# RESIDENTIAL RIBLINE® ROOFING
# RESIDENTIAL RIBLINE®  SHEET LIST

Detail Number:  RI-RRR-00A
Date drawn:  25/07/2024
Scale:  @ A3

| RESIDENTIAL RIBLINE ROOFING SHEET LIST | | |
|---|---|---|
| Sheet Number | Type | Sheet Name |
| RI-RRR-00A | RESIDENTIAL RIBLINE® ROOFING | RESIDENTIAL RIBLINE®  SHEET LIST |
| RI-RRR-00B | RESIDENTIAL RIBLINE® ROOFING | PROFILES & ACCESSORIES |
| RI-RRR-00C | RESIDENTIAL RIBLINE® ROOFING | PROFILE SUMMARY -  RIBLINE |
| RI-RRR-010 | RESIDENTIAL RIBLINE® ROOFING | TYPICAL TRUSS ROOF |
| RI-RRR-020A | RESIDENTIAL RIBLINE® ROOFING | TYPICAL RAFTER / SLOPING CEILING ROOF |
| RI-RRR-020B | RESIDENTIAL RIBLINE® ROOFING | TYPICAL EXPOSED RAFTER ROOF |
| RI-RRR-030 | RESIDENTIAL RIBLINE® ROOFING | BARGE DETAIL |
| RI-RRR-040 | RESIDENTIAL RIBLINE® ROOFING | HEAD BARGE DETAIL |
| RI-RRR-050 | RESIDENTIAL RIBLINE® ROOFING | CHANGE IN PITCH |
| RI-RRR-060 | RESIDENTIAL RIBLINE® ROOFING | EAVES FLASHING |
| RI-RRR-070A | RESIDENTIAL RIBLINE® ROOFING | RIDGE AND HIP FLASHING (ROLL TOP) |
| RI-RRR-070B | RESIDENTIAL RIBLINE® ROOFING | RIDGE AND HIP FLASHING (SQUARE TOP) |
| RI-RRR-080 | RESIDENTIAL RIBLINE® ROOFING | VALLEY DETAIL |
| RI-RRR-090 | RESIDENTIAL RIBLINE® ROOFING | INTERNAL GUTTER |
| RI-RRR-100 | RESIDENTIAL RIBLINE® ROOFING | RIDGE - HIP FLASHING DETAIL |
| RI-RRR-110A | RESIDENTIAL RIBLINE® ROOFING | PARALLEL APRON FLASHING (HORIZ RIBLINE ON CAVITY) |
| RI-RRR-110B | RESIDENTIAL RIBLINE® ROOFING | PARALLEL APRON FLASHING (NON CAVITY) |
| RI-RRR-110C | RESIDENTIAL RIBLINE® ROOFING | PARALLEL APRON 2 PIECE FLASHING (CAVITY) |
| RI-RRR-110D | RESIDENTIAL RIBLINE® ROOFING | PARALLEL APRON FLASHING (CAVITY) |
| RI-RRR-120A | RESIDENTIAL RIBLINE® ROOFING | APRON FLASHING (NON CAVITY) |
| RI-RRR-120B | RESIDENTIAL RIBLINE® ROOFING | APRON FLASHING (CAVITY) |
| RI-RRR-120C | RESIDENTIAL RIBLINE® ROOFING | APRON FLASHING (HORIZ RIBLINE ON CAVITY) |
| RI-RRR-130B | RESIDENTIAL RIBLINE® ROOFING | APRON 2 PIECE FLASHING (CAVITY) |
| RI-RRR-140A | RESIDENTIAL RIBLINE® ROOFING | PARALLEL HIDDEN GUTTER (NON CAVITY) |
| RI-RRR-140B | RESIDENTIAL RIBLINE® ROOFING | PARALLEL HIDDEN GUTTER (CAVITY) |
| RI-RRR-140C | RESIDENTIAL RIBLINE® ROOFING | PARALLEL HIDDEN 2 PIECE GUTTER (CAVITY) |
| RI-RRR-150 | RESIDENTIAL RIBLINE® ROOFING | MANSARD / EXTERNAL CHANGE IN PITCH FLASHING |
| RI-RRR-160 | RESIDENTIAL RIBLINE® ROOFING | BOOT FLASHING FOR UP TO 85mm DIA PIPE |
| RI-RRR-170A | RESIDENTIAL RIBLINE® ROOFING | WATERSHED FLASHING FOR PIPE / CHIMNEY PENETRATION UP TO 500mm DIA. |
| RI-RRR-170B | RESIDENTIAL RIBLINE® ROOFING | SOAKER FLASHING FOR PIPE / CHIMNEY PENETRATION (85-500mm DIA, MID ROOF) |
| RI-RRR-180A | RESIDENTIAL RIBLINE® ROOFING | WATERSHED CHIMNEY FLASHING |
| RI-RRR-180B | RESIDENTIAL RIBLINE® ROOFING | CHIMNEY FLASHING, MID ROOF |
| RI-RRR-190 | RESIDENTIAL RIBLINE® ROOFING | SKYLIGHT FLASHING |
| RI-RRR-200 | RESIDENTIAL RIBLINE® ROOFING | RIDGE / BARGE JUNCTION |
| RI-RRR-210A | RESIDENTIAL RIBLINE® ROOFING | INTERNAL BARGE FLASHING |
| RI-RRR-210B | RESIDENTIAL RIBLINE® ROOFING | INTERNAL WELDED ALUMINIUM BARGE TRANSITION FLASHING |
| RI-RRR-220 | RESIDENTIAL RIBLINE® ROOFING | PARALLEL APRON DIVERTER JUNCTION |
| RI-RRR-230 | RESIDENTIAL RIBLINE® ROOFING | RAKING INTERNAL GUTTER |
| RI-RRR-240 | RESIDENTIAL RIBLINE® ROOFING | ROOFING INDUSTRIES GUTTER OPTIONS 125 BOX GUTTER & OLD GOTHIC FOR TIMBER FASCIA |
| RI-RRR-250 | RESIDENTIAL RIBLINE® ROOFING | ROOFING INDUSTRIES GUTTER OPTIONS QUARTER & 1/2 ROUND FOR TIMBER FASCIA |



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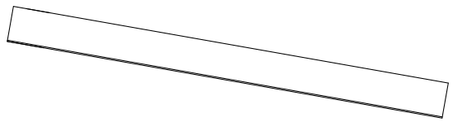
# RESIDENTIAL RIBLINE® ROOFING PROFILES & ACCESSORIES

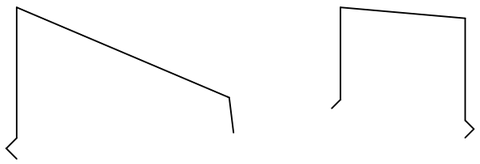
Detail Number: RI-RRR-00B
Date drawn: 25/07/2024
Scale: 1 : 5@ A3

ROOFING INDUSTRIES
'RIBLINE'

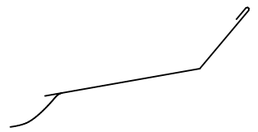


ROOFING INDUSTRIES
BARGE FLASHING

ROOFING INDUSTRIES
BARGE/PARAPET CAPPING

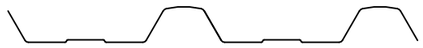


ROOFING INDUSTRIES
CHANGE IN PITCH FLASHING

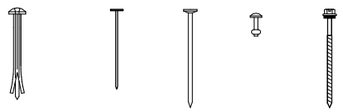


ROOFING INDUSTRIES
GUTTER APRON FLASHING

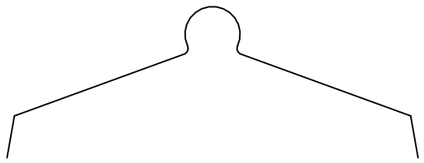
ROOFING INDUSTRIES
'RIBLINE'



FIXINGS



ROOFING INDUSTRIES RIDGE
FLASHING

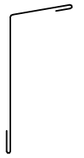


ROOFING INDUSTRIES
APRON FLASHING

HEAD FLASHING

ROOFING INDUSTRIES
COVER FLASHING

ROOFING INDUSTRIES
SOFFIT FLASHING

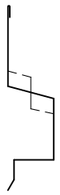


CAVITY CLOSER

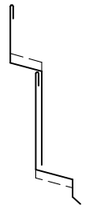
METAL ANGLE

HEAD FLASHING

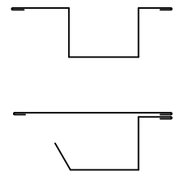
ALTERNATIVE HEAD
FLASHING (OPTION 1)



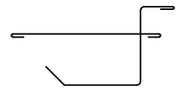
ALTERNATIVE HEAD
FLASHING (OPTION 2)



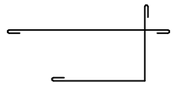
JAMB FLASHING



ALTERNATIVE JAMB
FLASHING (OPTION 1)



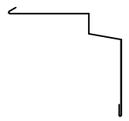
ALTERNATIVE JAMB
FLASHING (OPTION 2)



ROOFING INDUSTRIES
METER BOX BASE FLASHING

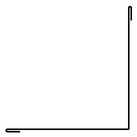
ROOFING INDUSTRIES
CLADDING CHANGE/JAMB
FLASHING

SILL FLASHING

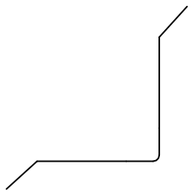


SILL FLASHING
(OPTION 1)

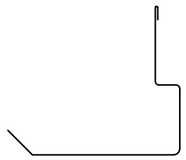
ROOFING INDUSTRIES
CORNER FLASHING



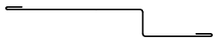
ROOFING INDUSTRIES
INTERNAL CORNER



ROOFING INDUSTRIES
EXTERNAL CORNER



ROOFING INDUSTRIES
VERTICAL BUTT JOINT
FLASHING



ROOFING INDUSTRIES
CLADDING BASE FLASHING



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# RESIDENTIAL RIBLINE® ROOFING

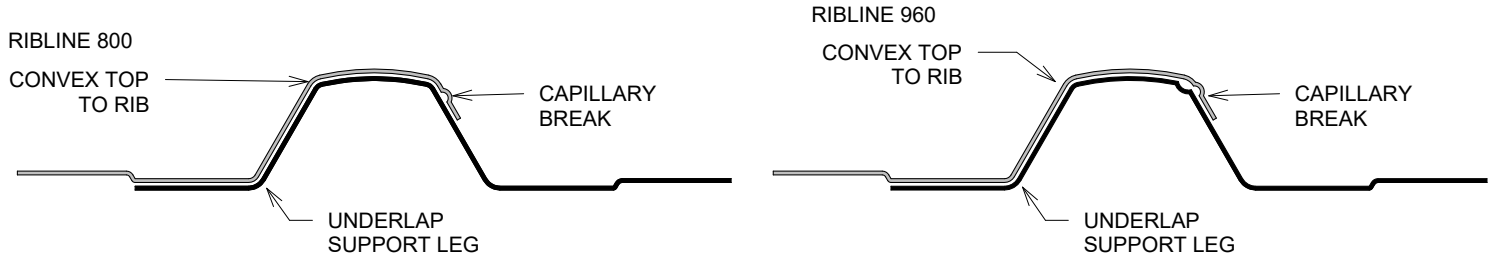
# PROFILE SUMMARY - RIBLINE

Detail Number: RI-RRR-00C

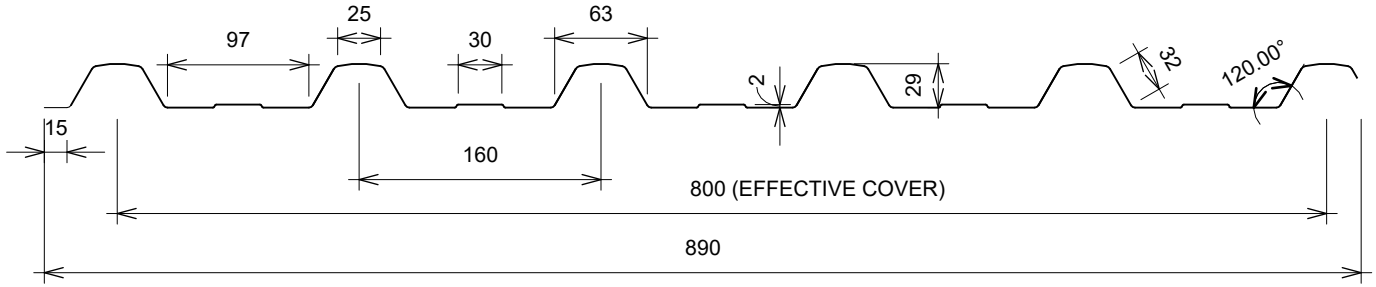
Date drawn: 25/07/2024

Scale: As indicated@ A4

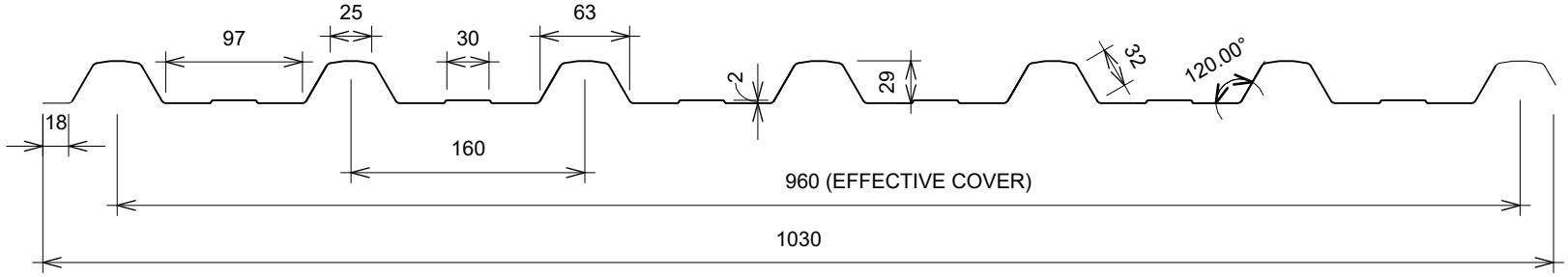
## RIBLINE Lap




## RIBLINE 800




## RIBLINE 960




GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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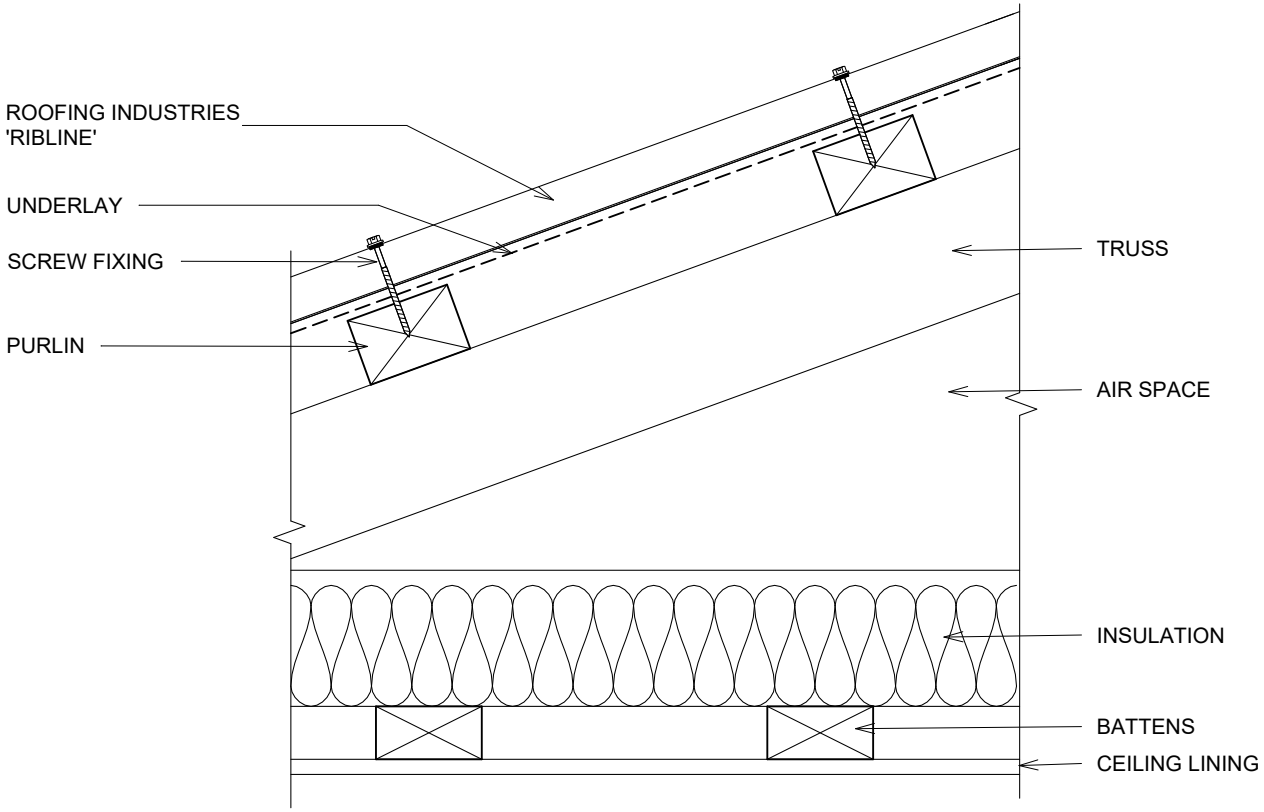
# RESIDENTIAL RIBLINE® ROOFING

