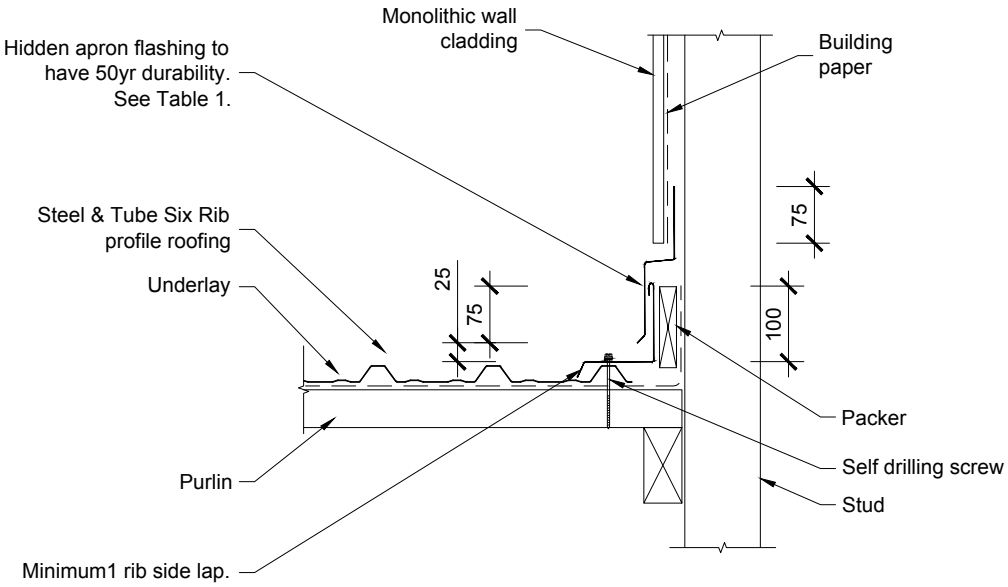
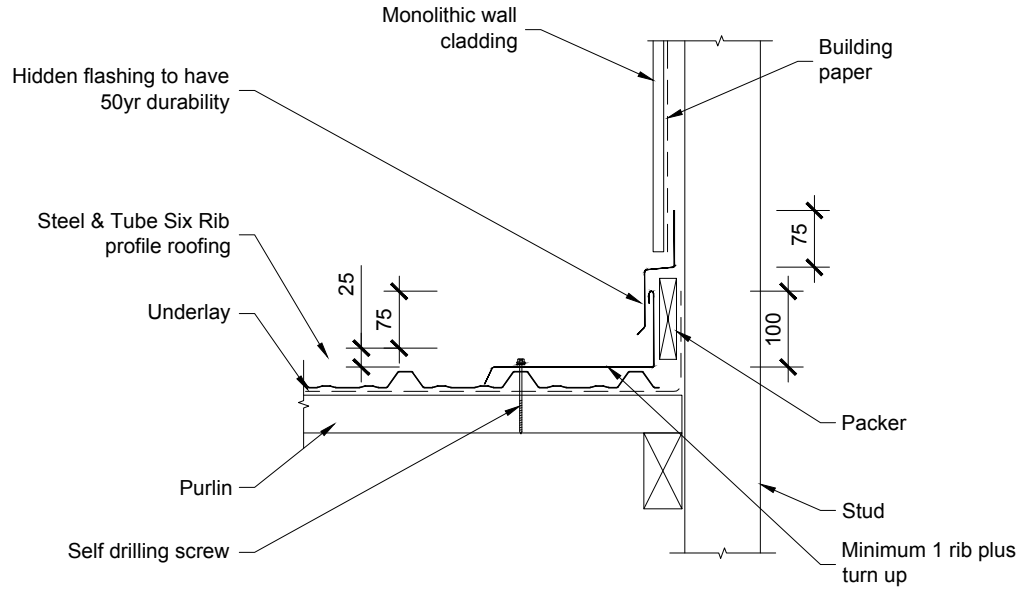


LOW / MEDIUM / HIGH WIND ZONES WHERE PITCH ⩾ 10°

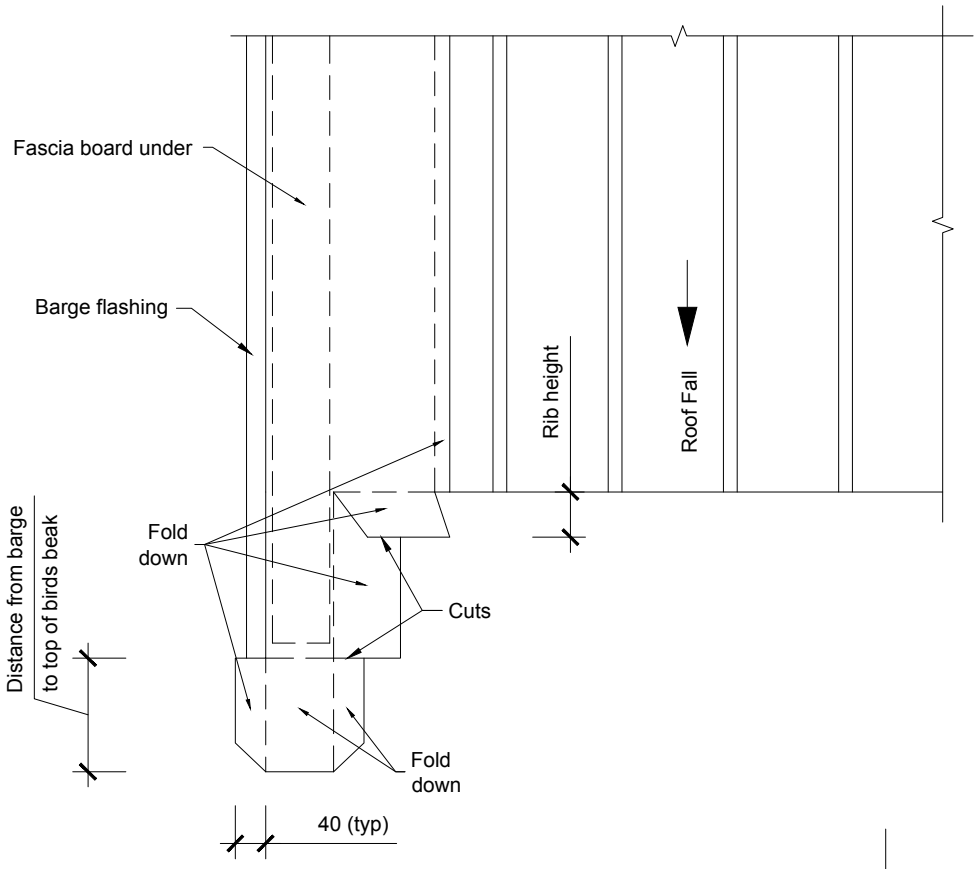


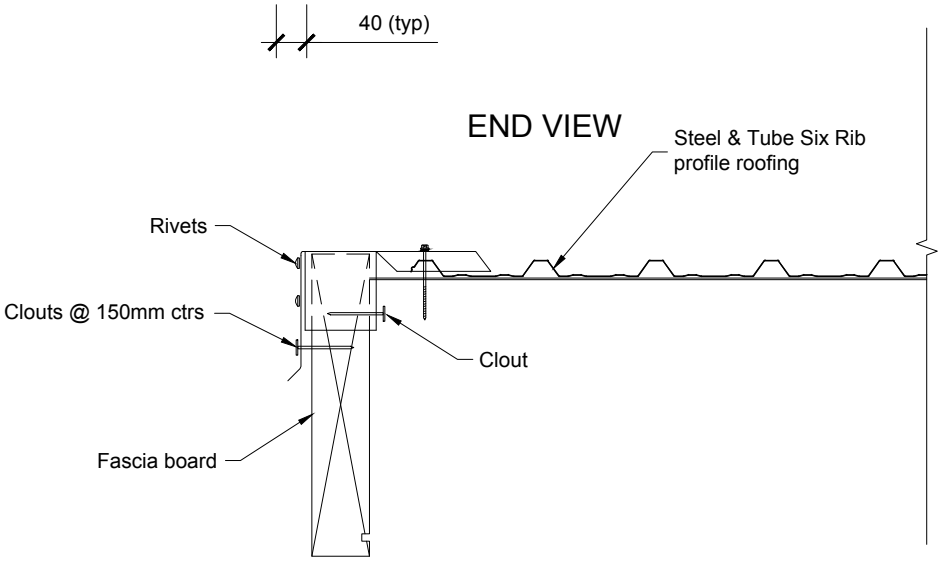
VERY HIGH WIND ZONES WHERE PITCH ⩾ 10°
ALL WIND ZONES WHERE PITCH < 10°

ribb_six_rib-apro_flash

Rib Profile Apron Flashing (two Piece)
Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12



