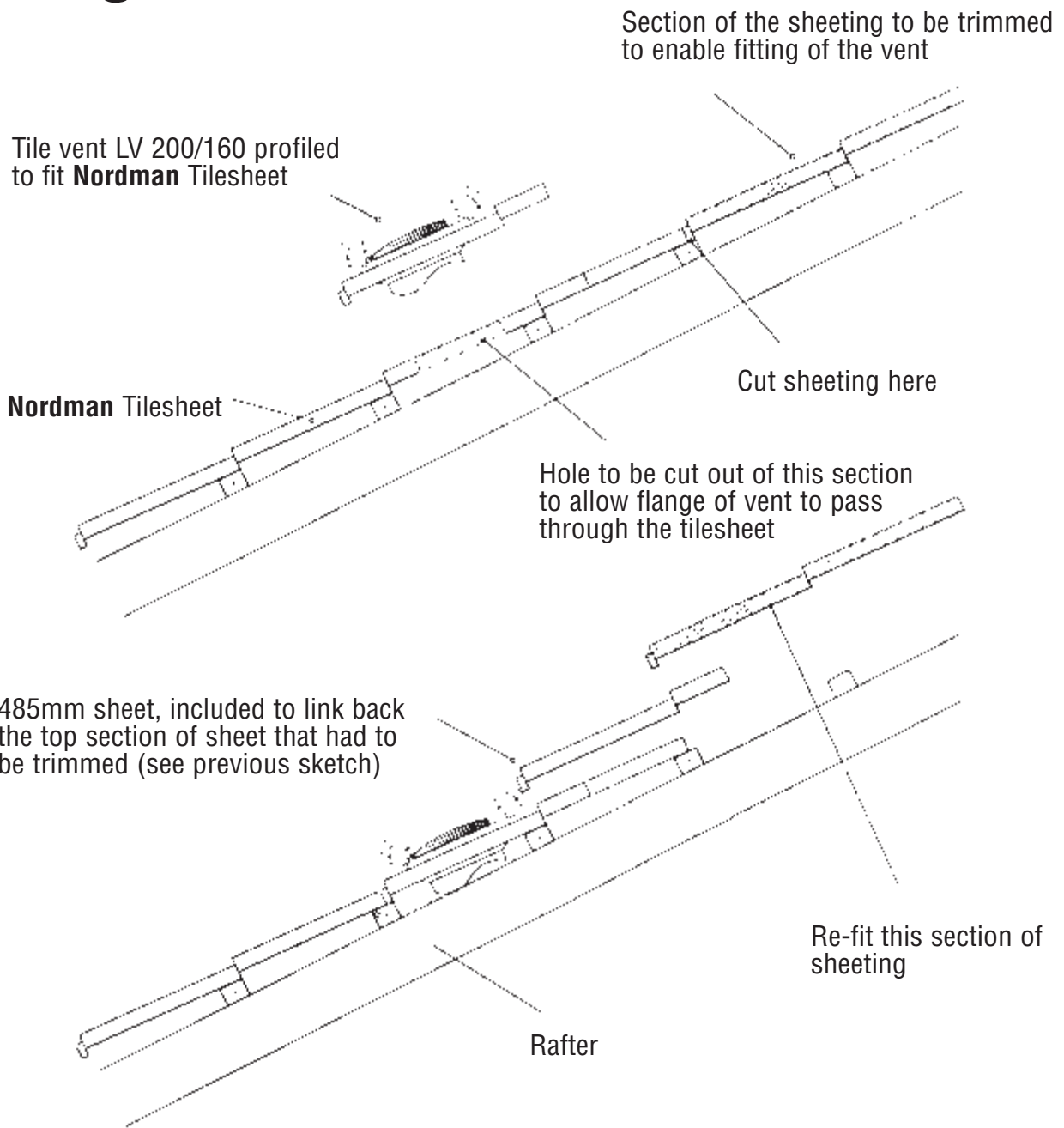
In cases where a full sheet is not possible contact **NORDMAN** for further details.

-
1. Position and fix VELUX roof windows.
 2. Position and fix EDH flashing. Dress lead apron over sheeting.
 3. Position and fix remainder of sheeting.
 4. Install the sheeting to below window allowing for the distances shown.