# TYPICAL TRUSS ROOF

Detail Number: RI-RRR-010

Date drawn: 25/07/2024

Scale: 1 : 5@ A4




DETAIL ANNOTATION:

1. VENTILATION OF ATTIC / ROOF SPACE MAY BE REQUIRED
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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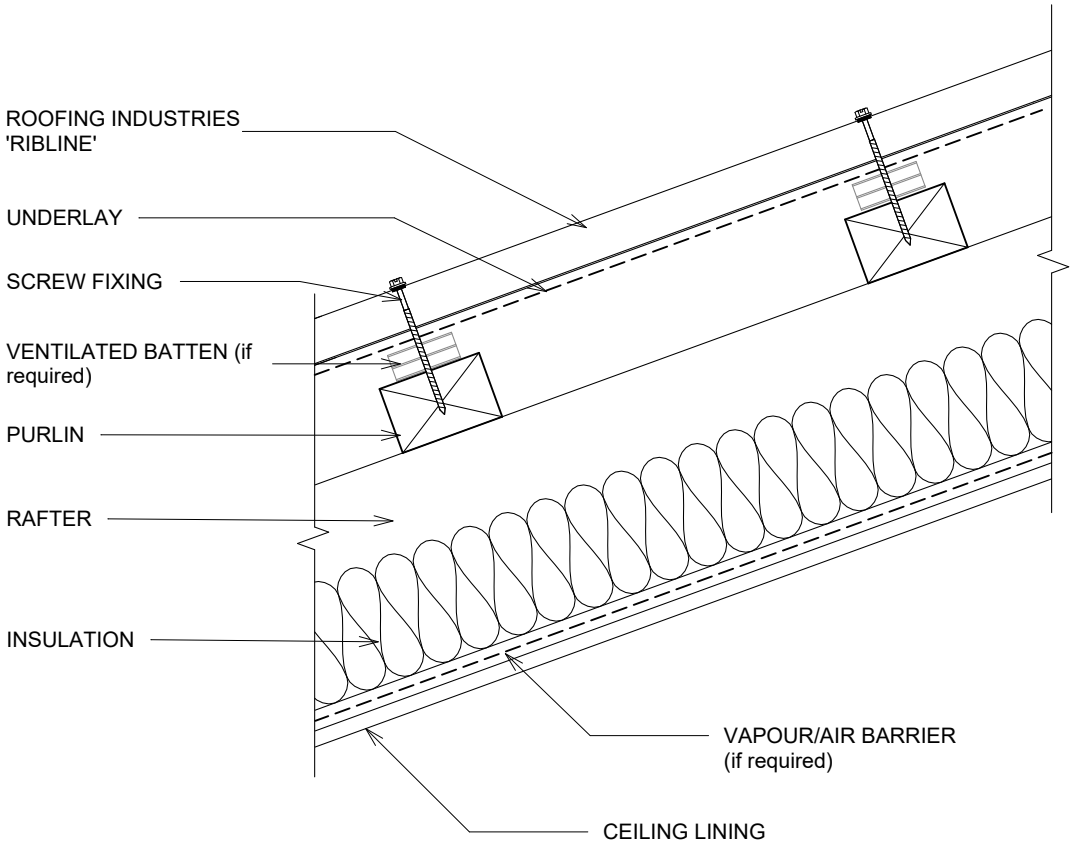
# RESIDENTIAL RIBLINE® ROOFING

# TYPICAL RAFTER / SLOPING CEILING ROOF

Detail Number: RI-RRR-020A

Date drawn: 25/07/2024

Scale: 1 : 5@ A4




DETAIL ANNOTATION:

1. VENTILATION OF ATTIC / ROOF SPACE MAY BE REQUIRED
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. VENTILATED/CASTELLATED PURLIN MAY BE USED
4. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
5. 20mm MIN. AIR GAP BETWEEN UNDERLAY AND INSULATION

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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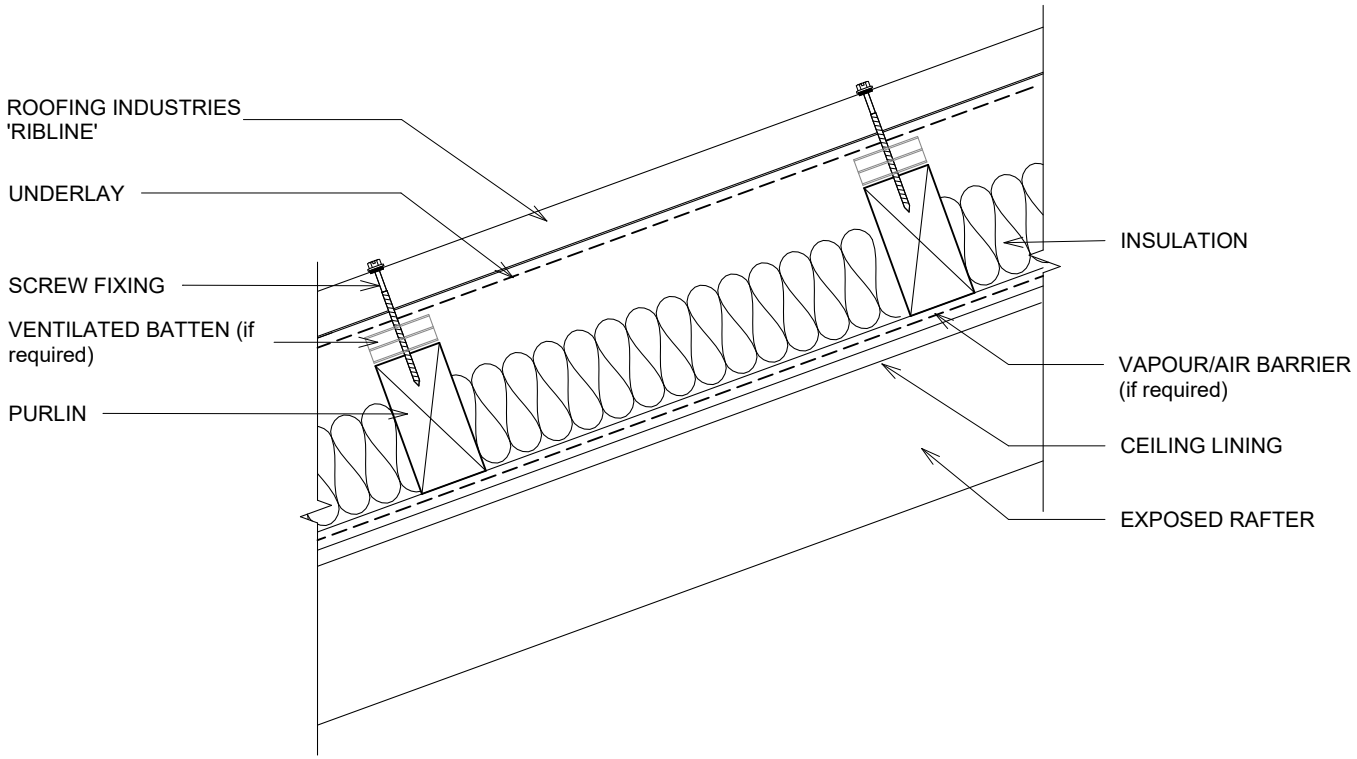
# RESIDENTIAL RIBLINE® ROOFING
# TYPICAL EXPOSED RAFTER ROOF

Detail Number: RI-RRR-020B
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




DETAIL ANNOTATION:

1. VENTILATION OF ATTIC / ROOF SPACE MAY BE REQUIRED
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. VENTILATED/CASTELLATED PURLIN MAY BE USED
4. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
5. 20mm MIN. AIR GAP BETWEEN UNDERLAY AND INSULATION

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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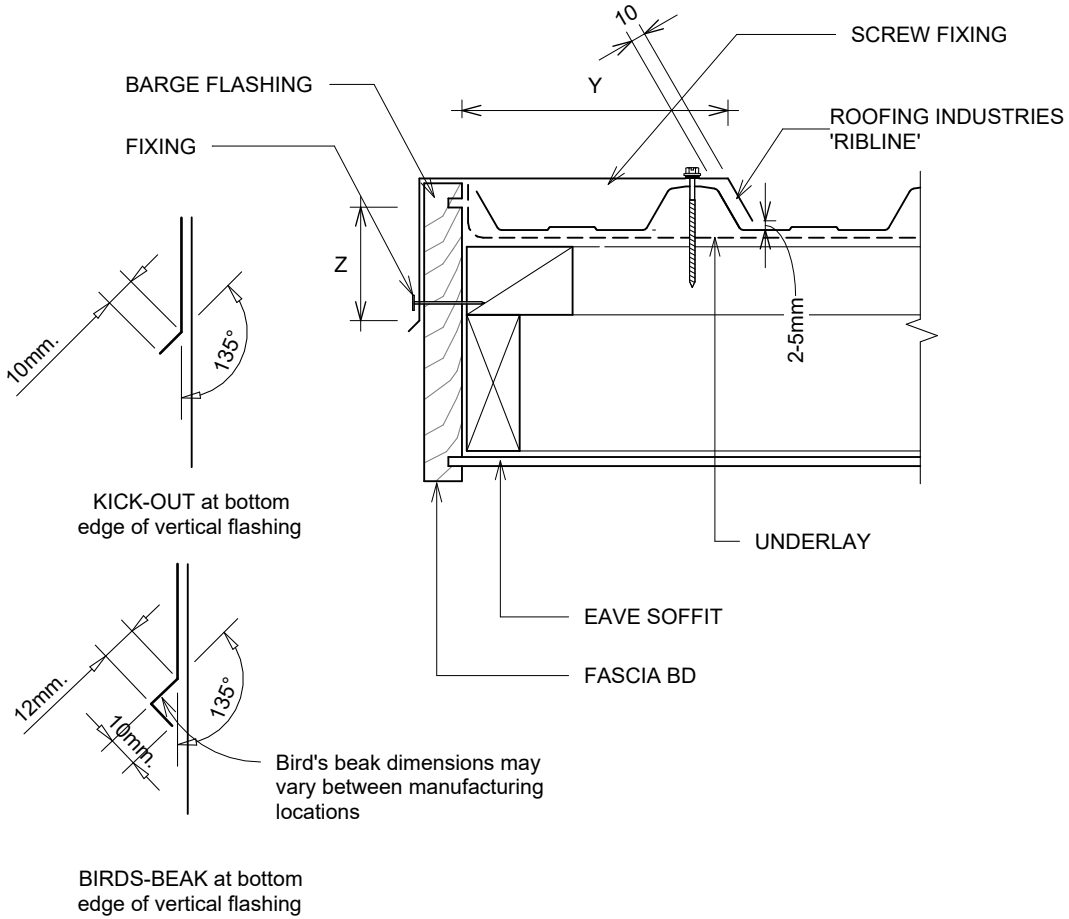
# RESIDENTIAL RIBLINE® ROOFING
# BARGE DETAIL

Detail Number: RI-RRR-030
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM | |
|---|---|---|
| | Z (2) | Y |
| SITUATION 1 (1) | 50mm | 2 crests |
| SITUATION 2 (1) | 70mm | 2 crests |
| SITUATION 3 (1) | 90mm | 2 crests |

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDING DRIP EDGE
3. INCREASE DISTANCE 'Z' BY 25mm WHEN AGAINST A PROFILED SURFACE OR TO 100mm WHICHEVER IS THE LESSER
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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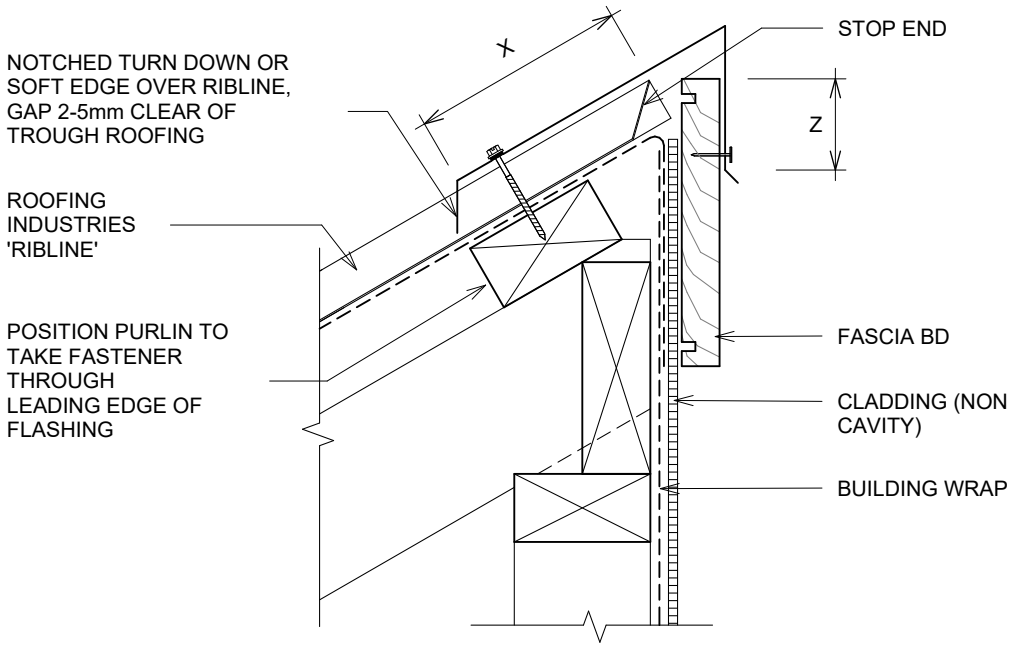
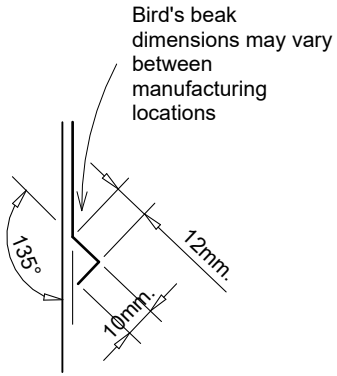
# RESIDENTIAL RIBLINE® ROOFING
# HEAD BARGE DETAIL

Detail Number: RI-RRR-040
Date drawn: 25/07/2024
Scale: 1 : 5@ A4

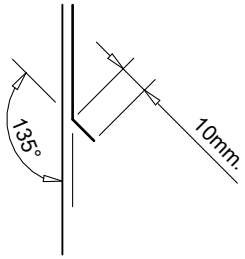



OPTION 01




BIRDS-BEAK at bottom edge of vertical flashing

OPTION 02




KICK-OUT at bottom edge of vertical flashing

| SITE WIND ZONE (As per NZS3604) | MINIMUM | |
|---|---|---|
| | Z (3) | X (5) |
| SITUATION 1 (1) | 50mm | 130mm |
| SITUATION 2 (1) | 70mm | 200mm |
| SITUATION 3 (1) | 90mm | 200mm |