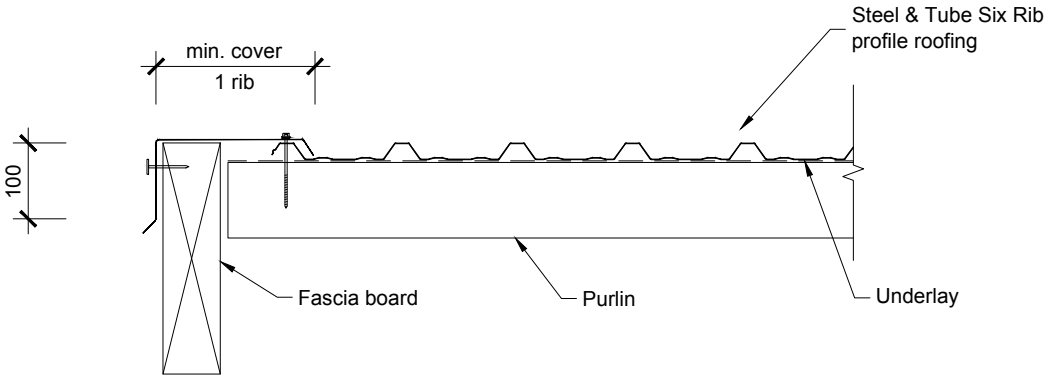


ribb_six_rib-barg_cut

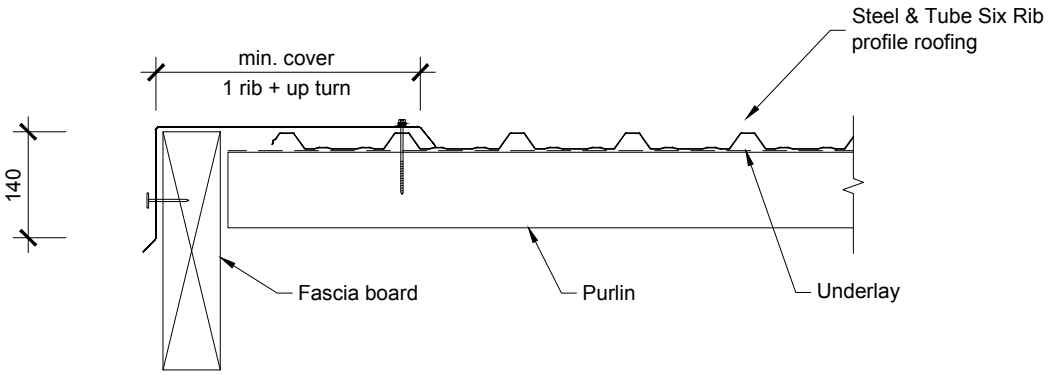
Rib Profile Barge Eaves Detail

Plan View

All dimensions in millimetres
Scale 1:10
16/01/12



LOW / MEDIUM / HIGH WIND ZONES WHERE PITCH ⩾ 10°

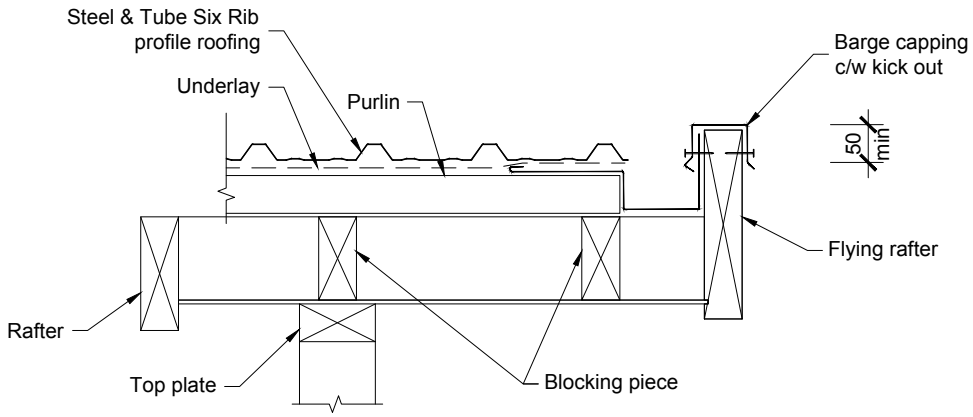


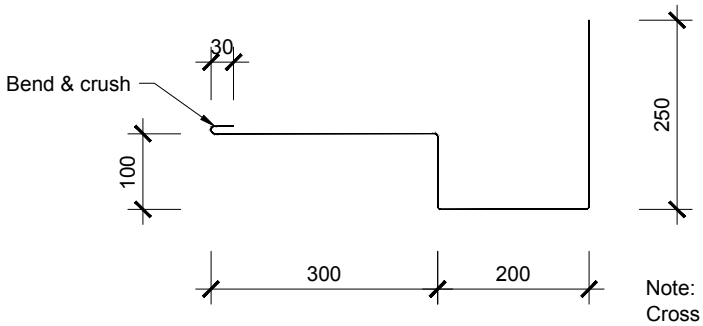
VERY HIGH WIND ZONES WHERE PITCH ⩾ 10°
ALL WIND ZONES WHERE PITCH < 10°

ribb_six_rib-barg_flash

Rib Profile Barge Flashing
Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12





Note:
Cross section area: 5000mm ^{2}
Rainwater capacity: 20m ^{2} roofing

BARGE GUTTER DETAIL

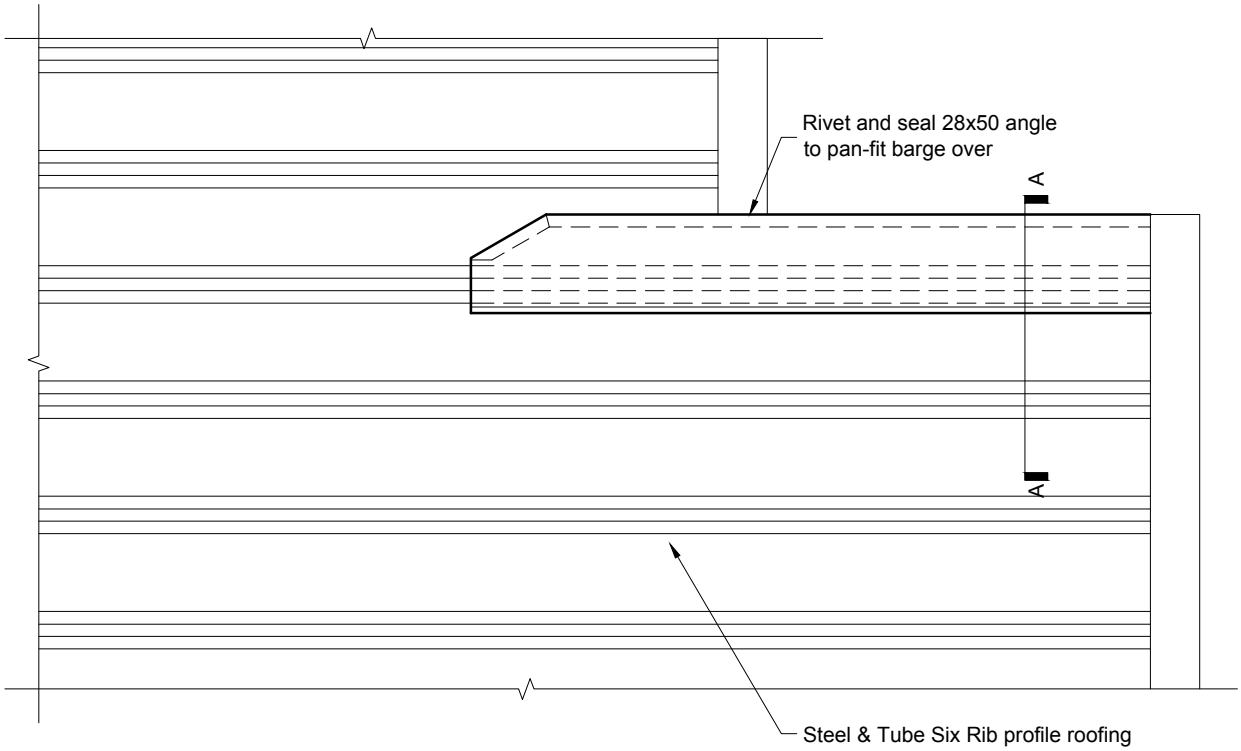
SCALE: 1:5

ribb_six_rib-barg_rake

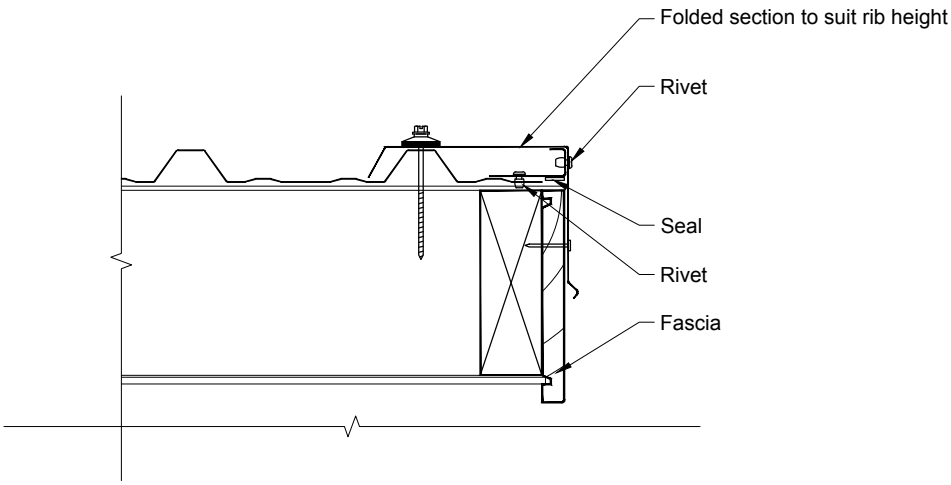
Rib Profile Barge Gutter Raking Barge Or Swiss Gable

Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12



Plan
1:10

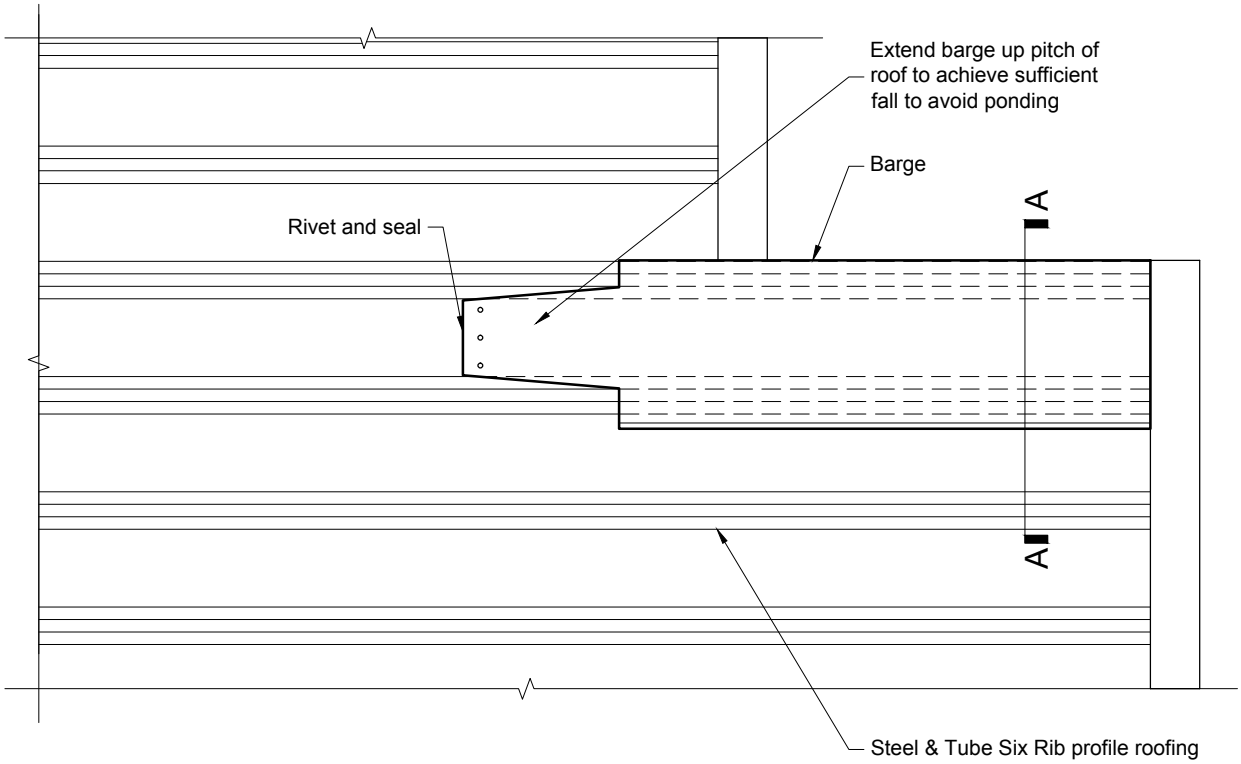


Section AA
1:5

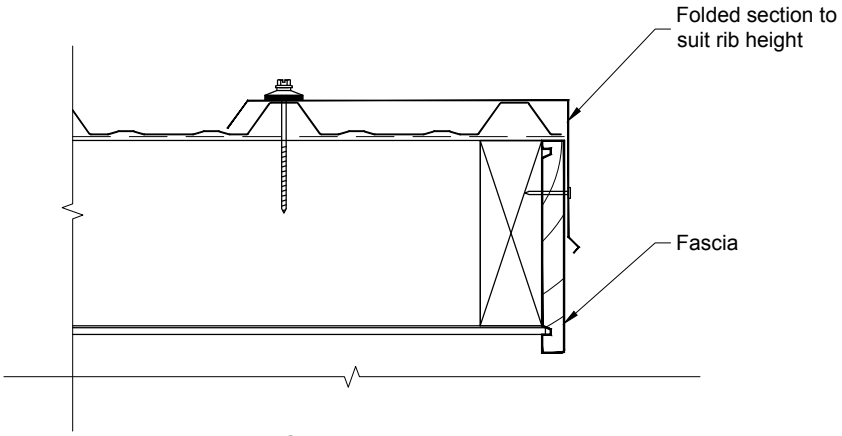
ribb_six_rib-barg_transition

Transition Barge for Rib Profile
Where Rib is Not in Line with Profile

All dimensions in millimetres
Scale 1:10
16/01/12



Section AA
1:10



Section AA
1:5

ribb_six_rib-barg_transition_rib

Transition Barge for Rib Profile
Where Rib is In Line with Barge

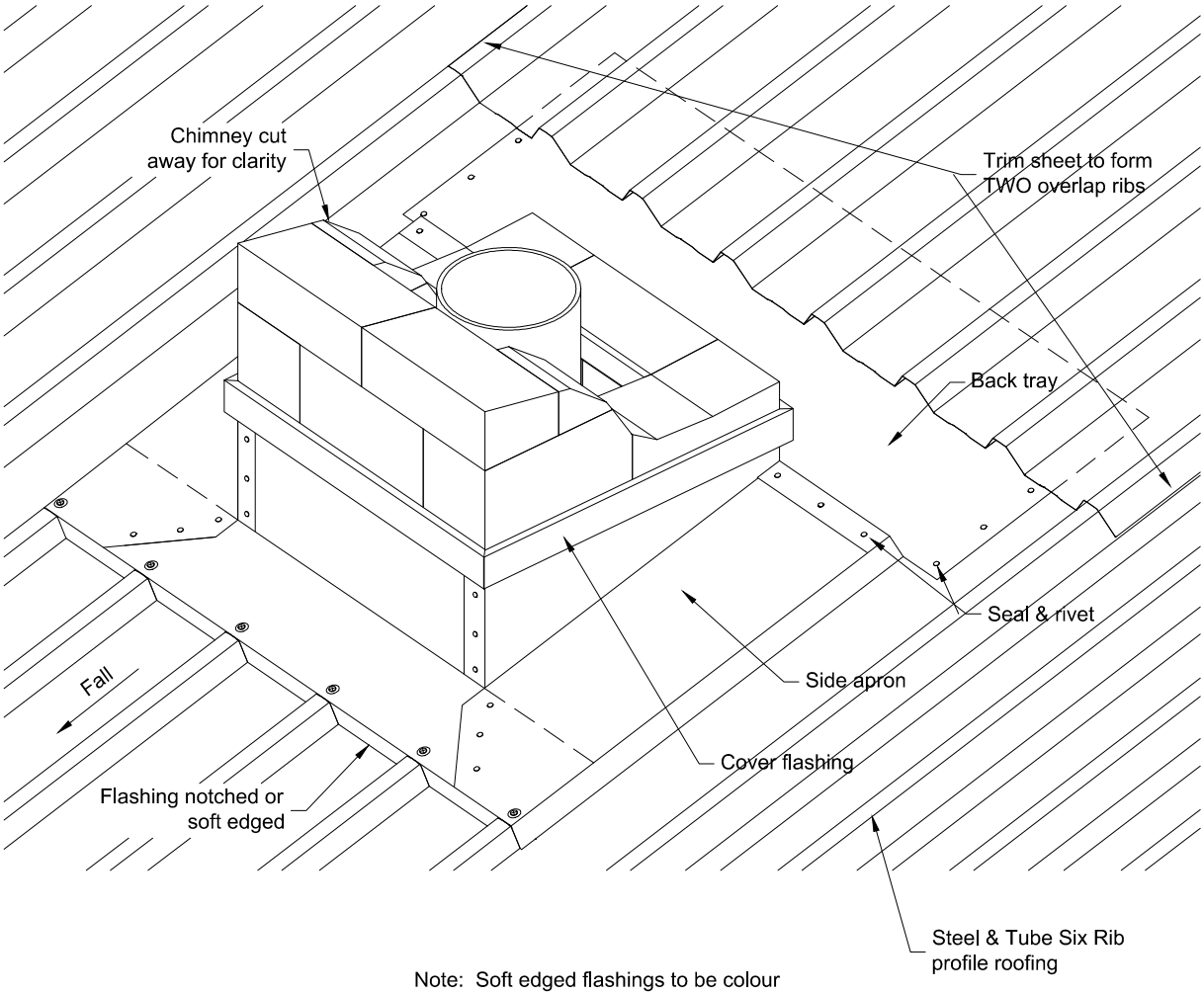
All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Residential Detail
Six Rib

Laying Sequence:

1. Notched apron,
2. Side flashing,
3. Back flashing,
4. Cover flashing,
5. Chase cut flashing over all upstands.



Note: Soft edged flashings to be colour matched prior to installation.

Use back flashing to ridge where possible.

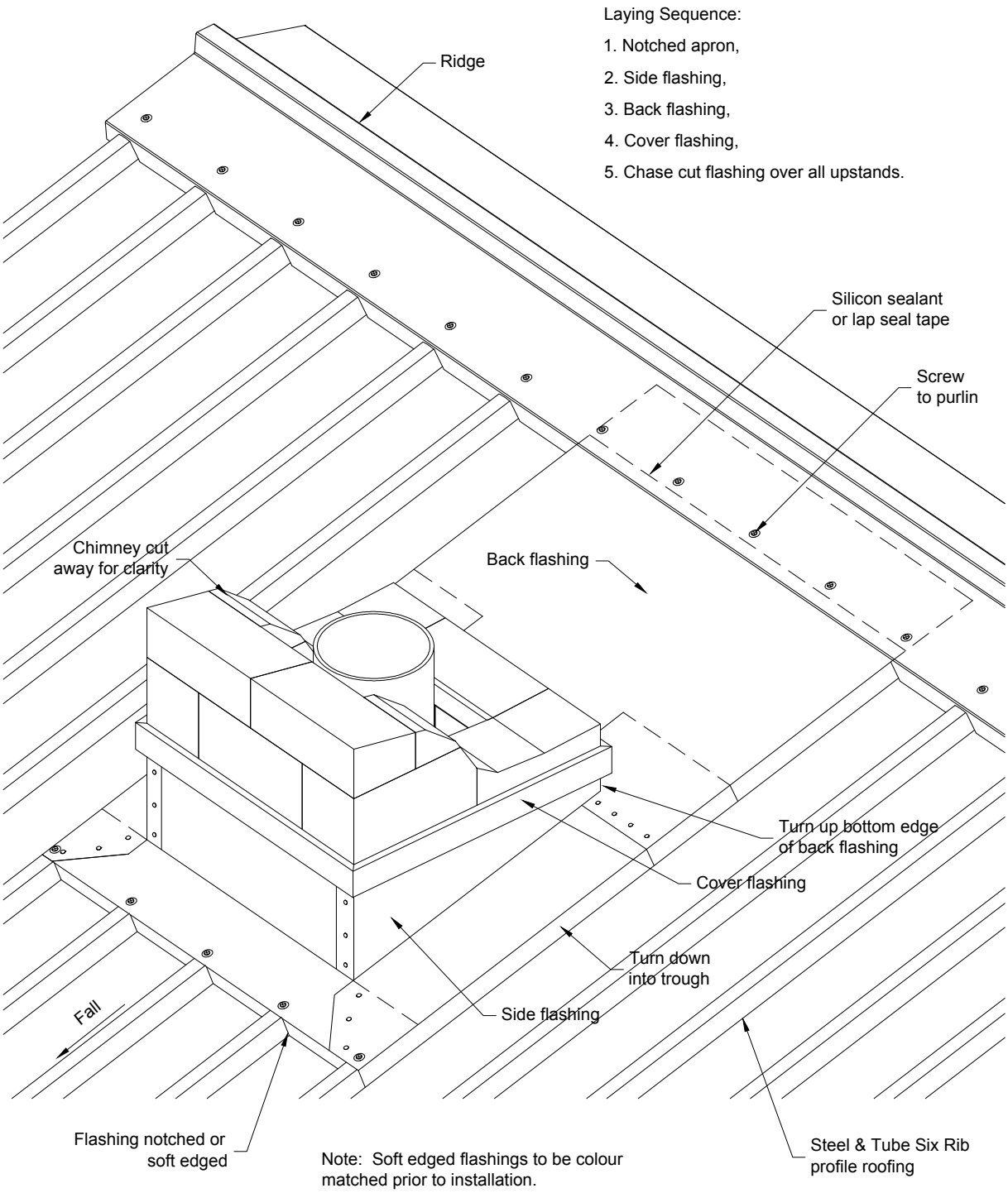
ribb_six_rib-chim_mid

Rib Profile Chimney Flashing

All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Residential Detail
Six Rib



ribb_six_rib-chim_ridge

Rib Profile Chimney Flashing - Back Flashed

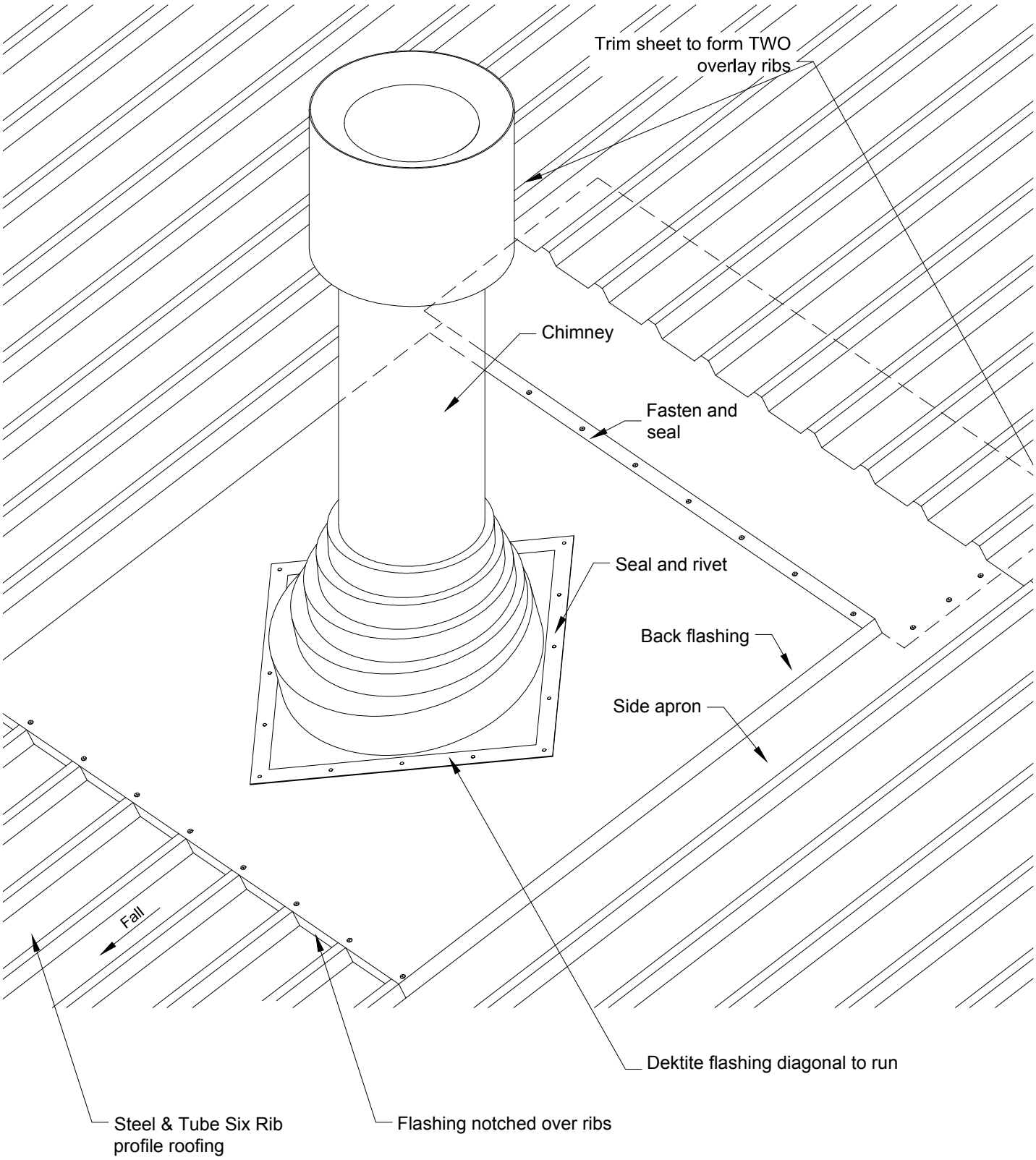
All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: KA20