Drawing Number
N / 04.01 / 018

Scale
1:10

Fitting Vents (b)



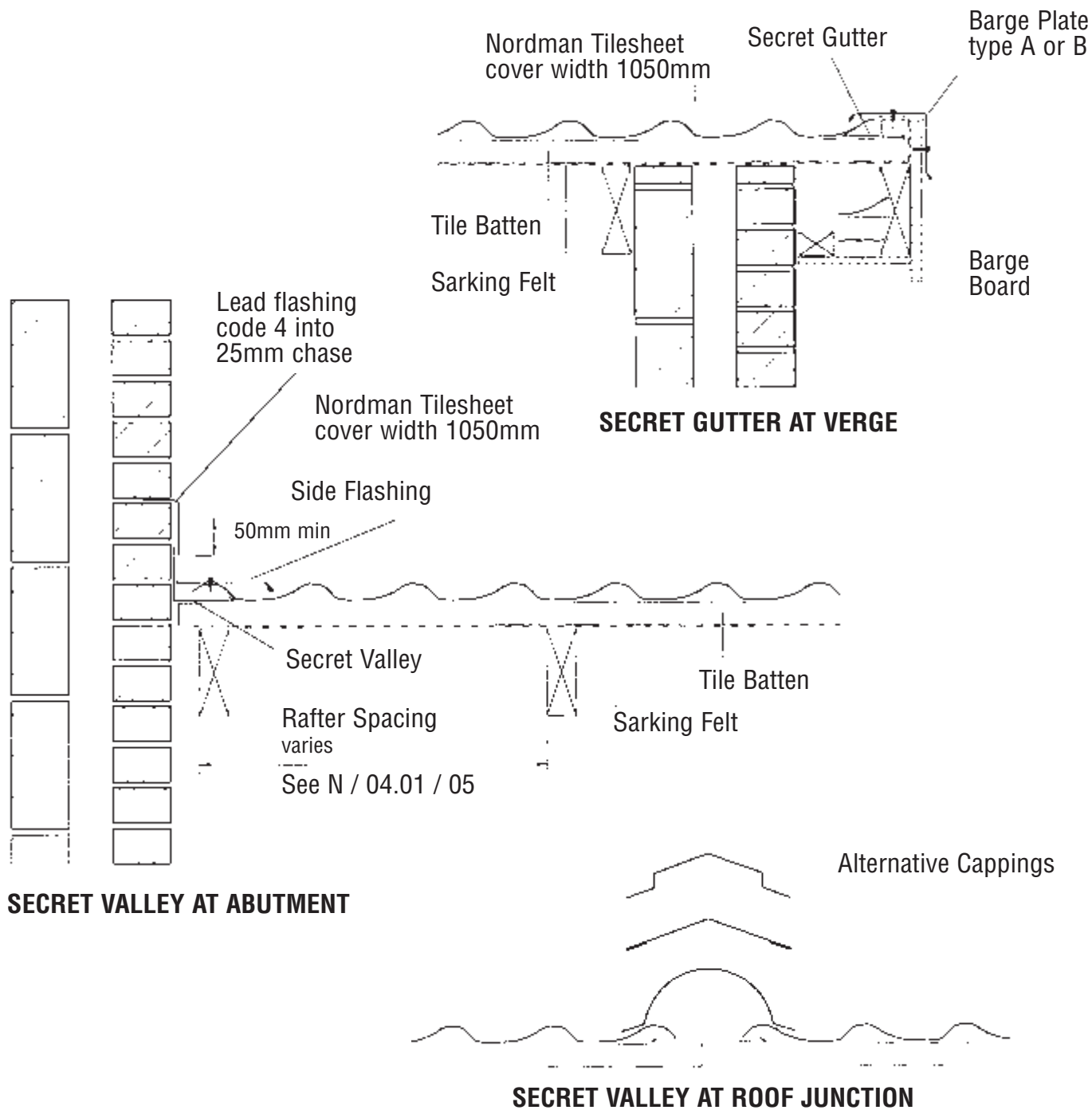
Fitting Detail: Tile vent to tilesheet
(where sheeting has already been fitted)

Drawing Number
N / 04.01 / 19

Scale
1:10

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Secret Gutter / Valley



Drawing Number
N / 04.01 / 020

Scale
1:10

Nordman Tilesheet Rooflight In Polycarbonate

Description

Produced to match the steel tilesheet using 2mm diffused UV enhanced polycarbonate

Size

1.185mm long x 1050mm wide

Safety

Non fragile performance to current CDM (UK) legislation

Light Transmission

Single skin 85 - 90%

Temperature Range

-40° to 120°C

Tile Performance

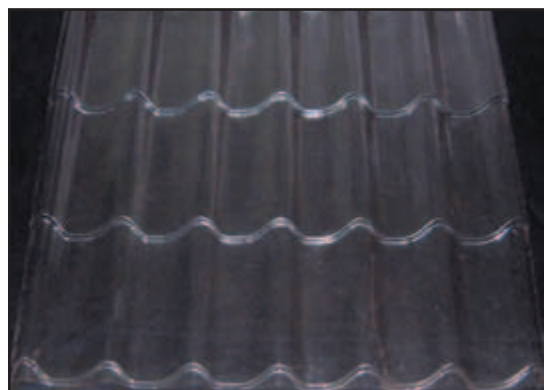
BS 476 Part 7 - Class 1 Y

Weight

2.4kg/m²



Pyramid Roof Light



Tile Effect Roof Light

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