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. INCREASE DISTANCE 'Z' BY 25mm WHEN AGAINST A PROFILED SURFACE OR TO 100mm WHICHEVER IS THE LESSER
3. EXCLUDING DRIP EDGE
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. EXCLUDING ANY SOFT EDGE OR TURN DOWN
6. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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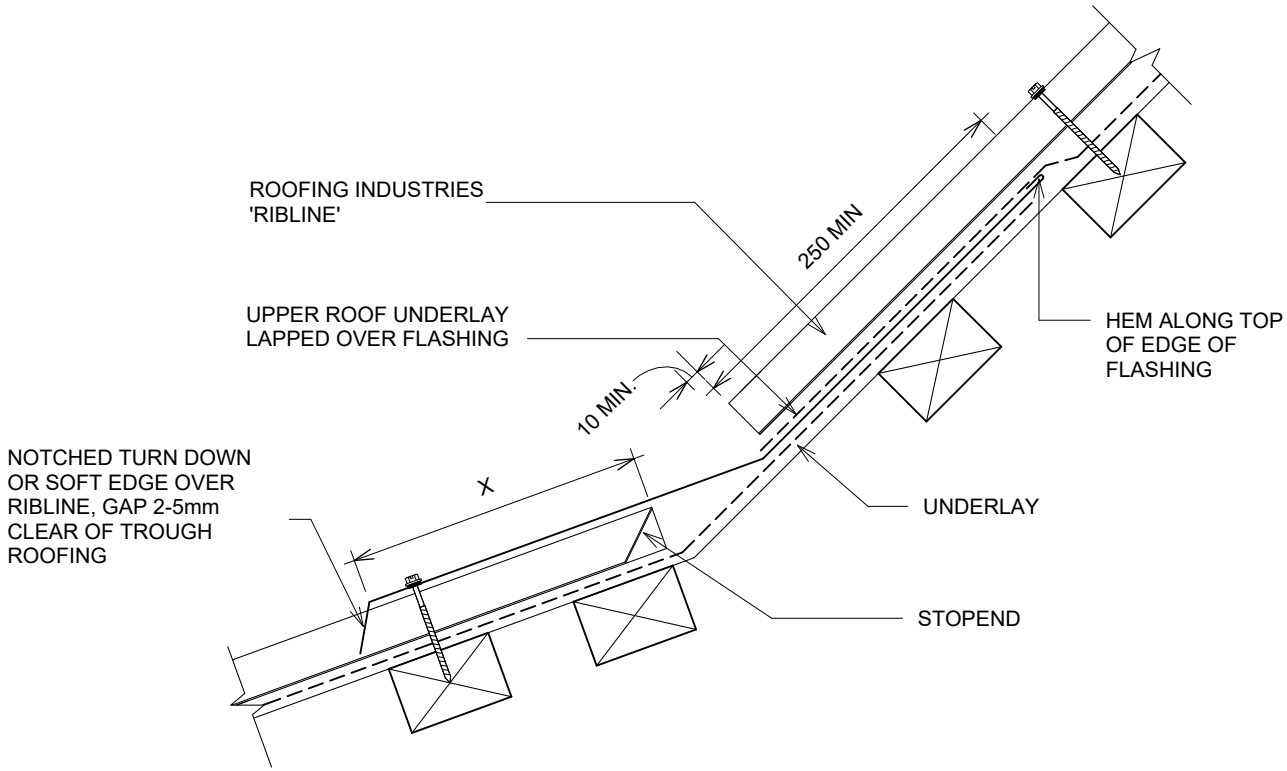
# RESIDENTIAL RIBLINE® ROOFING
# CHANGE IN PITCH

Detail Number: RI-RRR-050
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MIN mm UPPER LAP UNDER ROOFING | X (2) TRANSVERSE FLASHING OVER ROOFING |
|---|---|---|
| SITUATION 1 (1) | 250mm | 150mm |
| SITUATION 2 (1) | 250mm | 200mm |
| SITUATION 3 (1) | (4) | |

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDING ANY SOFT EDGE OR TURN DOWN
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. NOT PERMITTED UNDER E2/AS1, REFER TO NZMRM METAL ROOF & WALL CLADDING CODE OF PRACTICE
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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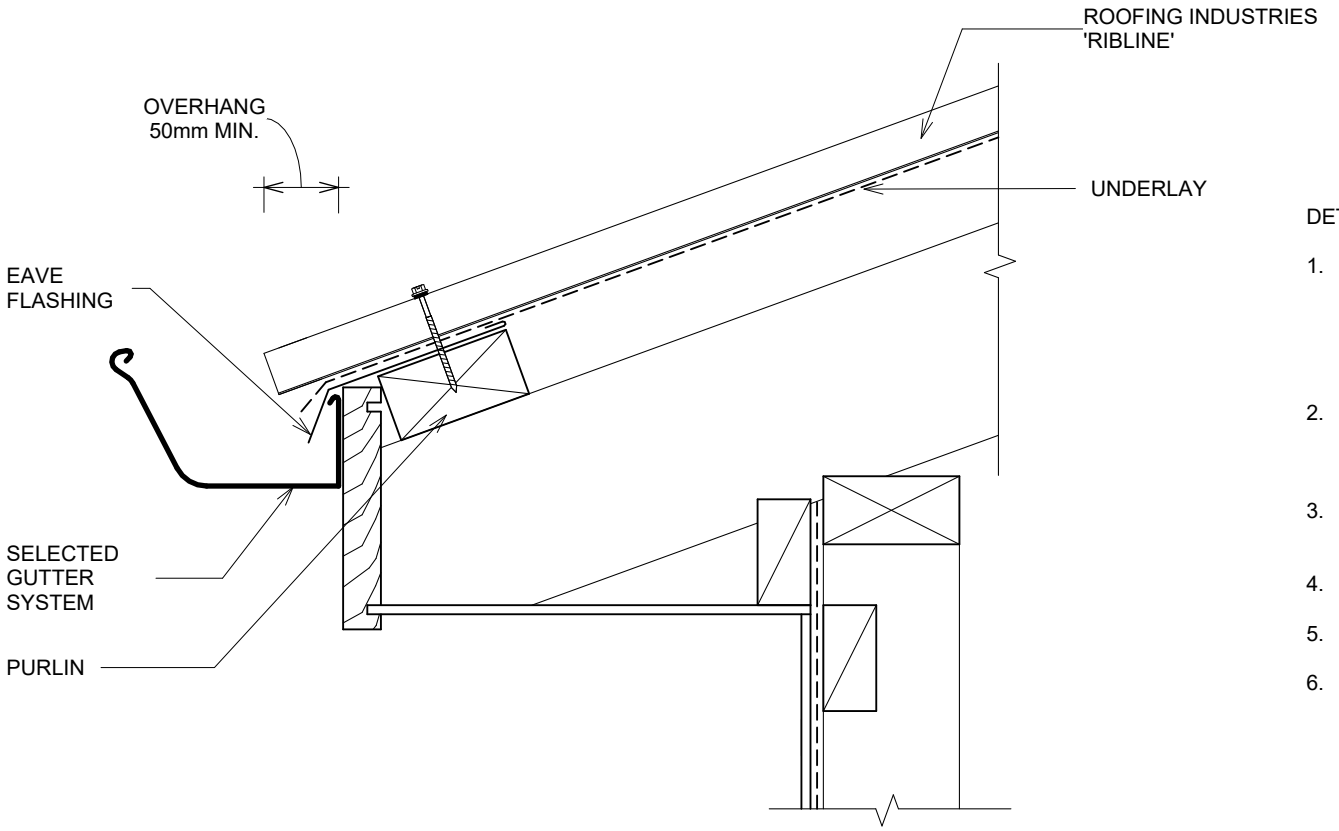
# RESIDENTIAL RIBLINE® ROOFING

# EAVES FLASHING

Detail Number: RI-RRR-060

Date drawn: 25/07/2024

Scale: 1 : 5@ A4




DETAIL ANNOTATION:

1. REFER TO E2/AS1 FOR GUIDANCE AS TO WHERE THE EAVE FLASHING IS REQUIRED. DESIGNER MAY ALSO CHOOSE TO INCLUDE OPTIONALLY. ALSO RECOMMENDED IN VERY CORROSIVE ENVIRONMENTS AND WHEN SPOUTING IS LOW OR WHERE A GAP EXIST BETWEEN THE BACK OF GUTTER AND THE FASCIA BOARD
2. OVERHANG TO GUTTER WHERE THE PITCH IS BELOW 10° AND THE ENDS OF THE RIBS ARE NOT BAFFLED BY THE SPOUTING. SHALL BE INCREASED TO 70MM. REFER TO NZMRM COP
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. GUTTERS IN ACCORDANCE WITH NEW ZEALAND BUILDING CODE E2/AS1
5. REFER TO SECTION OF NZMRM CODE OF PRACTICE FOR CATCHMENT AREA LIMITATIONS
6. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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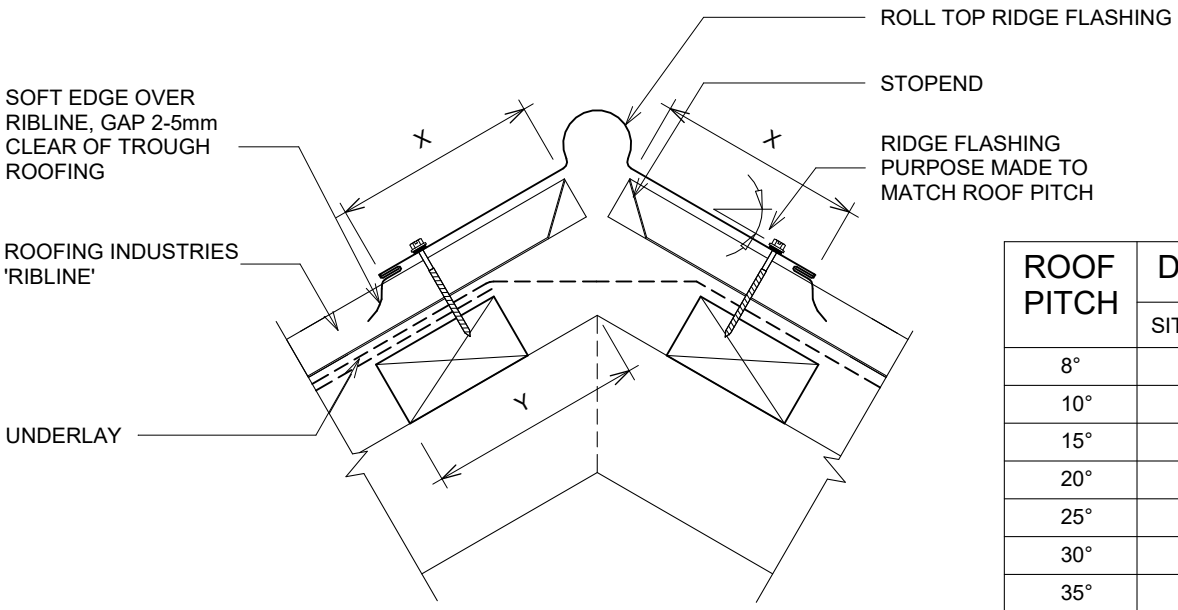
# RESIDENTIAL RIBLINE® ROOFING
# RIDGE AND HIP FLASHING (ROLL TOP)

Detail Number: RI-RRR-070A
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| ROOF PITCH | DISTANCE Y mm | |
|---|---|---|
| | SITUATION 1 | SITUATION 2 |
| 8° | N/A | 218 |
| 10° | 167 | 217 |
| 15° | 162 | 212 |
| 20° | 156 | 206 |
| 25° | 150 | 200 |
| 30° | 143 | 193 |
| 35° | 134 | 184 |
| 40° | 125 | 175 |
| 45° | 115 | 165 |

FOR STANDARD 70x45mm PURLINS ON FLAT

| SITE WIND ZONE (As per NZS3604) | MINIMUM mm X TRANSVERSE FLASHING OVER ROOFING |
|---|---|
| SITUATION 1 (1) | 130 (2) |
| SITUATION 2 & 3 (1) | 200 (2) |

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDING ANY SOFT EDGE OR TURN DOWN
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
5. FOR OTHER RIDGE AND HIP FLASHINGS REFER TO NEW ZEALAND METAL ROOF & WALL CLADDING CODE OF PRACTICE OR E2/AS1
6. FOR MORE INFORMATION REGARDING VENTING AT APEX REFER TO NZMRM COP

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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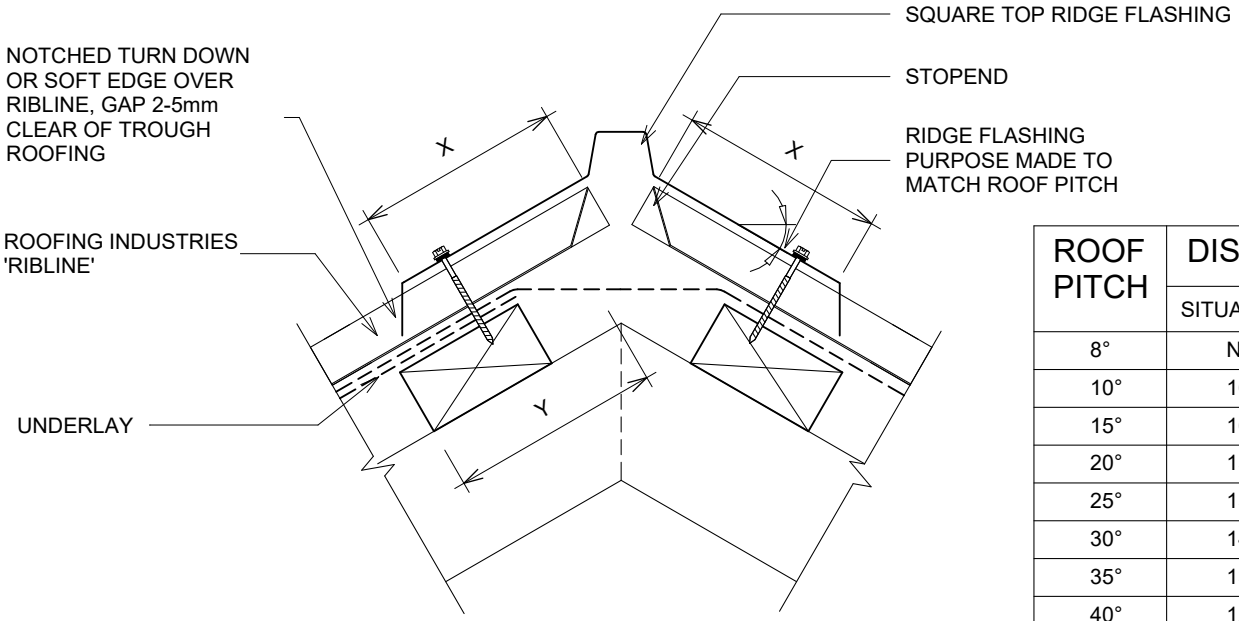
# RESIDENTIAL RIBLINE® ROOFING
# RIDGE AND HIP FLASHING (SQUARE TOP)

Detail Number: RI-RRR-070B
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| ROOF PITCH | DISTANCE Y mm | |
|---|---|---|
| | SITUATION 1 | SITUATION 2 |
| 8° | N/A | 218 |
| 10° | 167 | 217 |
| 15° | 162 | 212 |
| 20° | 156 | 206 |
| 25° | 150 | 200 |
| 30° | 143 | 193 |
| 35° | 134 | 184 |
| 40° | 125 | 175 |
| 45° | 115 | 165 |

FOR STANDARD 70x45mm PURLINS ON FLAT

| SITE WIND ZONE (As per NZS3604) | MINIMUM mm X |
|---|---|
| | TRANSVERSE FLASHING OVER ROOFING |
| SITUATION 1 (1) | 130 (2) |
| SITUATION 2 & 3 (1) | 200 (2) |

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDING ANY SOFT EDGE OR TURN DOWN
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. FOR OTHER RIDGE AND HIP FLASHINGS REFER TO NEW ZEALAND METAL ROOF & WALL CLADDING CODE OF PRACTICE OR E2/AS1
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
6. FOR MORE INFORMATION REGARDING VENTING AT APEX REFER TO NZMRM COP