steel&tube

Roofing
Residential Detail
Six Rib



ribb_six_rib-chim_round_mid

Rib Profile Chimney Flashing - Round Flue
Cross Section

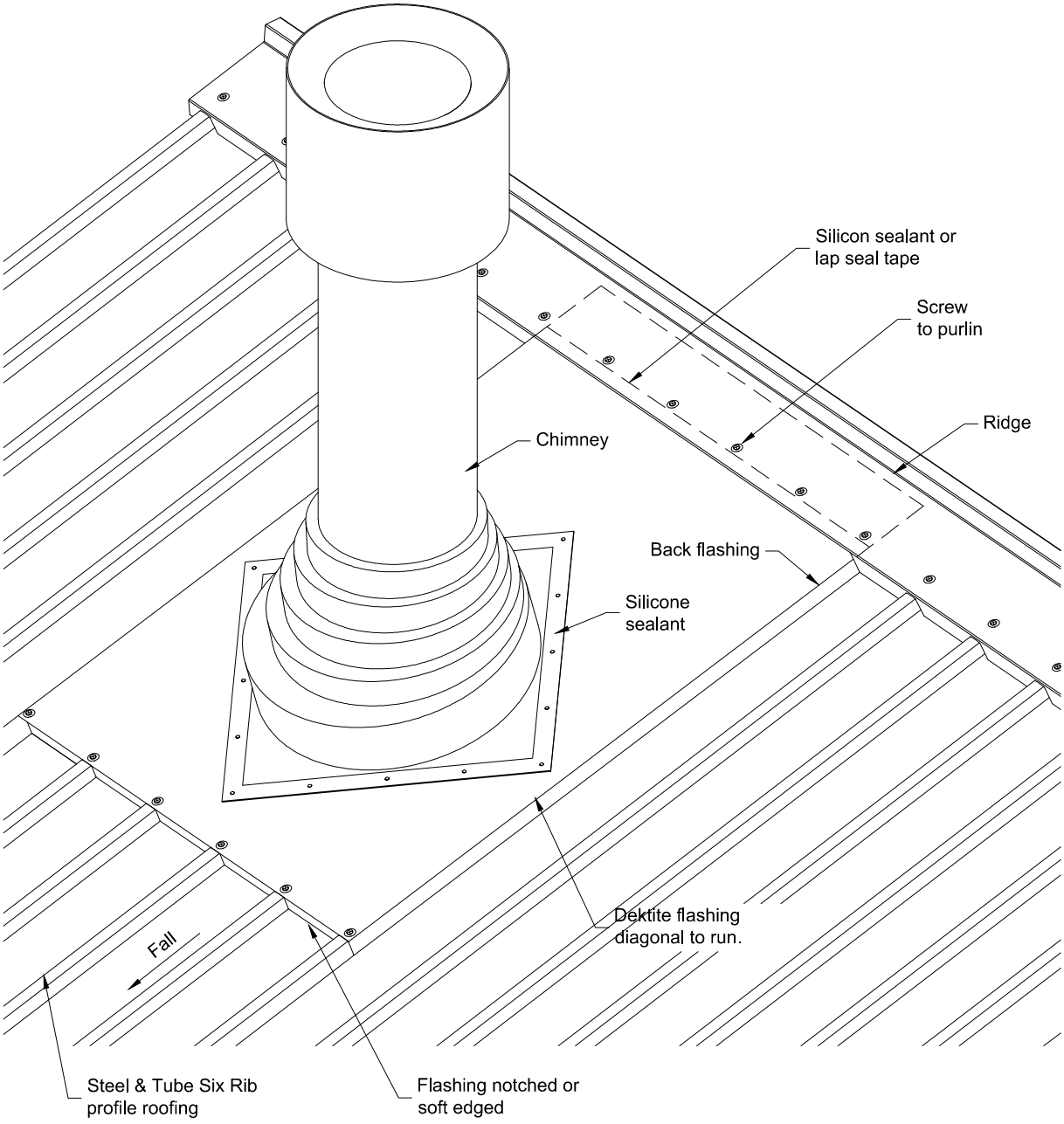
All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: KA18

steel&tube

Roofing
Residential Detail
Six Rib



Note: Soft edged flashings to be colour matched prior to installation.

ribb_six_rib-chim_round_ridge

Rib Profile Chimney Flashing - Round Flue

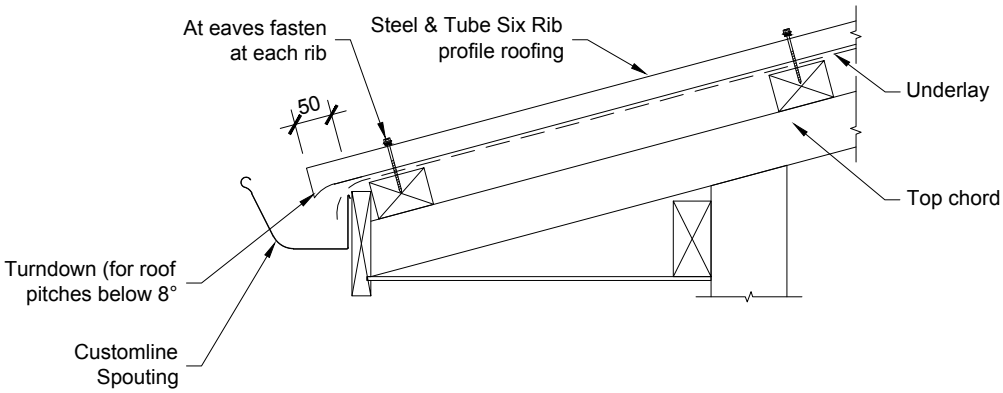
All dimensions in millimetres
Scale 1:10
16/01/12

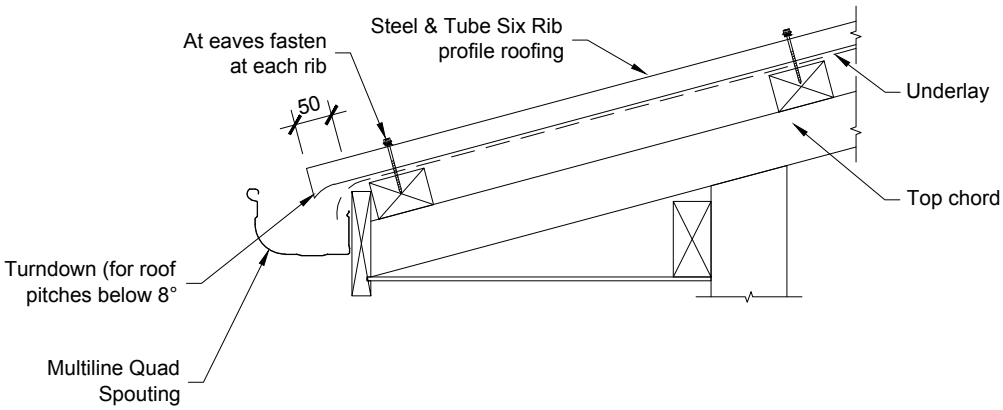
www.steelandtube.co.nz
Technical helpline 0800 333 247

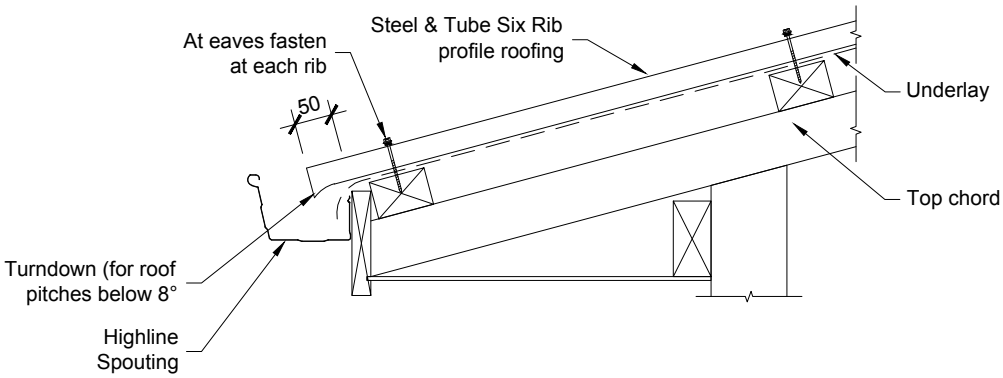
Quick Code: KA19

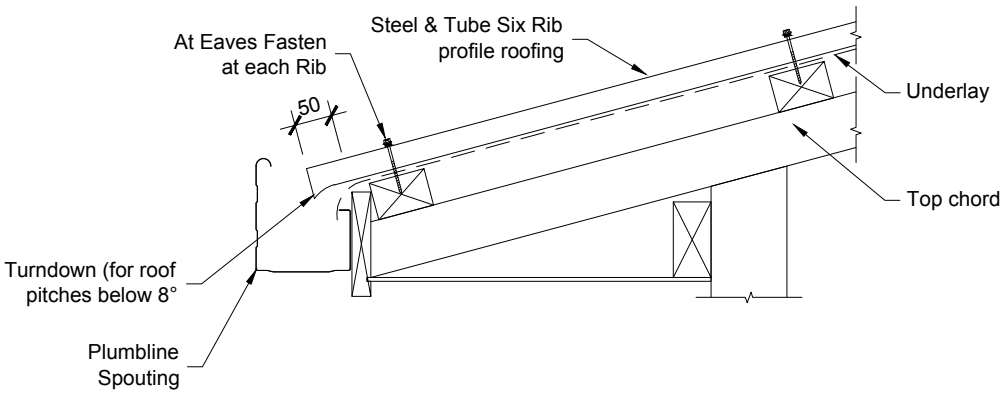
steel&tube

Roofing
Residential Detail
Six Rib





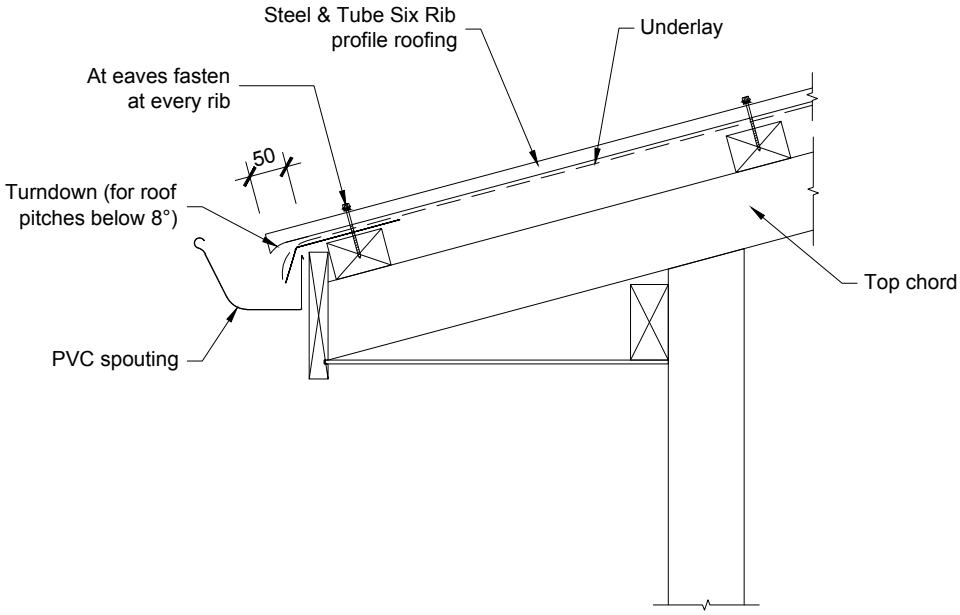




ribb_six_rib-eave_gutter

Rib Profile Eaves Gutter
Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12



Note:
Eaves flashing required for durability in severe marine conditions where PVC or other low front spouting is used.