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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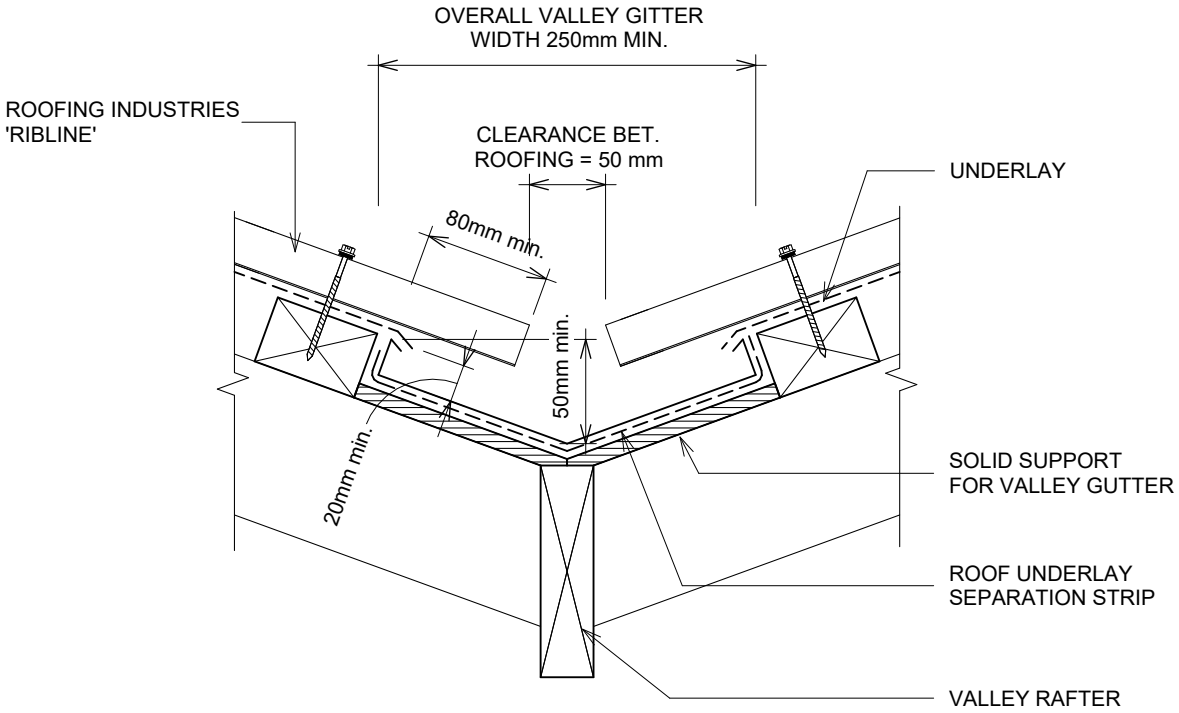
# RESIDENTIAL RIBLINE® ROOFING VALLEY DETAIL

Detail Number: RI-RRR-080
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| GUTTER WIDTH | MAXIMUM CATCHMENT AREA | MIN ROOF PITCH (5) |
|---|---|---|
| 250mm | 25m2 | 8° |
| 160mm | 16m2 | 12.5° |

DESIGN ANNOTATION:

1. GUTTERS IN ACCORDANCE WITH NEW ZEALAND BUILDING CODE E2/AS1
2. RAINFALL INTENSITY WITH AVERAGE RECURRENCE INTERVAL (ARI) NO GREATER THAN 200 mm PER HOUR
3. MINIMUM WIDTH OF VALLEY GUTTER MAY REDUCE TO 160mm, PROVIDING ROOF CATCHMENT AREA IS IN ACCORDANCE WITH THE TABLE ABOVE. IN THIS CASE, COVER OF ROOF CLADDING OVER GUTTER SHALL BE REDUCED TO 6O mm TO PROVIDE A CLEARANCE GAP OF 40mm. (REFER TO E2/AS1)
4. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
5. FOR ROOF PITCHES 8° OR GREATER. FOR LESSOR PITCHES USE INTERNAL GUTTER OR REFER TO MRM CODE OF PRACTICE
6. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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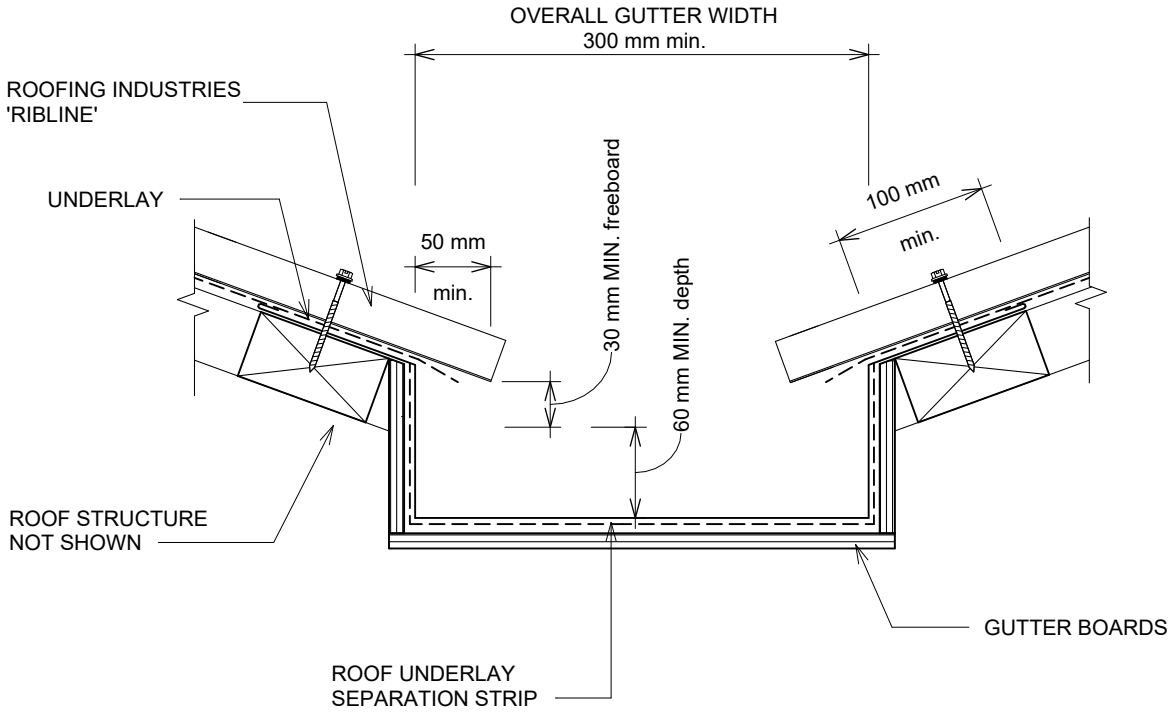
# RESIDENTIAL RIBLINE® ROOFING
# INTERNAL GUTTER

Detail Number: RI-RRR-090
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




DETAIL ANNOTATION:

1. INTERNAL GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE. REFER E2/AS1
2. INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL'S COMPATIBLE WITH THE ROOFING MATERIAL.
3. GUTTER SIZES TO BE CALCULATED FROM E1/AS1
4. ALTERNATIVELY REFER TO MRM COP
5. ALLOW FOR SEPARATION FROM ANY CORROSIVE TIMBER TREATMENTS
6. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
7. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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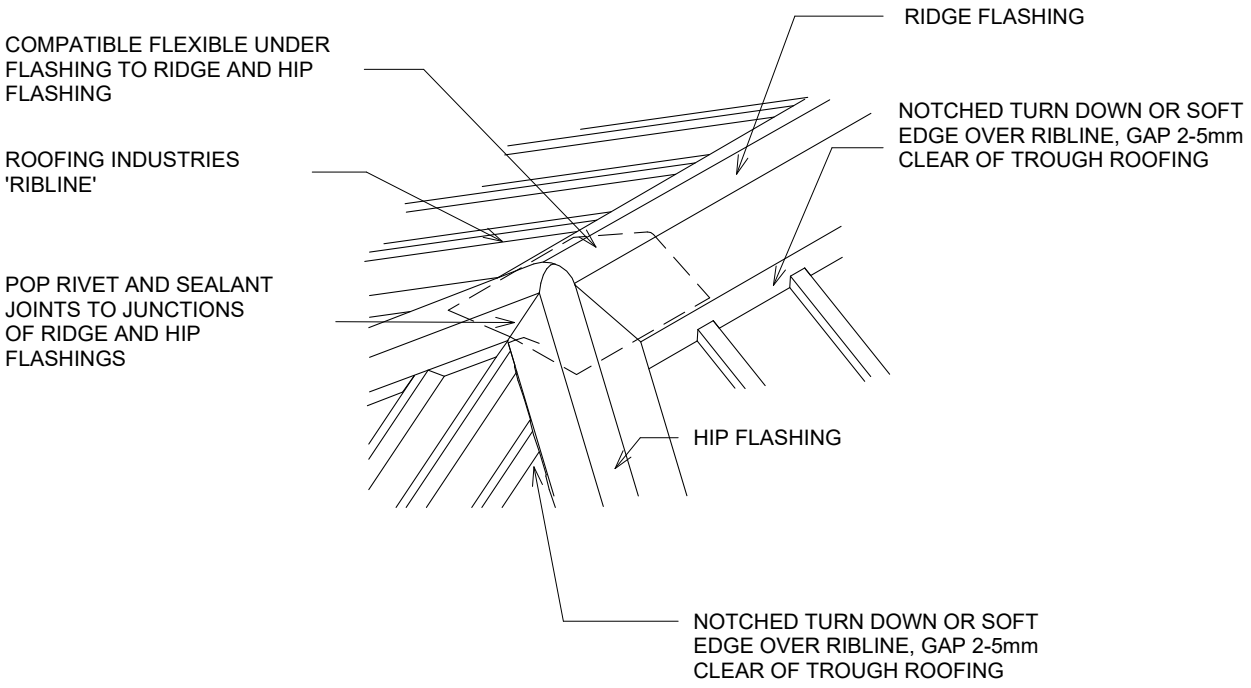
# RESIDENTIAL RIBLINE® ROOFING
# RIDGE - HIP FLASHING DETAIL

Detail Number: RI-RRR-100
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




DETAIL ANNOTATION:

FLASHING COVER VARIES (REFER TO TABLE FOR RIDGE/HIP - TRANSVERSE FLASHING OVER ROOFING)

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. FOR OTHER RIDGE TO HIP FLASHINGS REFER TO NEW ZEALAND METAL ROOF & WALL CLADDING CODE OF PRACTICE
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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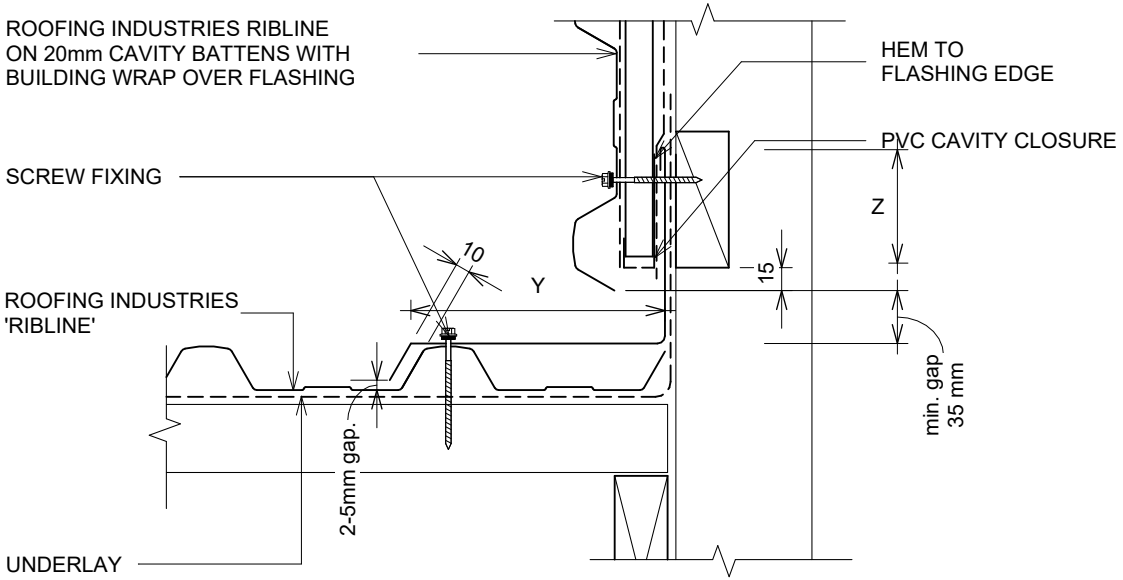
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL APRON FLASHING (HORIZ RIBLINE ON CAVITY)

Detail Number: RI-RRR-110A
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM | |
|---|---|---|
| | Z | Y |
| SITUATION 1 & 2 (1) | 75mm (1) | 2 crests |
| SITUATION 3 (1) | 90mm (1) | 2 crests |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. ALTERNATIVELY REFER TO E2/AS1
4. CAVITY BATTENS CONTAINING CORROSIVE TREATMENTS MUST BE SEPARATED FROM METAL CLADDING BY DPC, WALL UNDERLAY, PVC OR PAINTING
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:
- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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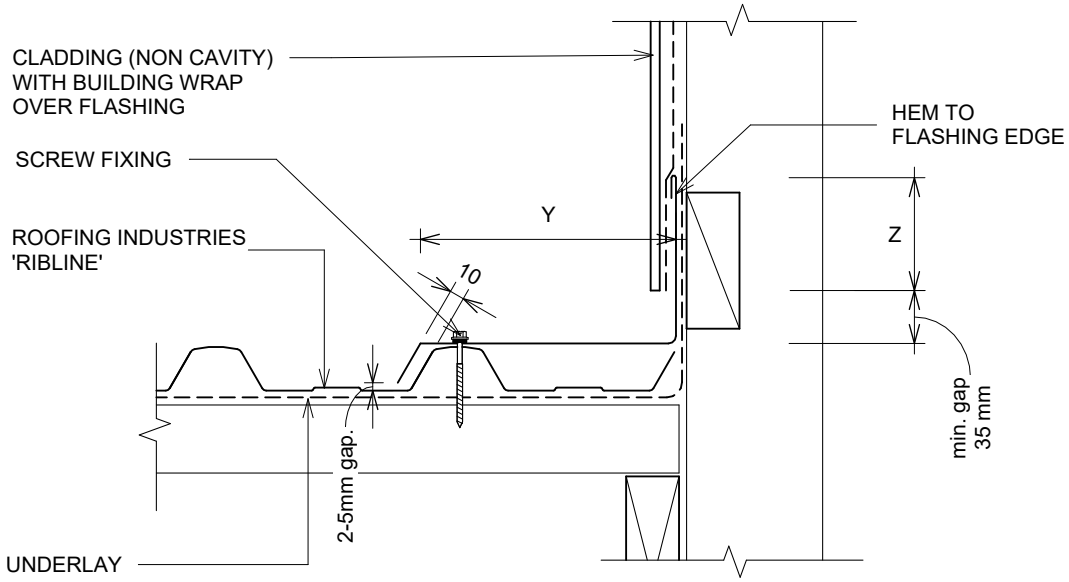
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL APRON FLASHING (NON CAVITY)