ribb_six_rib-eave_severe

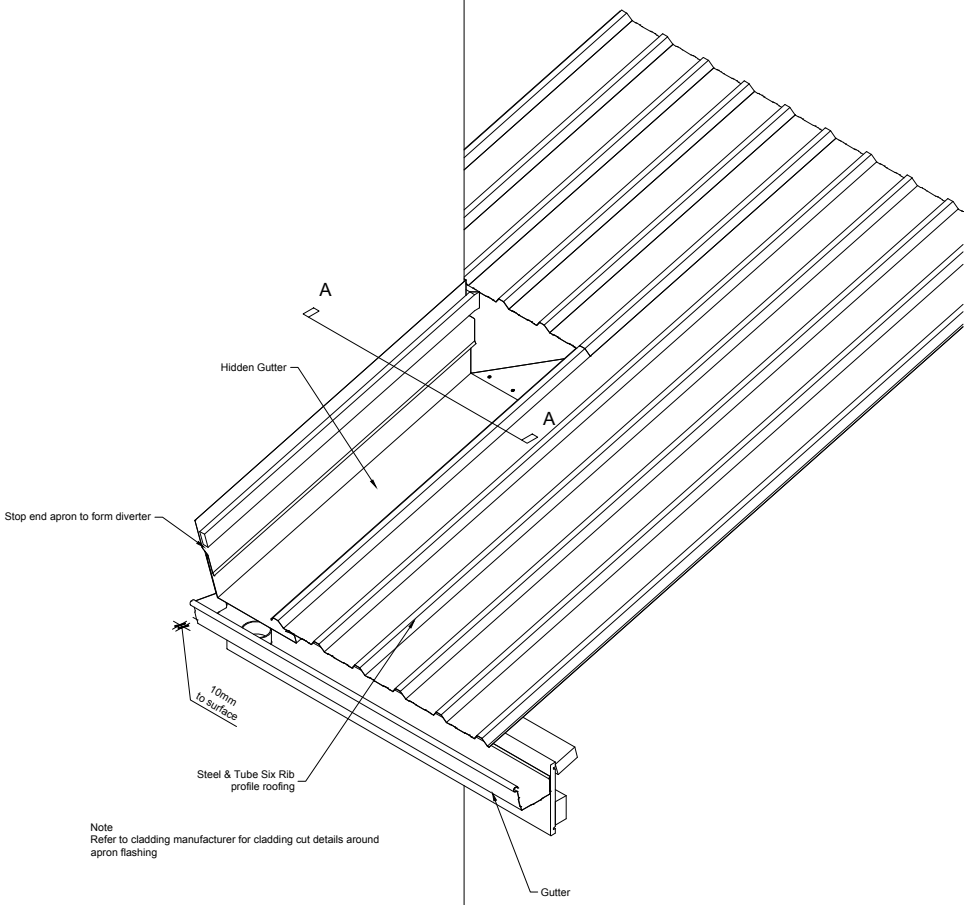
Rib Profile Eaves Gutter - Severe Marine Pvc Spouting

Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Residential Detail
Six Rib



Note
Refer to cladding manufacturer for cladding cut details around apron flashing

ribb_six_rib-gutt_hidden

Hidden Gutter
Isometric View

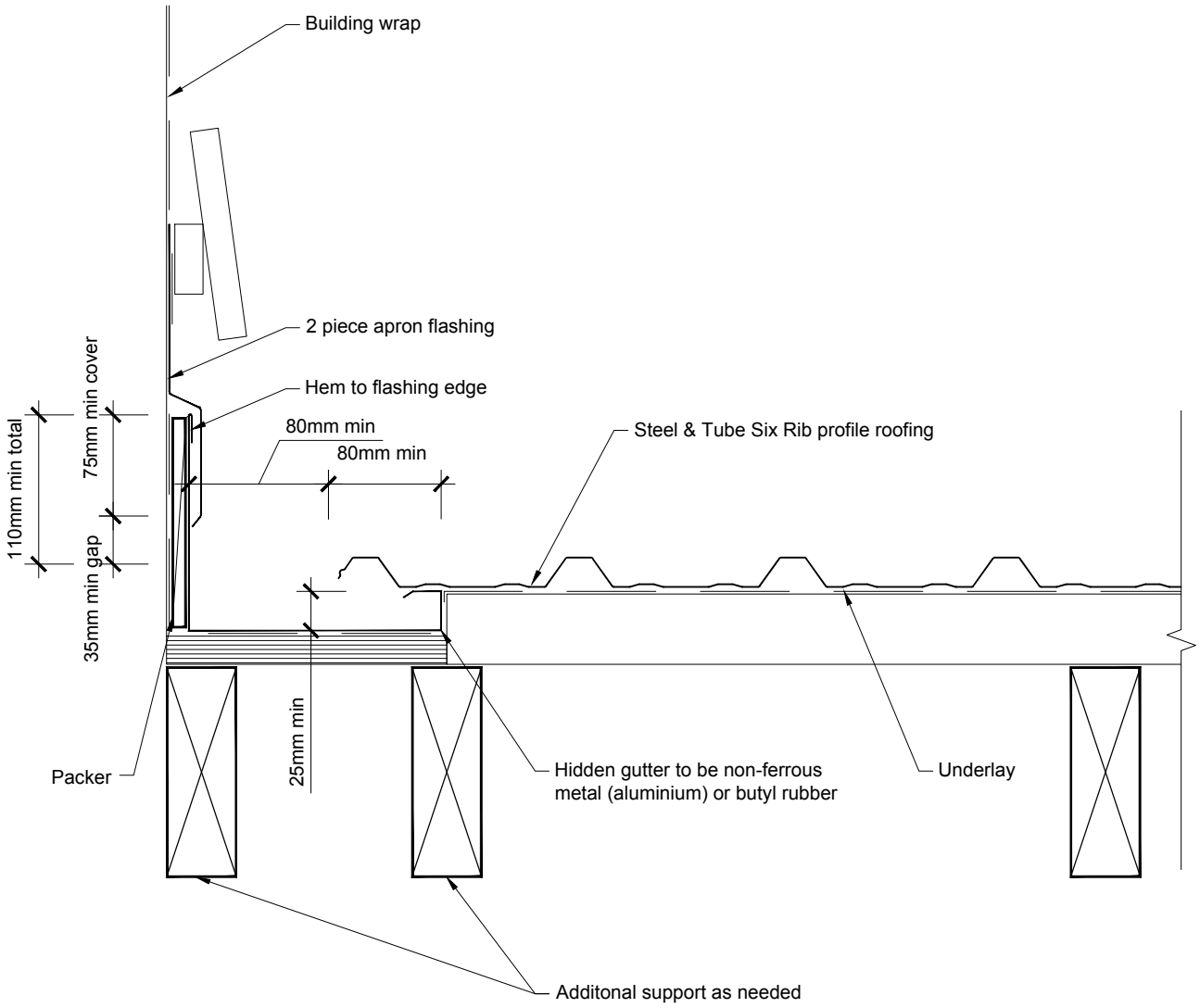
All dimensions in millimetres
Scale 1:20
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: KA04

steel&tube

Roofing
Residential Detail
Six Rib



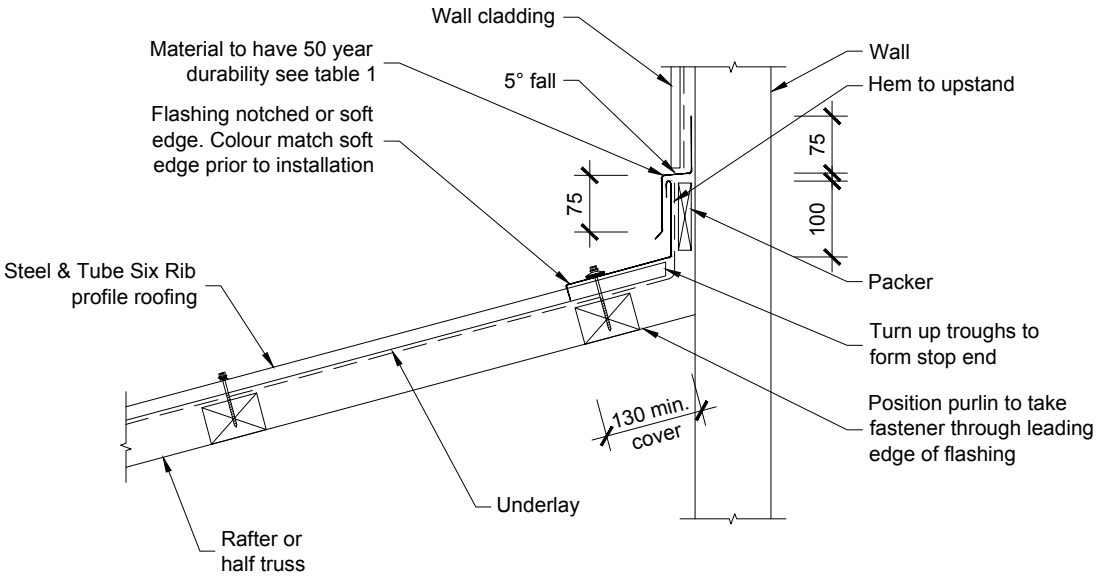
ribb_six_rib-gutt_sect_aa

Hidden Gutter
Section AA

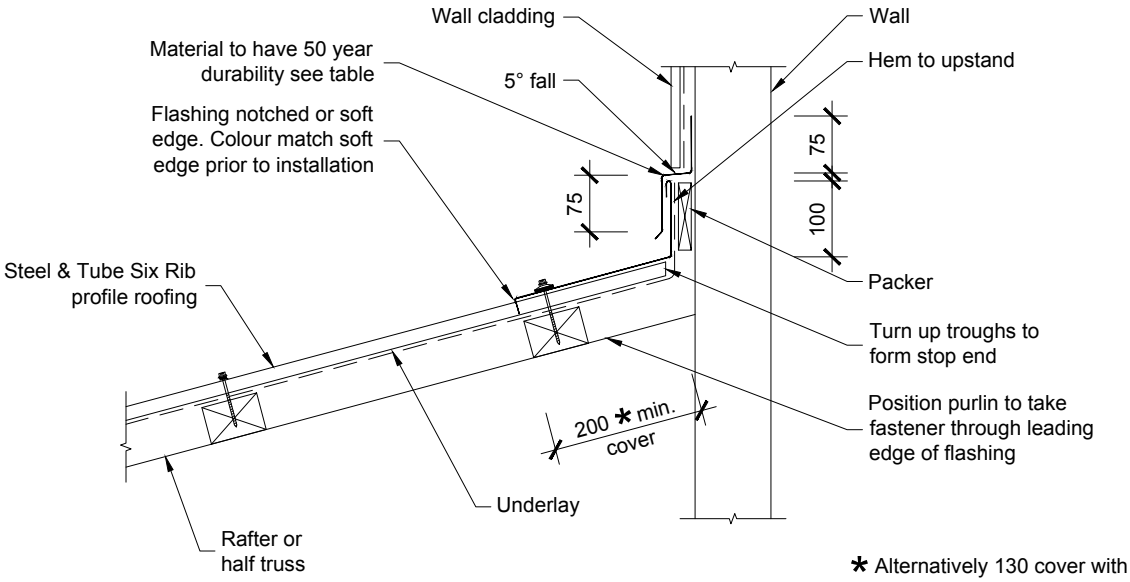
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: KA05