Detail Number: RI-RRR-110B
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM | |
|---|---|---|
| | Z | Y |
| SITUATION 1 & 2 (1) | 75mm (1) | 2 crests |
| SITUATION 3 (1) | 90mm (1) | 2 crests |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:
- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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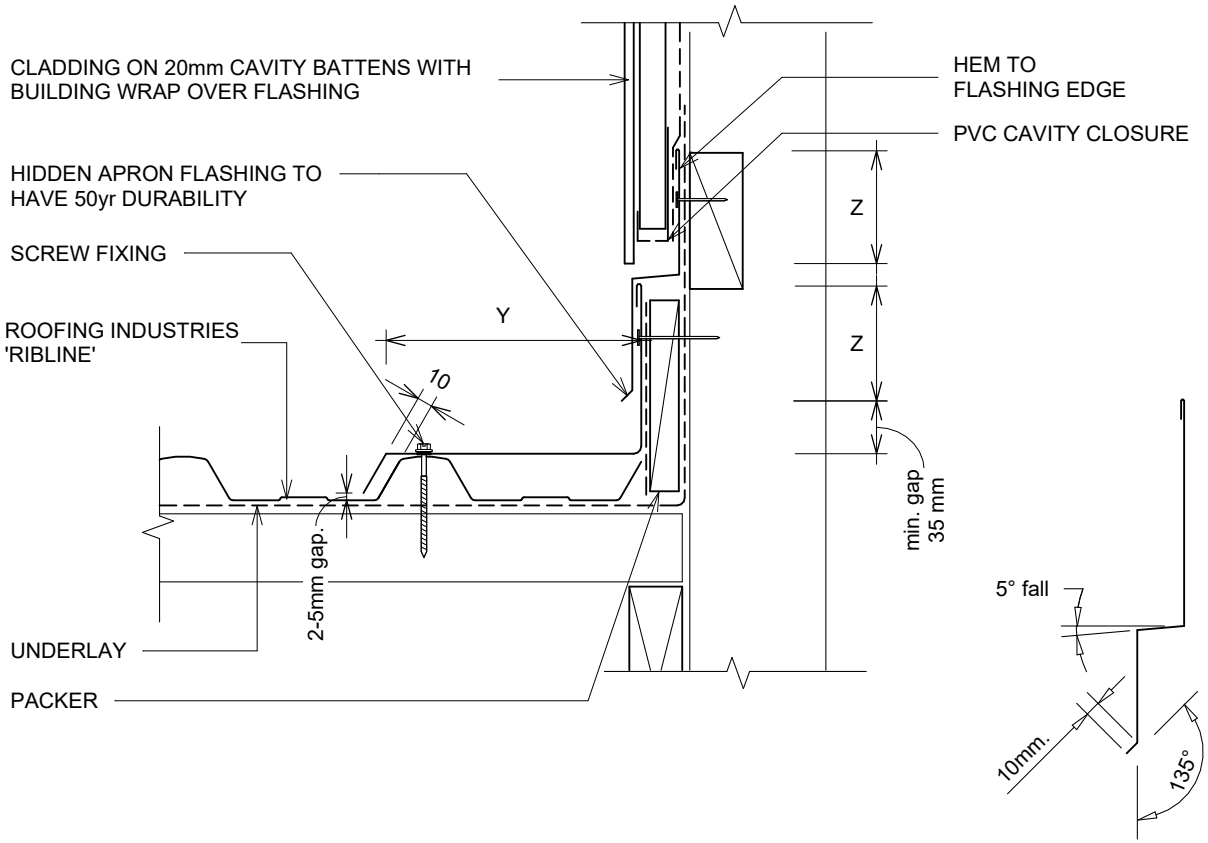
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL APRON 2 PIECE FLASHING (CAVITY)

Detail Number: RI-RRR-110C
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM | |
|---|---|---|
| | Z | Y |
| SITUATION 1 & 2 (1) | 75mm (1) | 2 crests |
| SITUATION 3 (1) | 90mm (1) | 2 crests |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. CAVITY BATTENS CONTAINING CORROSIVE TREATMENTS MUST BE SEPARATED FROM METAL CLADDING BY DPC, WALL UNDERLAY, PVC OR PAINTING
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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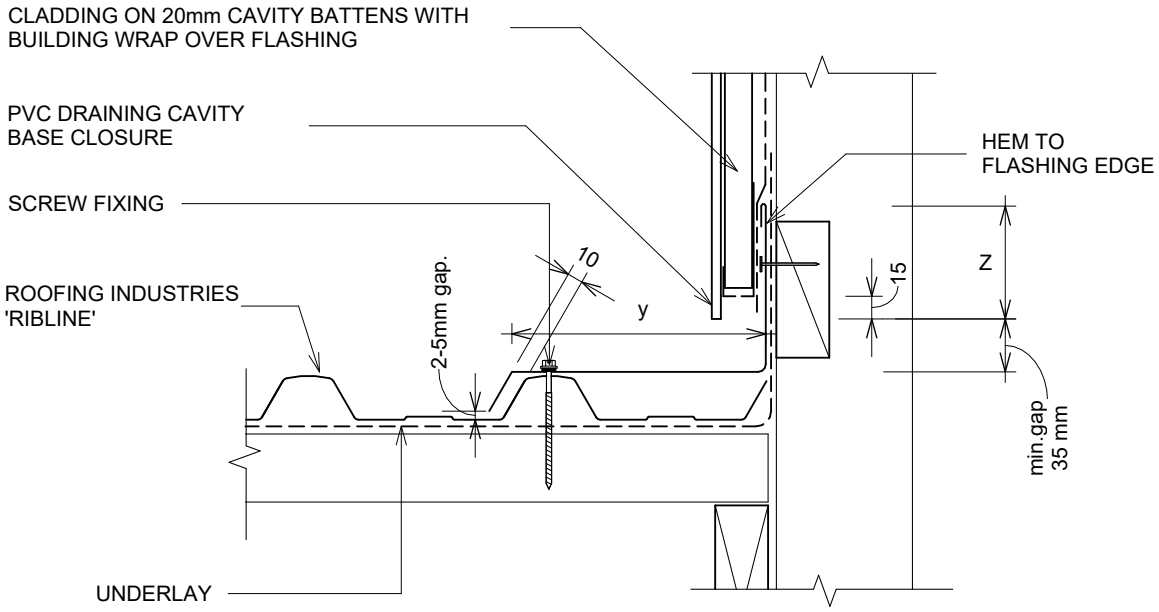
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL APRON FLASHING (CAVITY)

Detail Number: RI-RRR-110D
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM | |
|---|---|---|
| | Z | Y |
| SITUATION 1 & 2 (1) | 75mm (1) | 2 crests |
| SITUATION 3 (1) | 90mm (1) | 2 crests |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. CAVITY BATTENS CONTAINING CORROSIVE TREATMENTS MUST BE SEPARATED FROM METAL CLADDING BY DPC, WALL UNDERLAY, PVC OR PAINTING
4. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:
- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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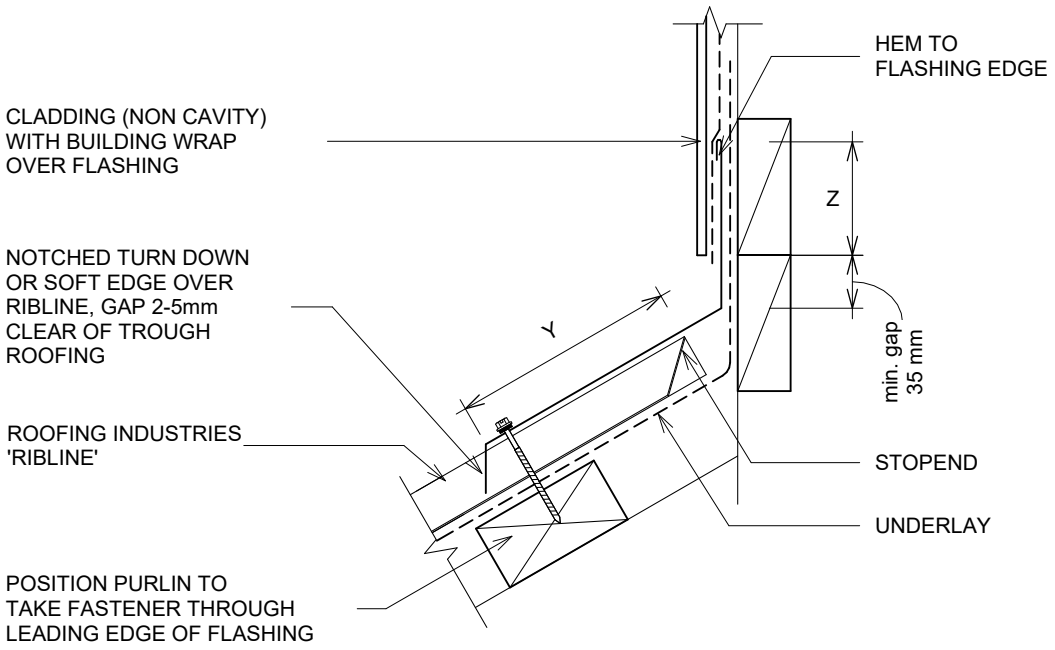
# RESIDENTIAL RIBLINE® ROOFING
# APRON FLASHING (NON CAVITY)

Detail Number: RI-RRR-120A
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM mm | |
|---|---|---|
| | Z | Y (2) |
| SITUATION 1 | 75mm | 130mm |
| SITUATION 2 | 75mm | 200mm |
| SITUATION 3 | 90mm | 200mm |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDE ANY SOFT EDGE OR TURN DOWN
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:
- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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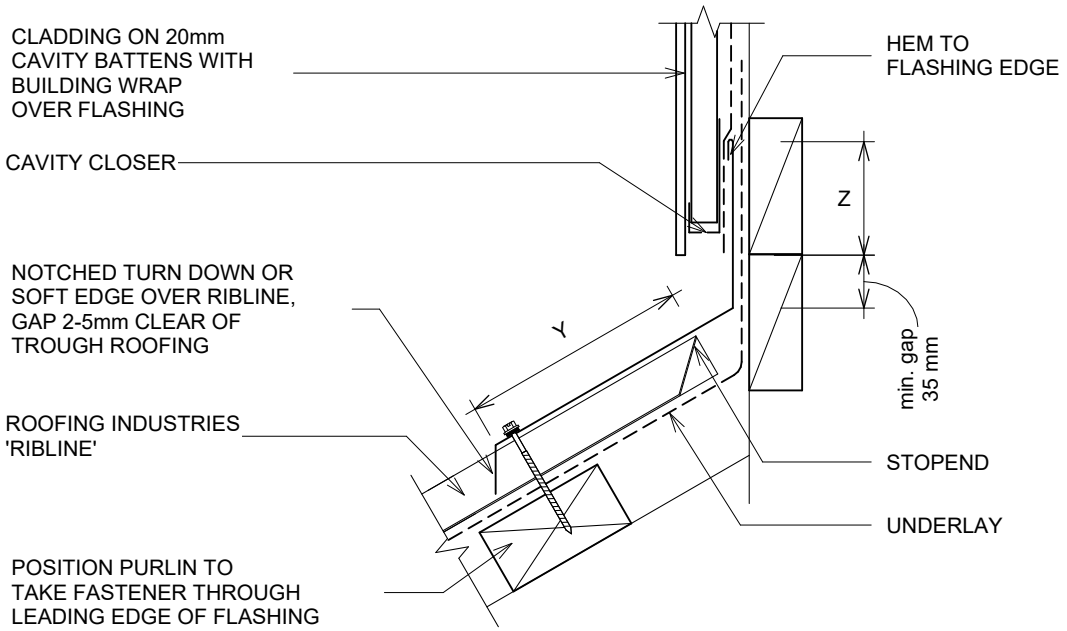
# RESIDENTIAL RIBLINE® ROOFING
# APRON FLASHING (CAVITY)

Detail Number: RI-RRR-120B
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM mm | |
|---|---|---|
| | Z (1) | Y (2) |
| SITUATION 1 | 75mm | 130mm |
| SITUATION 2 | 75mm | 200mm |
| SITUATION 3 | 90mm | 200mm |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDES DOWNTURN
3. CAVITY BATTENS CONTAINING CORROSIVE TREATMENTS MUST BE SEPARATED FROM METAL CLADDING BY DPC, WALL UNDERLAY, PVC OR PAINTING
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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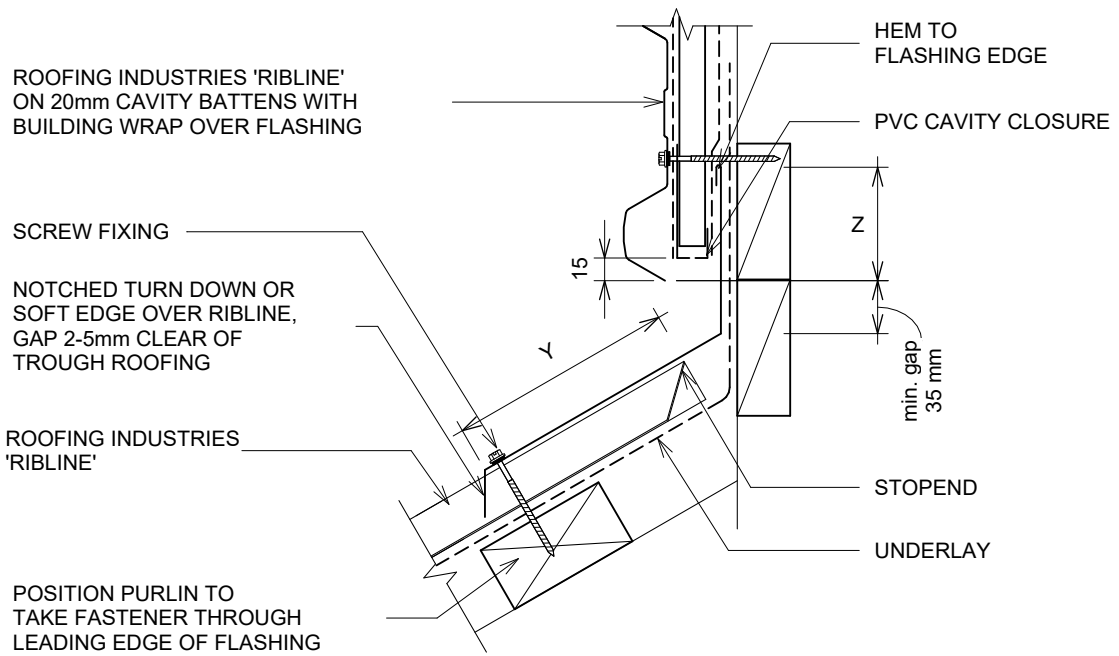
# RESIDENTIAL RIBLINE® ROOFING
# APRON FLASHING (HORIZ RIBLINE ON CAVITY)

Detail Number: RI-RRR-120C
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM mm | |
|---|---|---|
| | Z (1) | Y (2) |
| SITUATION 1 | 75mm | 130mm |
| SITUATION 2 | 75mm | 200mm |
| SITUATION 3 | 90mm | 200mm |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDES DOWNTURN
3. CAVITY BATTENS CONTAINING CORROSIVE TREATMENTS MUST BE SEPARATED FROM METAL CLADDING BY DPC, WALL UNDERLAY, PVC OR PAINTING
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:
- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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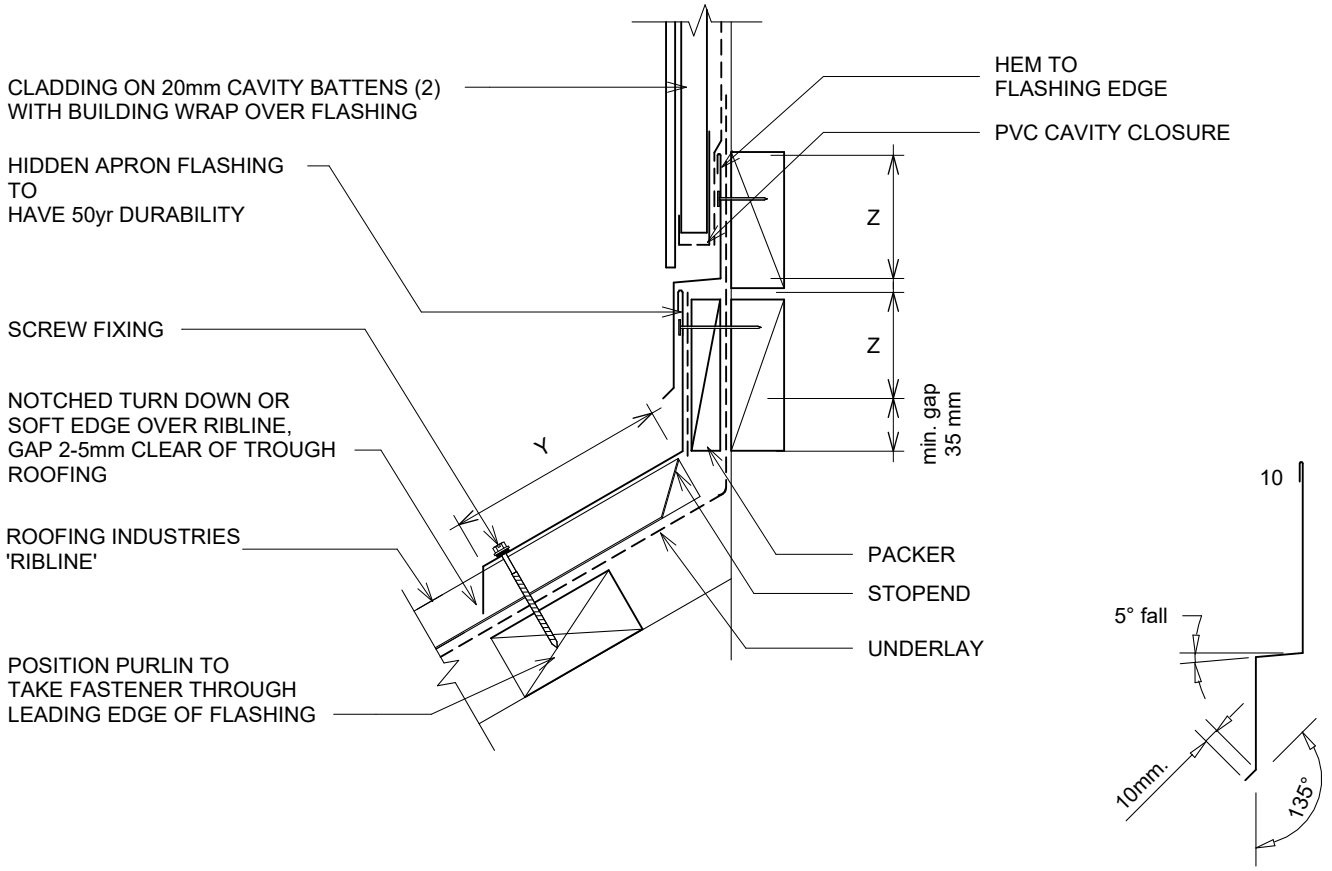
# RESIDENTIAL RIBLINE® ROOFING
# APRON 2 PIECE FLASHING (CAVITY)

Detail Number: RI-RRR-130B
Date drawn: 25/07/2024
Scale: 1 : 5@ A4







| SITE WIND ZONE (As per NZS3604) | MINIMUM mm | |
|---|---|---|
| | Z (1) | Y (3) |
| SITUATION 1 | 75mm | 130mm |
| SITUATION 2 | 75mm | 200mm |
| SITUATION 3 | 90mm | 200mm |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;
1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. CAVITY BATTENS CONTAINING CORROSIVE TREATMENTS MUST BE SEPARATED FROM METAL CLADDING BY DPC, WALL UNDERLAY, PVC OR PAINTING
3. EXCLUDING ANY SOFT EDGE OR TURN DOWN
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:
- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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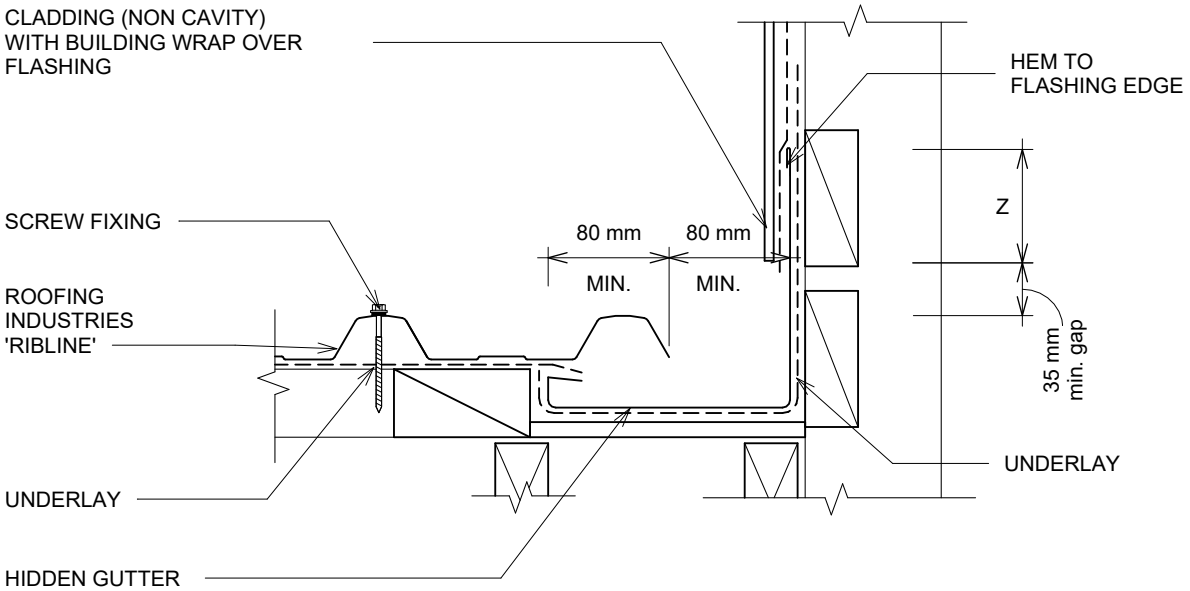
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL HIDDEN GUTTER (NON CAVITY)

Detail Number: RI-RRR-140A
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM |
|---|---|
| | Z |
| SITUATION 1 & 2 (1) | 75mm |
| SITUATION 3 (1) | 90mm |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. WHERE GUTTER FINISHES WITHIN THE LENGTH OF THE WALL, STEP LOWER PART OF GUTTER OUT TO 10mm PAST THE CLADDING LINE, WHILE MAINTAINING REQUIRED CLEARANCES, TO ALLOW THE GUTTER TO FEED INTO LOWER EAVES GUTTER
3. INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL'S COMPATIBLE WITH THE ROOFING MATERIAL
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
6. GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE AND DESIGNED IN ACCORDANCE WITH THE NZMRM COP
7. ALLOW FOR SEPARATION FROM ANY CORROSIVE TIMBER TREATMENTS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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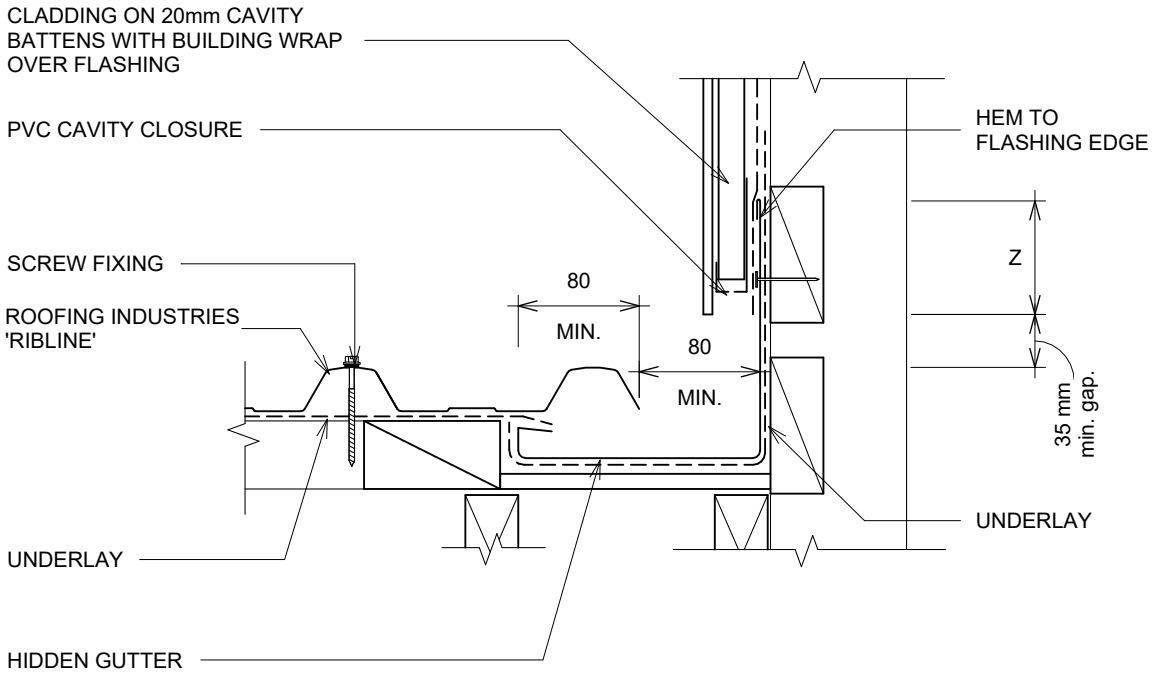
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL HIDDEN GUTTER (CAVITY)

Detail Number: RI-RRR-140B
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM |
|---|---|
| | Z |
| SITUATION 1 & 2 (1) | 75mm |
| SITUATION 3 (1) | 90mm |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. WHERE GUTTER FINISHES WITHIN THE LENGTH OF THE WALL, STEP LOWER PART OF GUTTEROUT TO 10mm PAST THE CLADDING LINE, WHILE MAINTAINING REQUIRED CLEARANCES, TO ALLOW THE GUTTER TO FEED INTO LOWER EAVES GUTTER
3. INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL'S COMPATIBLE WITH THE ROOFING MATERIAL
4. FOR GUTTER SIZING REFER TO E1/AS1 AND/OR E2/AS1
5. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
6. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
7. GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE AND DESIGNED IN ACCORDANCE WITH THE NZMRM COP
8. ALLOW FOR SEPARATION FROM ANY CORROSIVE TIMBER TREATMENT

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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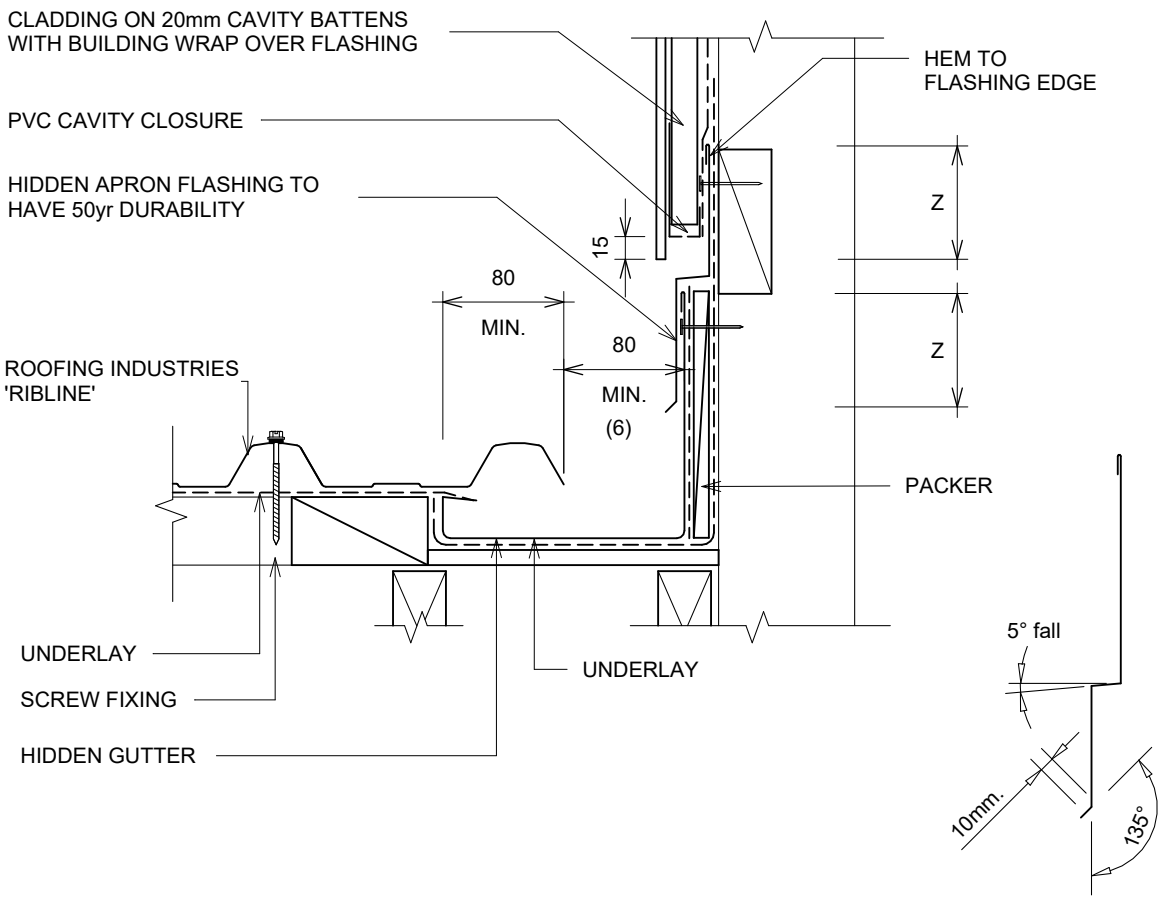
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL HIDDEN 2 PIECE GUTTER (CAVITY)

Detail Number: RI-RRR-140C
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MINIMUM Z |
|---|---|
| SITUATION 1 & 2 (1) | 75mm |
| SITUATION 3 (1) | 90mm |

DETAIL ANNOTATION:

DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL;

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. ALTERNATIVELY REFER TO E2/AS1
3. WHERE GUTTER FINISHES WITHIN THE LENGTH OF THE WALL, STEP LOWER PART OF GUTTEROUT TO 10mm PAST THE CLADDING LINE, WHILE MAINTAINING REQUIRED CLEARANCES, TO ALLOW THE GUTTER TO FEED INTO LOWER EAVES GUTTER
4. INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL'S COMPATIBLE WITH THE ROOFING MATERIAL
5. GUTTER SIZES TO BE CALCULATED FROM E1/AS1
6. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
7. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
8. GUTTER SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA BUT SHALL BE NO LESS THAN SHOWN IN THIS FIGURE AND DESIGNED IN ACCORDANCE WITH THE NZMRM COP
9. ALLOW FOR SEPARATION FROM ANY CORROSIVE TIMBER TREATMENT

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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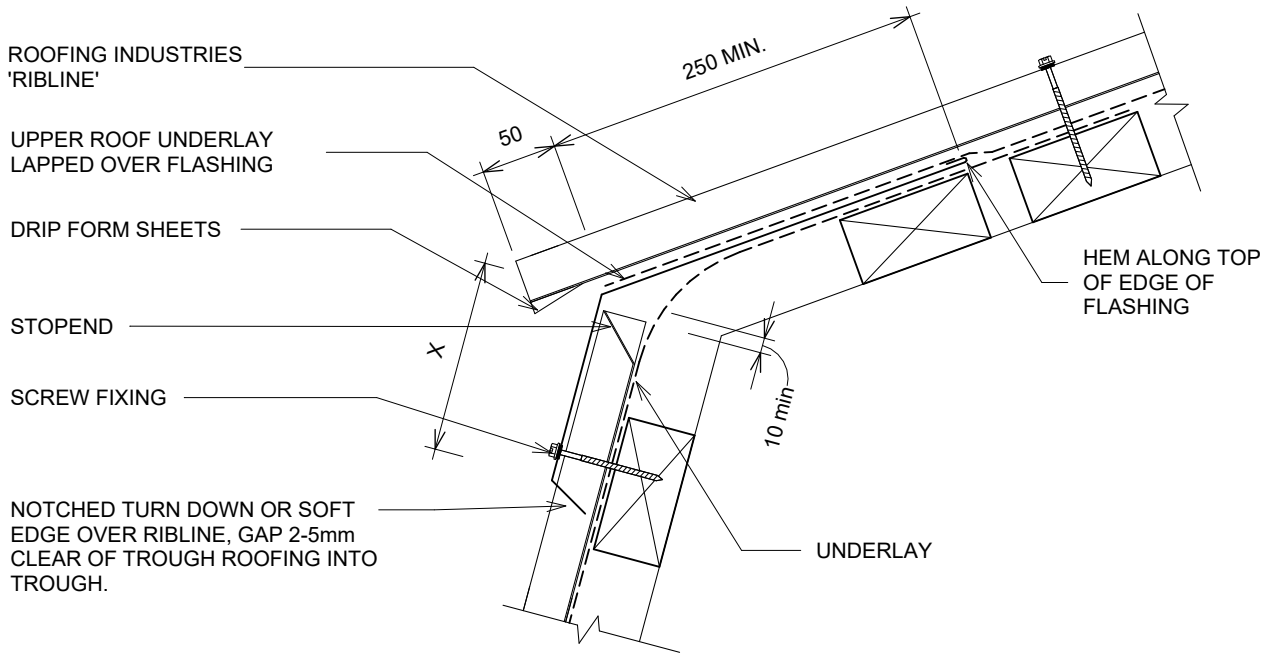
# RESIDENTIAL RIBLINE® ROOFING
# MANSARD / EXTERNAL CHANGE IN PITCH FLASHING