LOW / MEDIUM / HIGH WIND ZONES WHERE PITCH ⩾10°



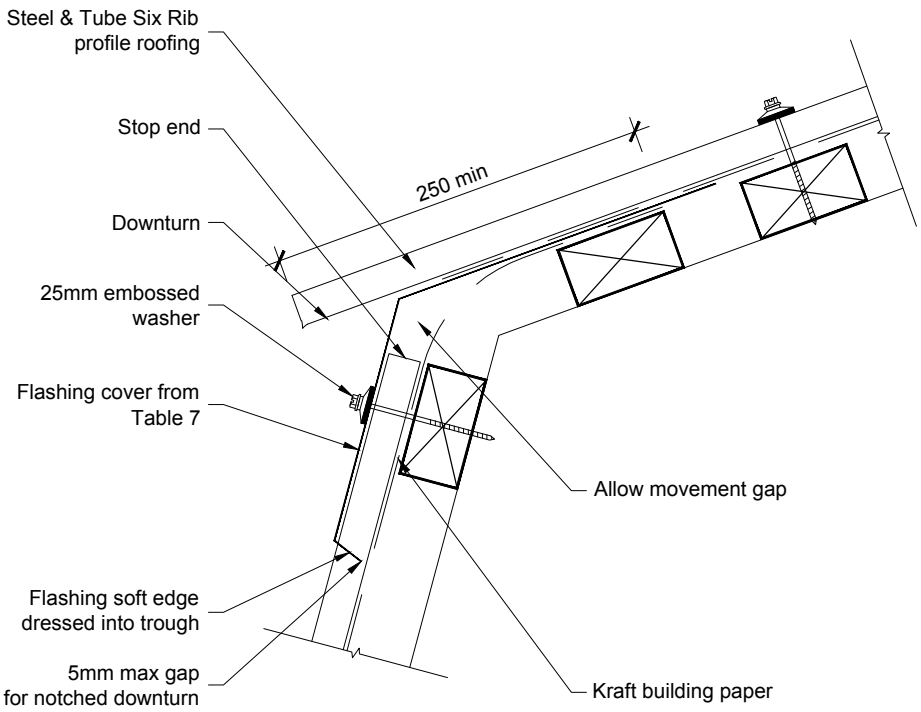
VERY HIGH WIND ZONES WHERE PITCH ⩾ 10°
ALL WIND ZONES WHERE PITCH < 10°

* Alternatively 130 cover with addition of profiled foam sealer above purlin line

ribb_six_rib-head_apron

Rib Profile Head Apron Flashing
Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12



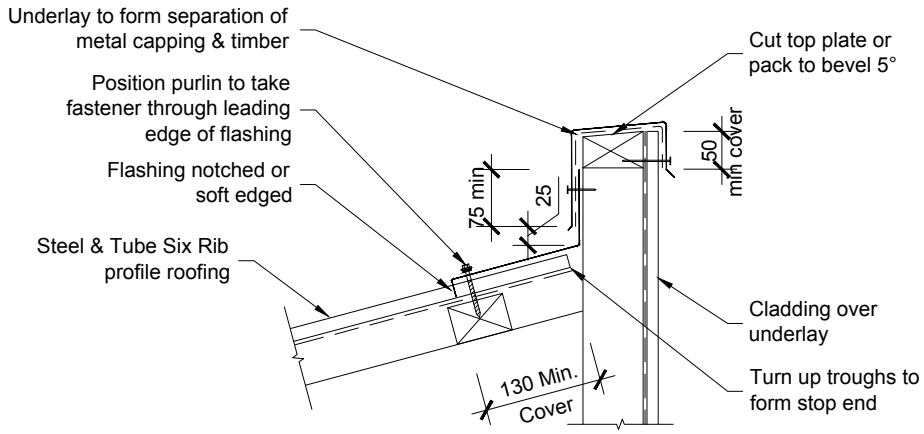
ribb_six_rib-mansard

Mansard Flashing
Cross Section

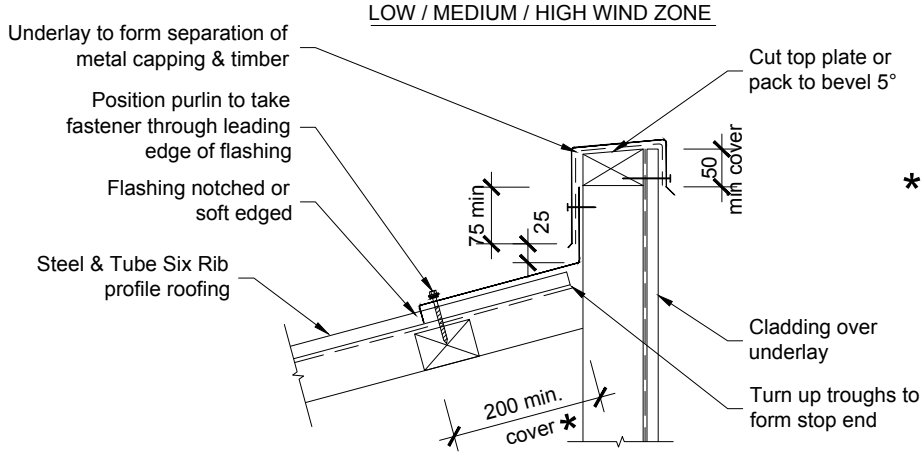
All dimensions in millimetres
Scale 1:5
16/01/12

steel&tube

Roofing
Residential Detail
Six Rib

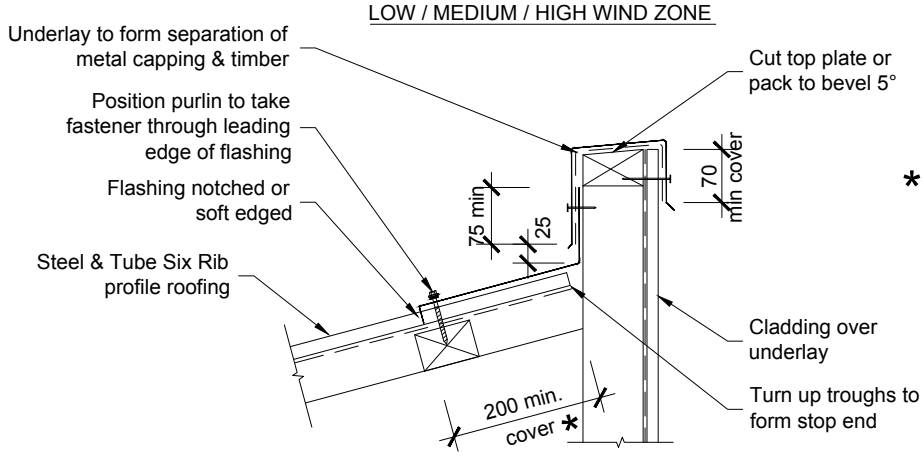


ROOF PITCH ⩾10°
LOW / MEDIUM / HIGH WIND ZONE



* Alternatively 130 cover with addition of profiled foam sealer above purlin line

ROOF PITCH < 10°
LOW / MEDIUM / HIGH WIND ZONE



* Alternatively 130 cover with addition of profiled foam sealer above purlin line

ALL PITCHES
VERY HIGH WIND ZONE

ribb_six_rib-parapet

Rib Profile Head Parapet Flashing
Cross Section

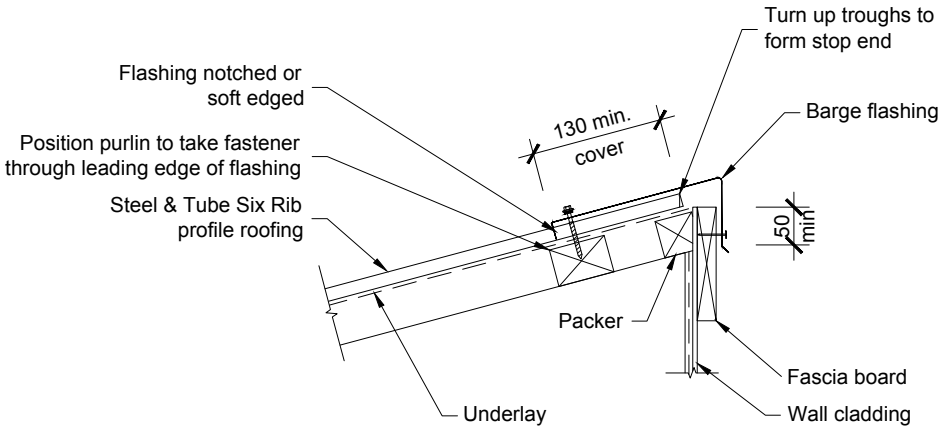
All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