Detail Number: RI-RRR-150
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




| SITE WIND ZONE (As per NZS3604) | MIN mm UPPER LAP UNDER ROOFING | (X) (2) TRANSVERSE FLASHING OVER ROOFING |
|---|---|---|
| SITUATION 1 (1) | 250mm | 150mm |
| SITUATION 2 (1) | 250mm | 200mm |
| SITUATION 3 (1) | (3) | |

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. EXCLUDING ANY SOFT EDGE OR TURN DOWN TO ROOFING
3. NOT PERMITTED UNDER E2/AS1, REFER TO NZMRM METAL ROOF & WALL CLADDING CODE OF PRACTICE
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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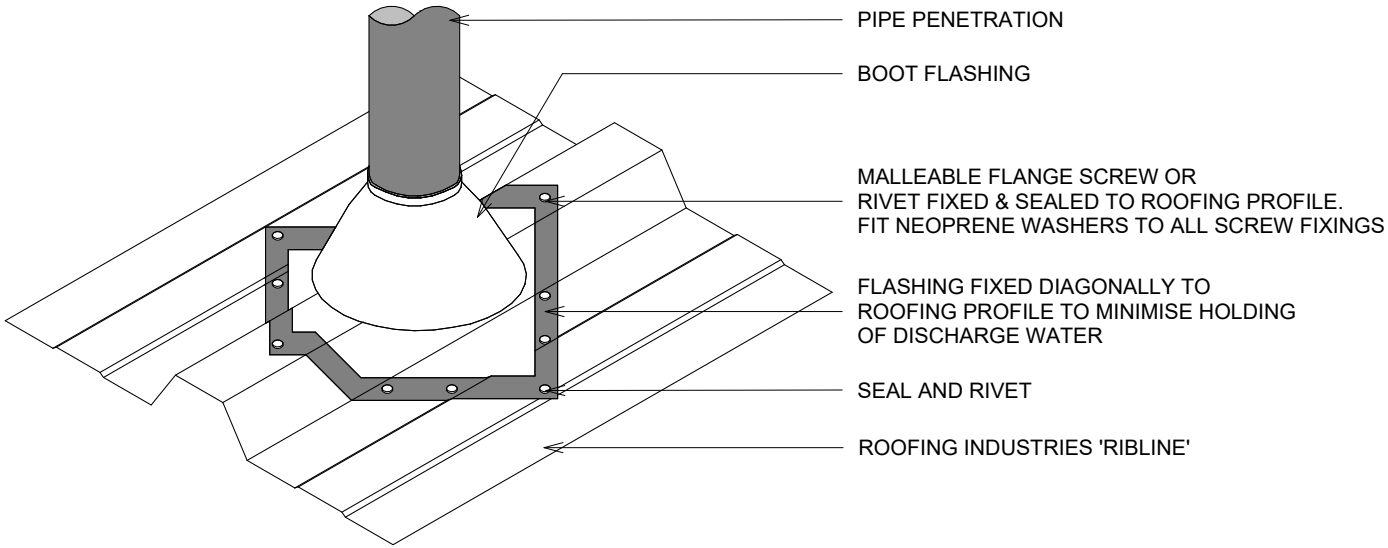
# RESIDENTIAL RIBLINE® ROOFING

# BOOT FLASHING FOR UP TO 85mm DIA PIPE

Detail Number: RI-RRR-160

Date drawn: 25/07/2024




DETAIL ANNOTATION:

1. FOR PIPES UP TO 85mm DIAMETER
2. MAX ROOF PITCH FOR THIS FLASHING 45°, MIN PITCH 10°
3. ALTERNATIVELY REFER TO MRM COP
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
- This drawing is the copyright of 'Roofing Industries' and can only be copied or reproduced with their permission.
- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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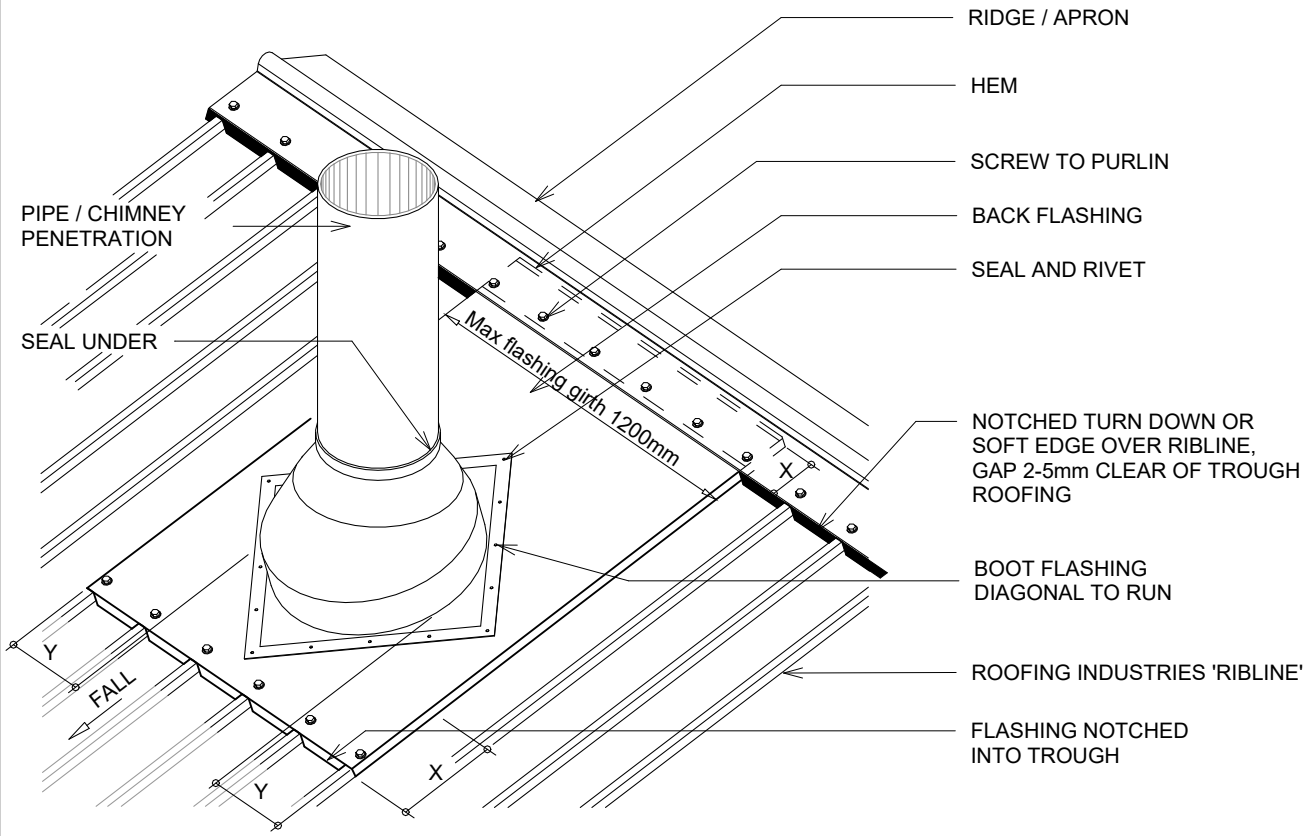
# RESIDENTIAL RIBLINE® ROOFING

Detail Number: RI-RRR-170A

Date drawn: 25/07/2024

# WATERSHED FLASHING FOR PIPE / CHIMNEY PENETRATION UP TO 500mm DIA.




| SITE WIND ZONE (As per NZS3604) | MIN mm (cover) | |
|---|---|---|
| | X | Y |
| SITUATION 1 (1) | 150 | 2 CRESTS |
| SITUATION 2 & 3 (1) | 200 | 2 CRESTS |

DETAIL ANNOTATION:

1. SUITABLE FOR PIPES UP TO 500mm DIAMETER
2. ALTERNATIVELY REFER TO MRM COP
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. ALTERNATIVELY REFER TO MRM COP
5. ADDITION SUPPORT FRAMING REQUIRED WHEN PENETARTION EXCEEDS 200mm THROUGH ROOF

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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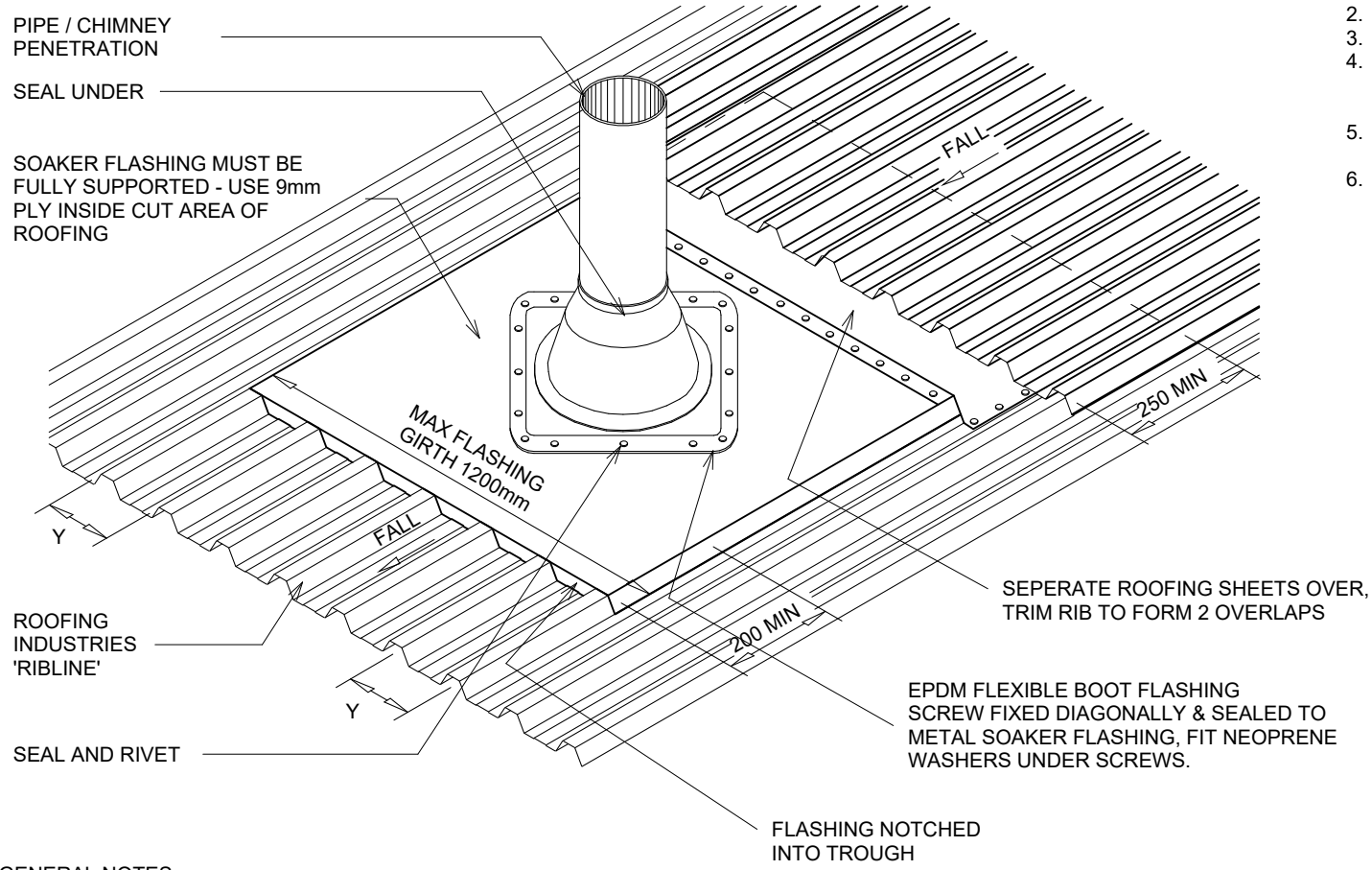
# RESIDENTIAL RIBLINE® ROOFING

Detail Number: RI-RRR-170B

Date drawn: 25/07/2024

# SOAKER FLASHING FOR PIPE / CHIMNEY PENETRATION (85-500mm DIA, MID ROOF)




DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. SUITABLE FOR PIPES UP TO 500mm DIAMETER
3. ALTERNATIVELY REFER TO MRM COP
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
5. ADDITION SUPPORT FRAMING REQUIRED WHEN PENETARTION EXCEEDS 200mm THROUGH ROOF
6. MINIMUM ROOF PITCH FOR THIS FLASHING 10˚

| SITE WIND ZONE (As per NZS3604) | MIN mm (cover) | |
|---|---|---|
| | X | Y |
| SITUATION 1 (1) | 150 | 2 CRESTS |
| SITUATION 2 & 3 (1) | 200 | 2 CRESTS |

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
- These details are for Roofing Industries profile/s as nominated and may not be applicable to other profiles.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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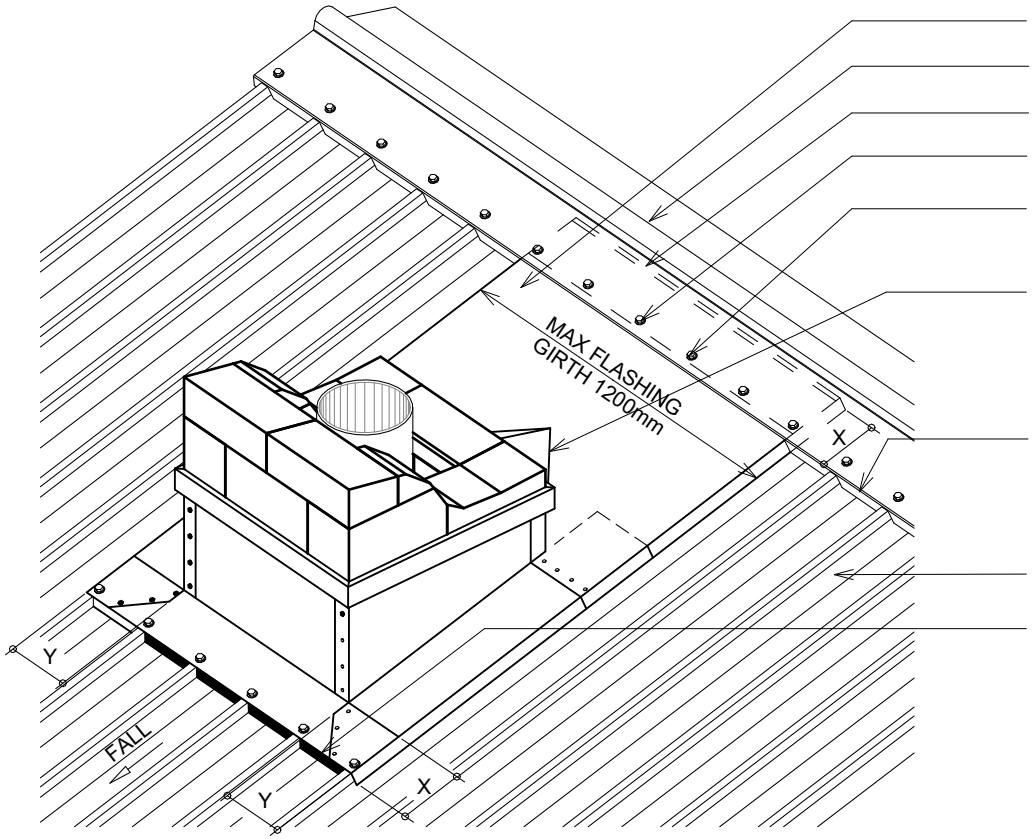
# RESIDENTIAL RIBLINE® ROOFING
# WATERSHED CHIMNEY FLASHING