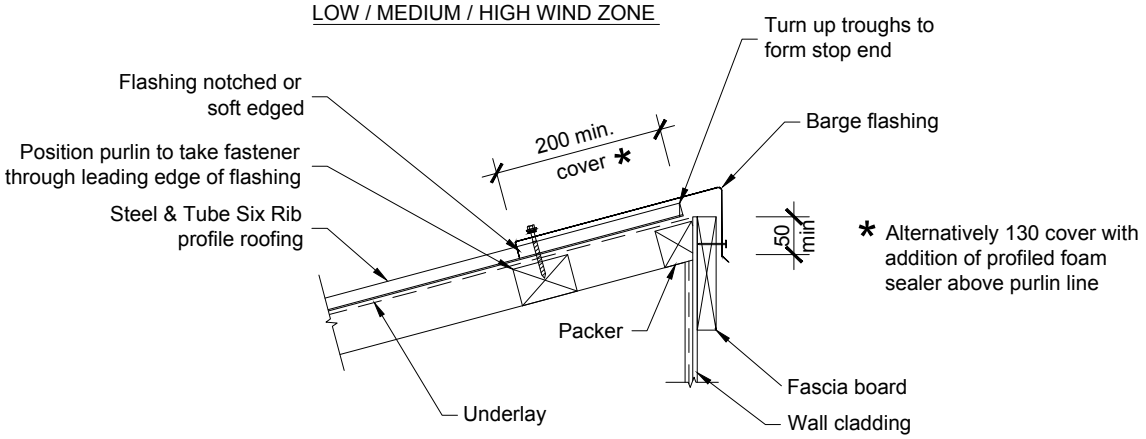
Quick Code: KA14

steel&tube

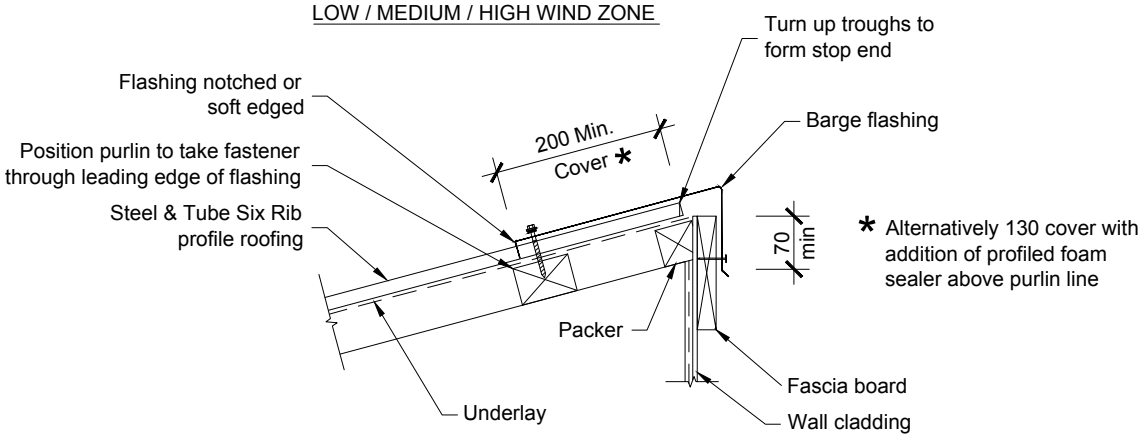
Roofing
Residential Detail
Six Rib



ROOF PITCH ⩾10°
LOW / MEDIUM / HIGH WIND ZONE



ROOF PITCH < 10°
LOW / MEDIUM / HIGH WIND ZONE



ALL PITCHES
VERY HIGH WIND ZONE

ribb_six_rib-roof_head_flash

Rib Profile Head Barge Flashing
Cross Section

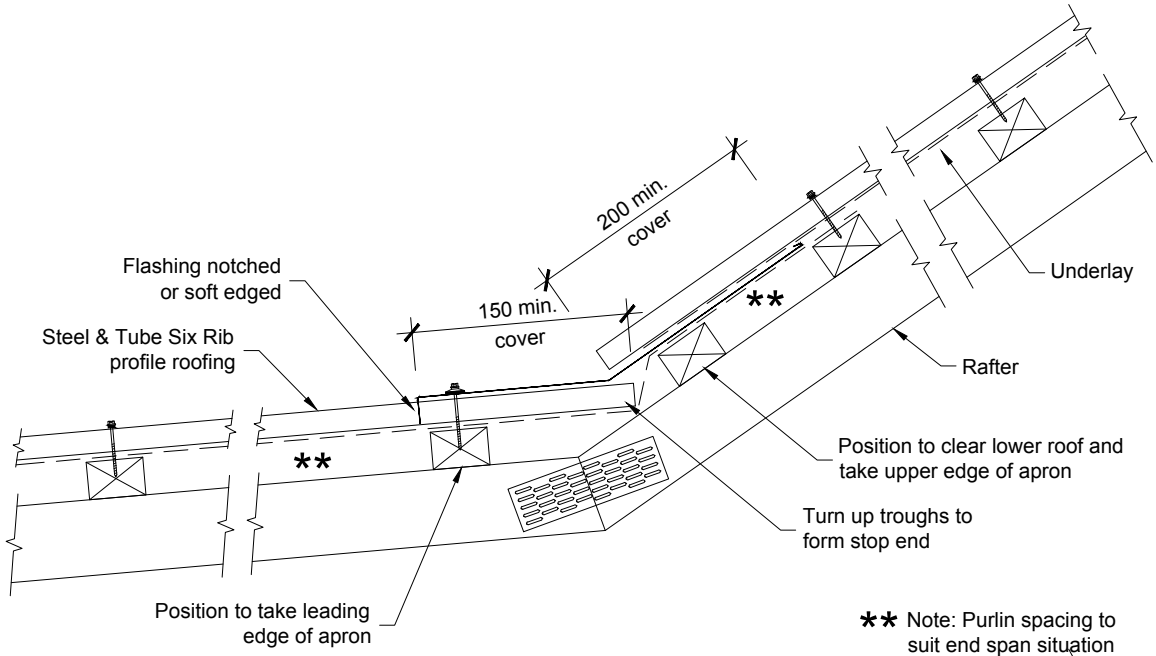
All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

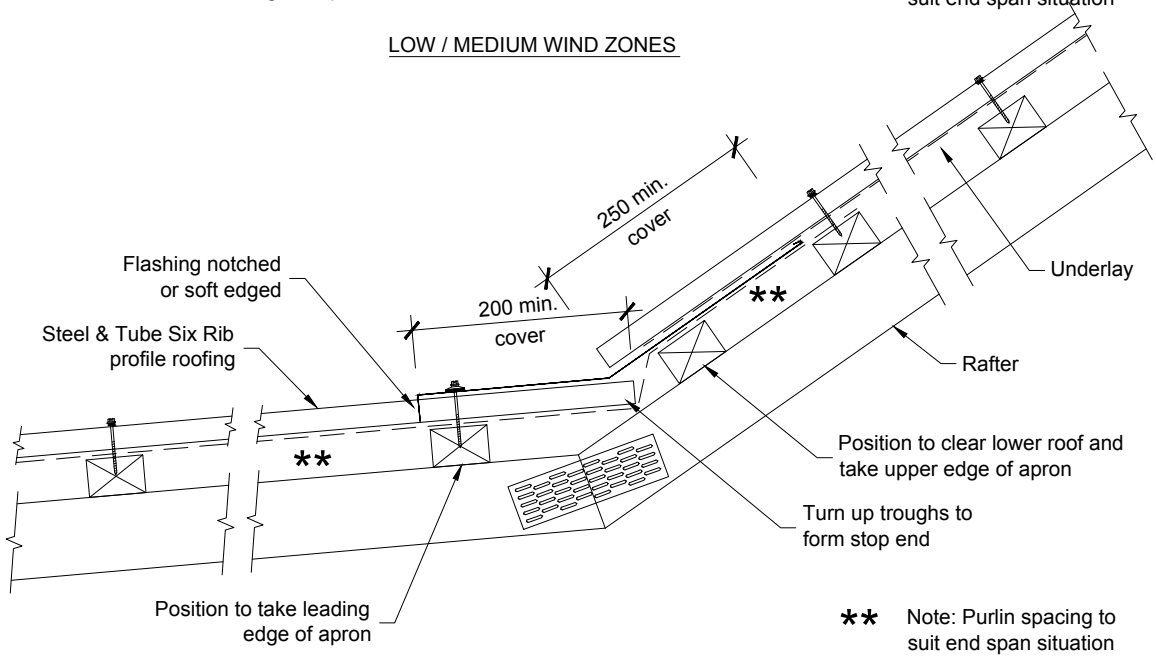
Quick Code: KA13

steel&tube

Roofing
Residential Detail
Six Rib



LOW / MEDIUM WIND ZONES



HIGH / VERY HIGH WIND ZONES

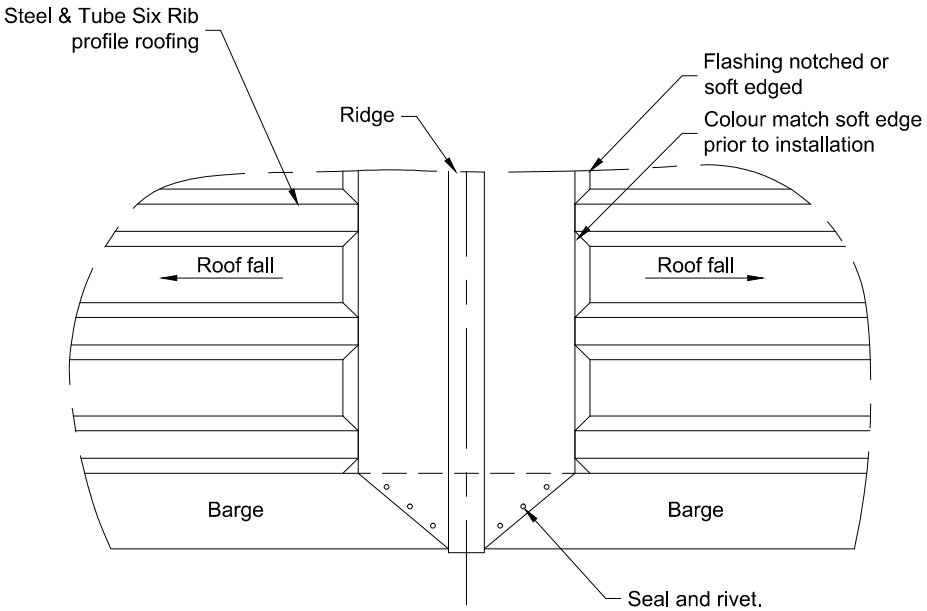
ribb_six_rib-roof_pitch_chg

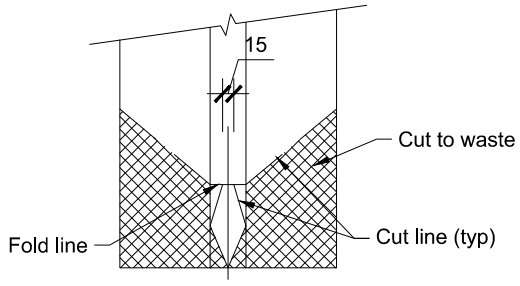
Rib Profile Change Of Pitch
Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

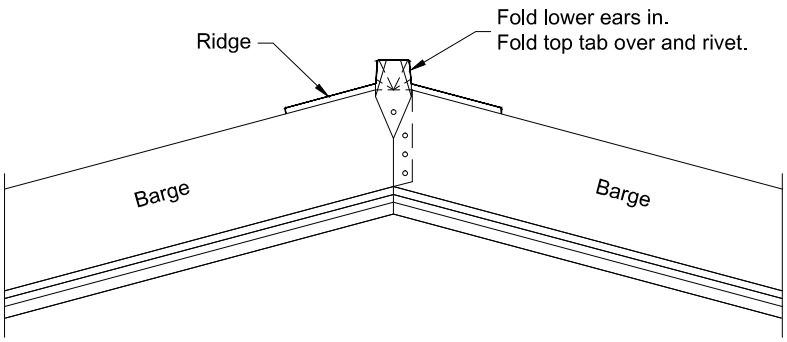
Quick Code: KA12





DETAIL
RIDGE END CUT

END VIEW



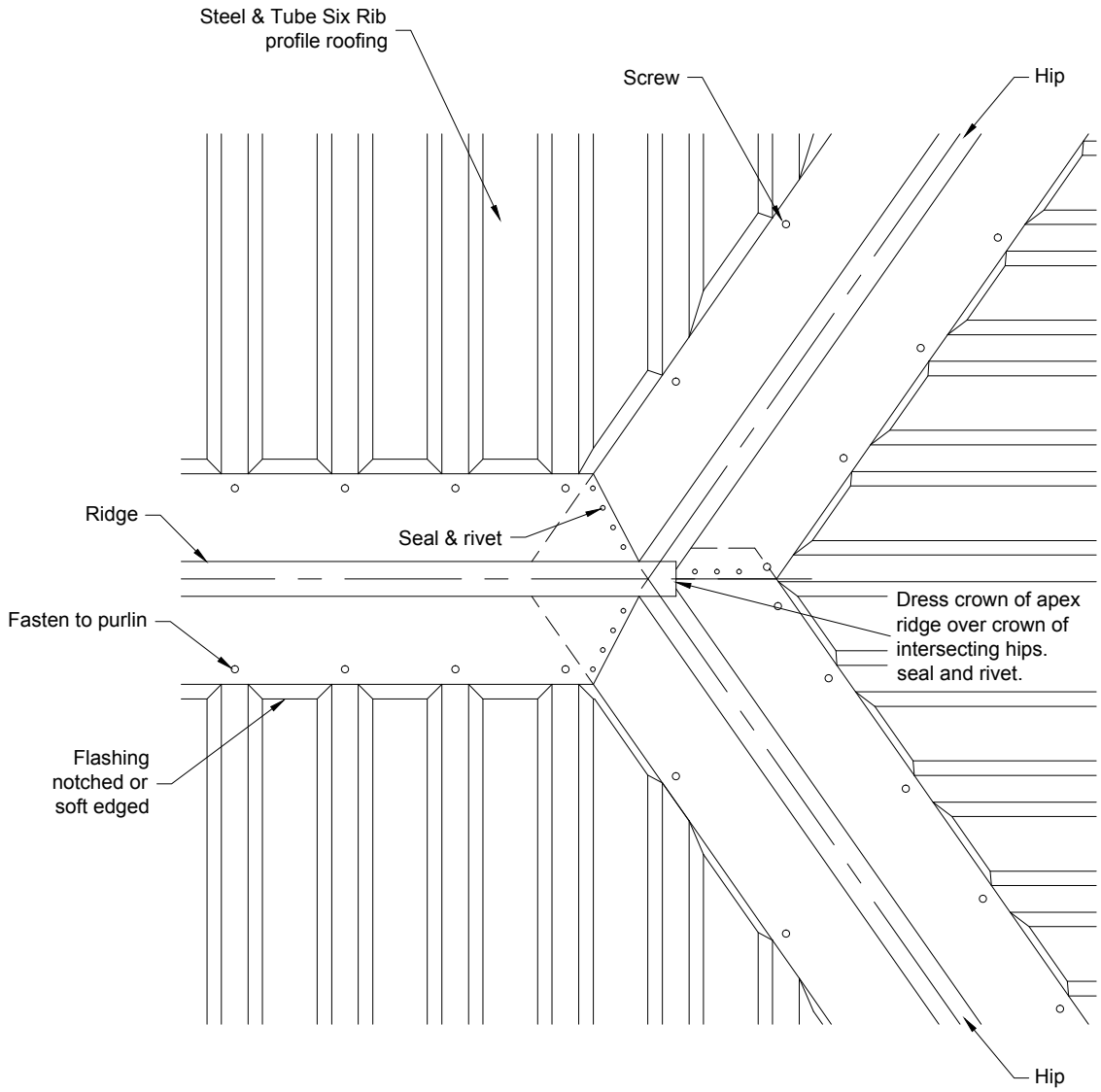
ribb_six_rib-roof_ridge_cut

Rib Profile Ridge Cut Detail
Plan View

All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Residential Detail
Six Rib



Note:
Soft edged flashings to be colour matched prior to installation.

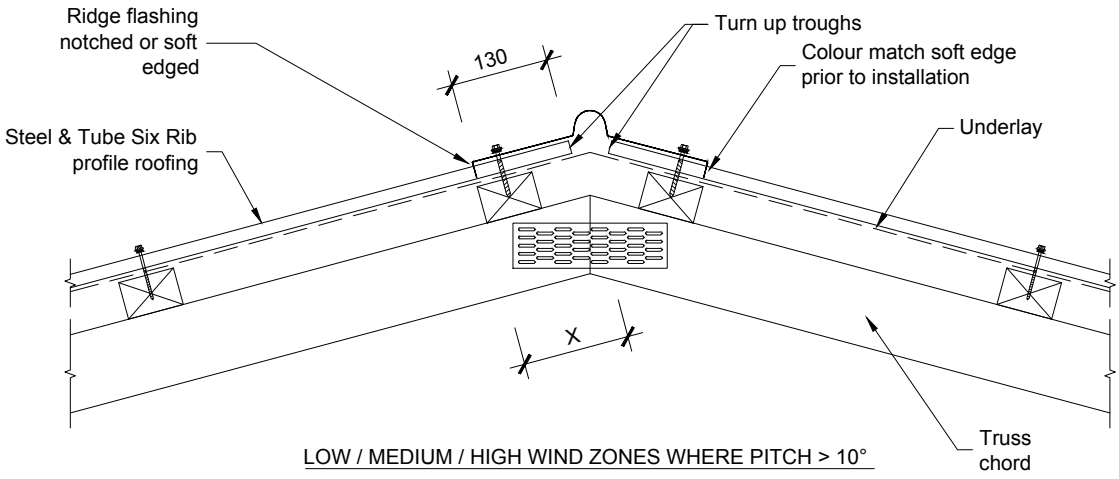
ribb_six_rib-roof_ridge_hip

Rib Profile Hip Junction
Plan View

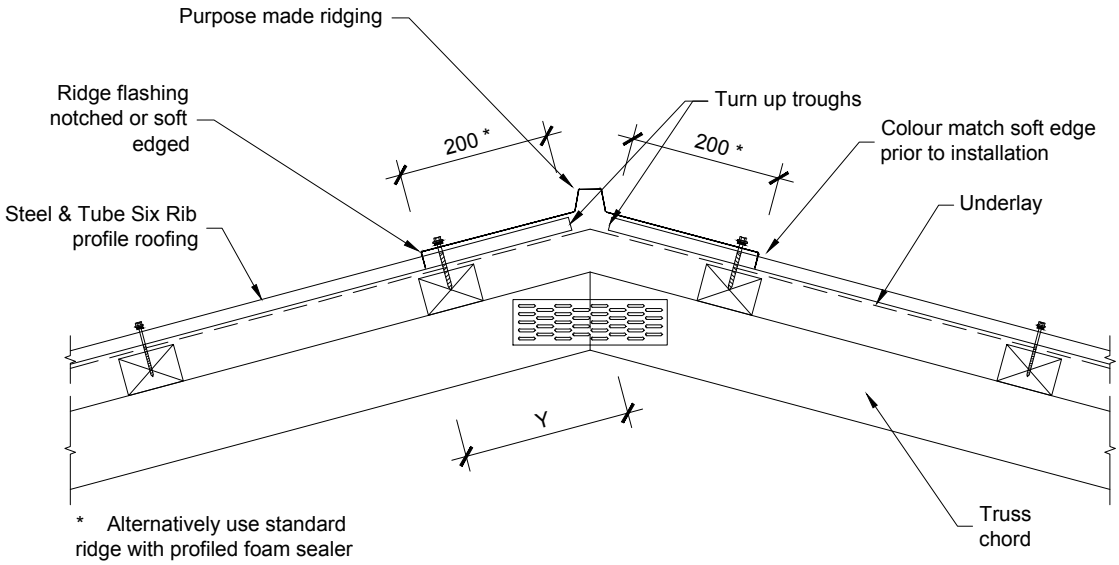
All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Residential Detail
Six Rib



LOW / MEDIUM / HIGH WIND ZONES WHERE PITCH > 10°



* Alternatively use standard ridge with profiled foam sealer strip along purlin line.

VERY HIGH WIND ZONES WHERE PITCH > 10°
ALL WIND ZONES WHERE PITCH < 10°

Roof Pitch	8	10	15	20	25	30	35	45
Dimension X mm	168	167	162	156	150	143	134	115
Dimension Y mm	218	217	212	206	200	193	184	165

For standard ridge using ex 50mm purlins on flat

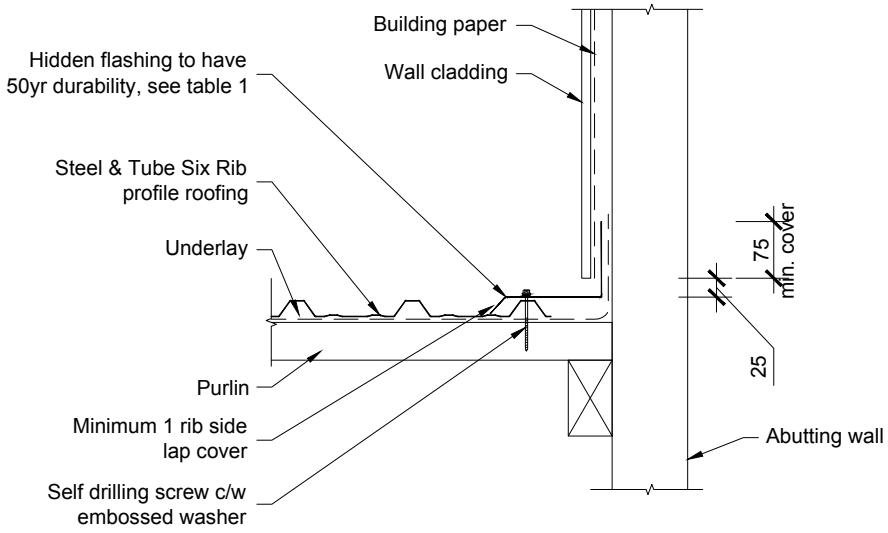
ribb_six_rib-roof_ridge

Rib Profile Ridge Apex
Cross Section

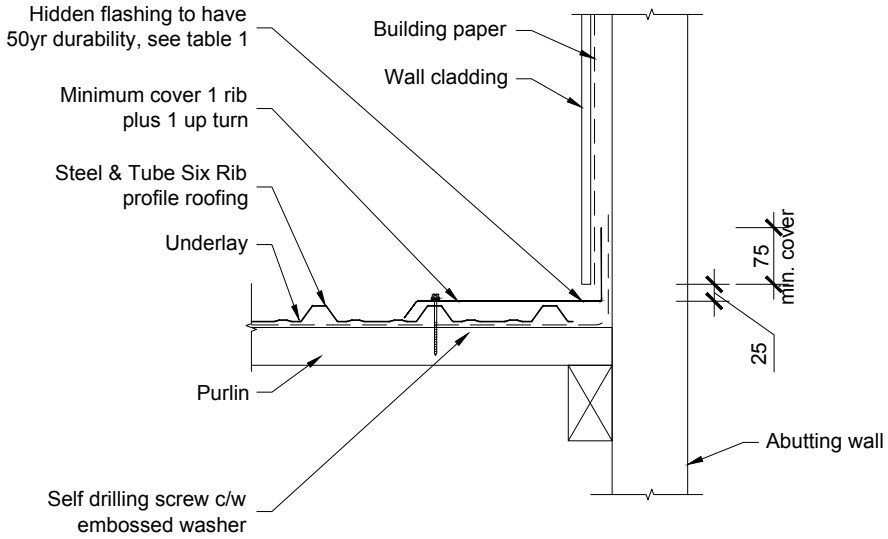
All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: KA11



LOW / MEDIUM / HIGH WIND ZONES WHERE PITCH ⩾ 10°



VERY HIGH WIND ZONES WHERE PITCH ⩾ 10°
ALL WIND ZONES WHERE PITCH < 10°

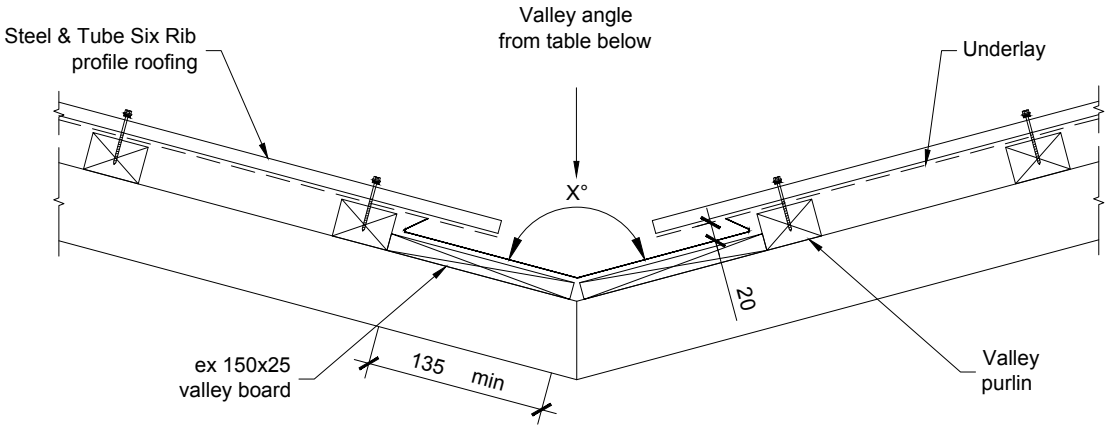
ribb_six_rib-side_flash

Rib Profile Side Flashing To Parallel Wall (abutment Flashing)
Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Residential Detail
Six Rib



Valley Angles and Catchments

Roof Pitch	<8°	8°	10°	15°	20°	25°	30°	35°	45°
Valley Angle	Varies	169	166	159	152	145	139	132	120
Maximum Catchment	*	20m²	26m²	27m²	35m²	43m²	52m²	63m²	75m²

* For degrees below 8° and larger catchments design as internal gutter in accordance with E1/AS1 figure 16.

ribb_six_rib-valley

Rib Profile Valley
Cross Section

All dimensions in millimetres
Scale 1:10
16/01/12