Detail Number: RI-RRR-180A

Date drawn: 25/07/2024




BACK FLASHING

RIDGE / APRON

HEM

SEAL AND FASTEN

SCREW TO PURLIN

ARROW HEAD OR CRICKET DIVERTER FLASHING

NOTCHED TURN DOWN OR SOFT EDGE OVER RIBLINE, GAP 2-5mm CLEAR OF TROUGH ROOFING

ROOFING INDUSTRIES 'RIBLINE'

FLASHING NOTCH EDGE DRESSED INTO PROFILE

LAYING SEQUENCE:

A. SOFTEDGE APRON,
B. SIDE FLASHING,
C. BACK FLASHING,
D. COVER FLASHING (CHASED)
E. SEAL & RIVET AS REQUIRED

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. ALTERNATIVELY REFER TO MRM COP
3. ADDITION SUPPORT FRAMING REQUIRED WHEN PENETRATION EXCEEDS 200mm THROUGH ROOF
4. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED

| CATCHMENT WIDTH | MAX ROOF LENGTH ABOVE PENETRATION |
|---|---|
| 0-400 | 18 METRES |
| 400-600 | 16 METRES |
| 600-800 | 12 METRES |
| 800-1200 | 8 METRES |

| SITE WIND ZONE (As per NZS3604) | MIN mm (cover) | |
|---|---|---|
| | X | Y |
| SITUATION 1 (1) | 150 | 2 CRESTS |
| SITUATION 2 & 3 (1) | 200 | 2 CRESTS |

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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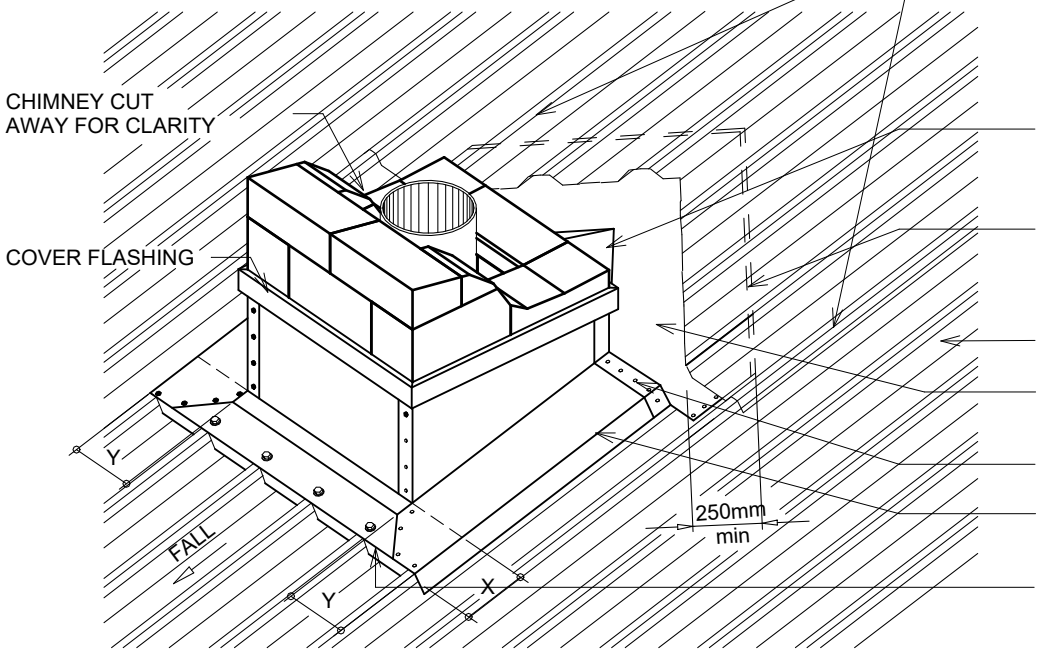
# RESIDENTIAL RIBLINE® ROOFING
# CHIMNEY FLASHING, MID ROOF

Detail Number: RI-RRR-180B

Date drawn: 25/07/2024

NOTE:
USE BACK FLASHING TO RIDGE WHERE POSSIBLE.




LAYING SEQUENCE:
A. SOFTEDGE APRON,
B. SIDE FLASHING,
C. BACK FLASHING,
D. COVER FLASHING (CHASED)
E. SEAL & RIVET AS REQUIRED

DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. ADDITION SUPPORT FRAMING REQUIRED WHEN PENETARTION EXCEEDS 200mm THROUGH ROOF
3. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
4. ALTERNATIVELY REFER TO E2/AS1

SUITABLE FOR ROOF PITCHES OF 10° OR HIGHER UNDER E2/AS1

| CATCHMENT WIDTH | MAX ROOF LENGTH ABOVE PENETRATION |
|---|---|
| 0-400 | 18 METRES |
| 400-600 | 16 METRES |
| 600-800 | 12 METRES |
| 800-1200 | 8 METRES |

| SITE WIND ZONE (As per NZS3604) | MIN mm (cover) | |
|---|---|---|
| | X | Y |
| SITUATION 1 (1) | 150 | 2 CRESTS |
| SITUATION 2 & 3 (1) | 200 | 2 CRESTS |

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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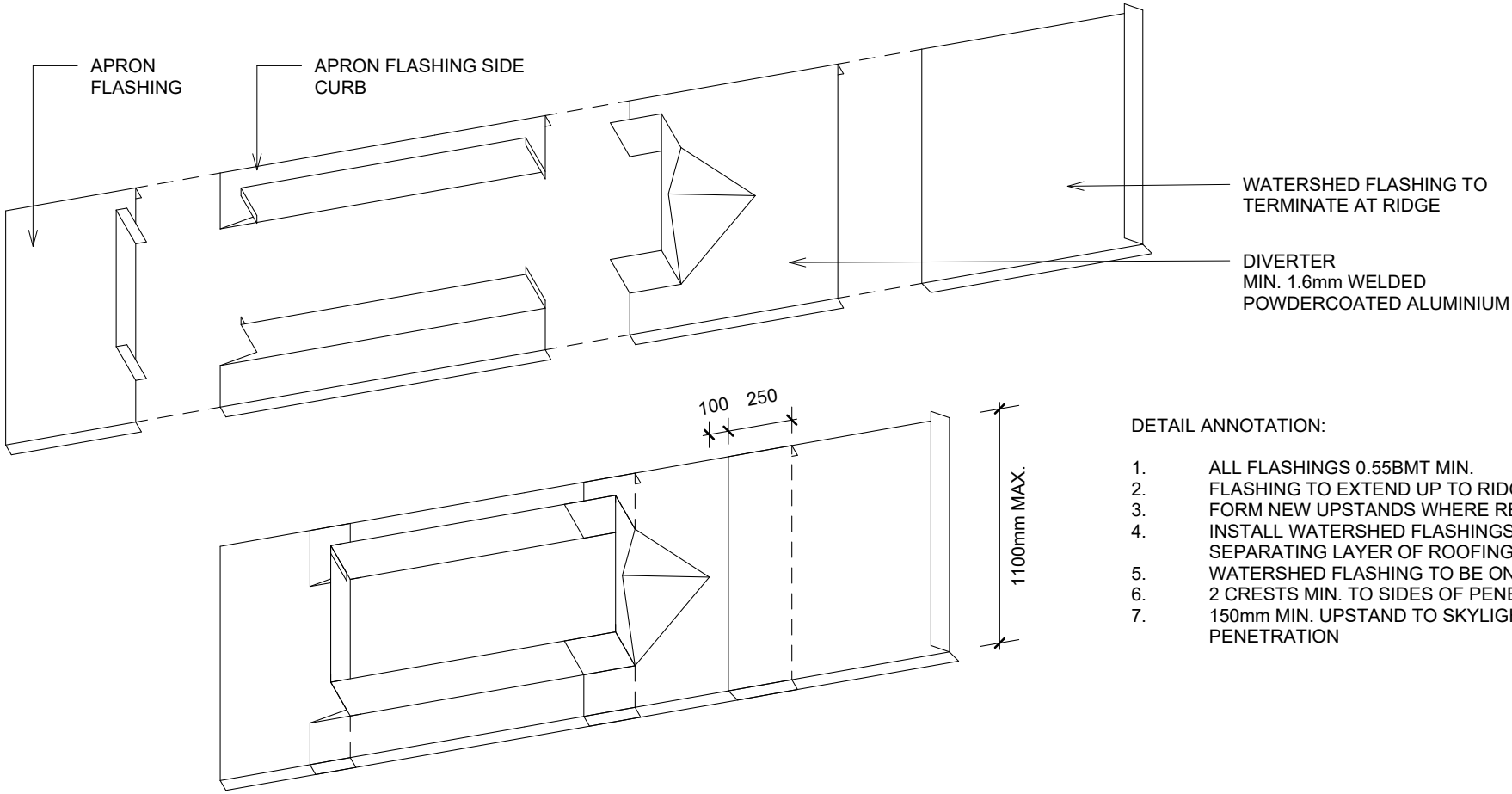
# RESIDENTIAL RIBLINE® ROOFING
# SKYLIGHT FLASHING

Detail Number: RI-RRR-190

Date drawn: 25/07/2024




DETAIL ANNOTATION:

1. ALL FLASHINGS 0.55BMT MIN.
2. FLASHING TO EXTEND UP TO RIDGE FLASHING
3. FORM NEW UPSTANDS WHERE REQUIRED
4. INSTALL WATERSHED FLASHINGS WITH SEPARATING LAYER OF ROOFING UNDERLAY
5. WATERSHED FLASHING TO BE ONE PIECE
6. 2 CRESTS MIN. TO SIDES OF PENETRATION
7. 150mm MIN. UPSTAND TO SKYLIGHT PENETRATION

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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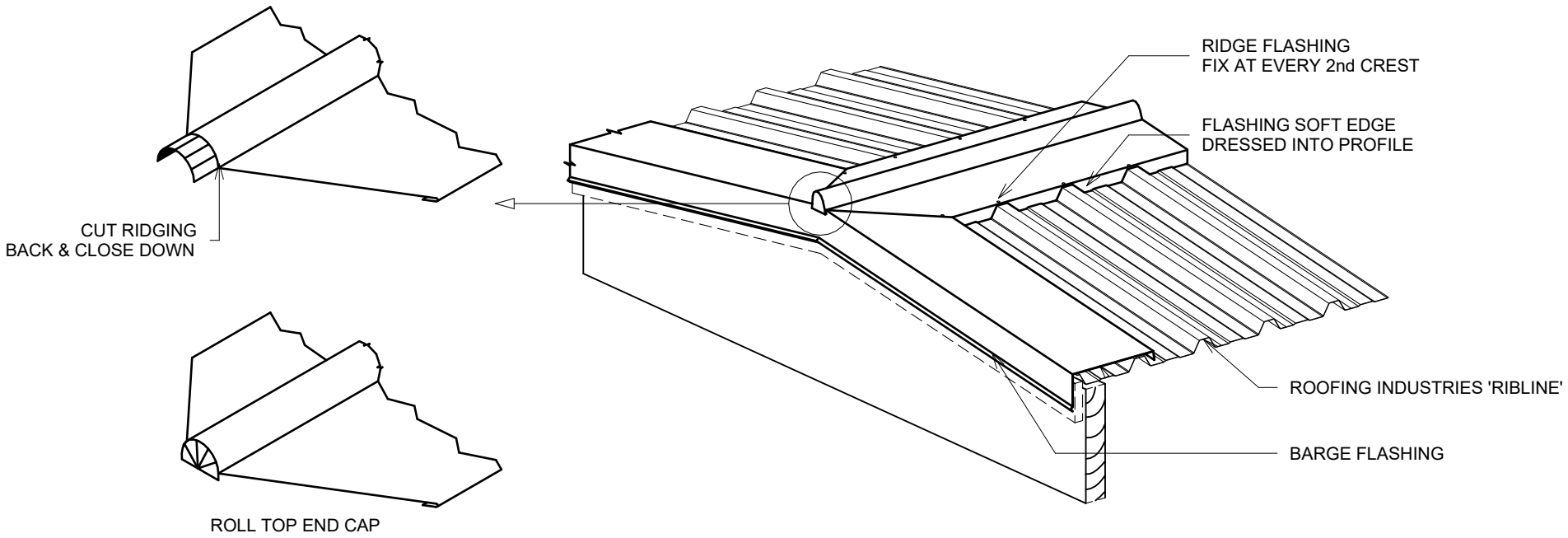
# RESIDENTIAL RIBLINE® ROOFING
# RIDGE / BARGE JUNCTION

Detail Number: RI-RRR-200
Date drawn: 25/07/2024




DETAIL ANNOTATION:

1. FOR RIDGE & BARGE COVERS REFER TO SEPARATE DRAWINGS
2. REFER TO MRM CODE OF PRACTICE

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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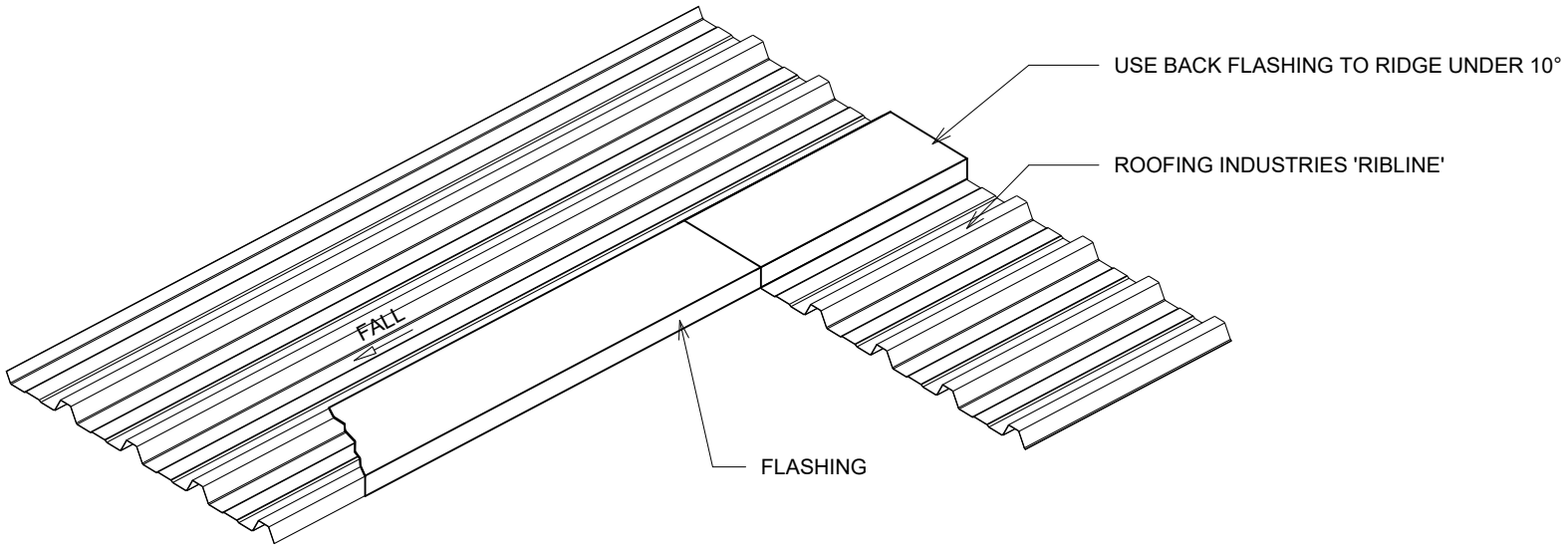
# RESIDENTIAL RIBLINE® ROOFING
# INTERNAL BARGE FLASHING

Detail Number: RI-RRR-210A
Date drawn: 25/07/2024




GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Further information can be obtained from the NZ Metal Roof & Wall Cladding Code of Practice: www.metalroofing.org.nz or E2/AS1 where applicable.
- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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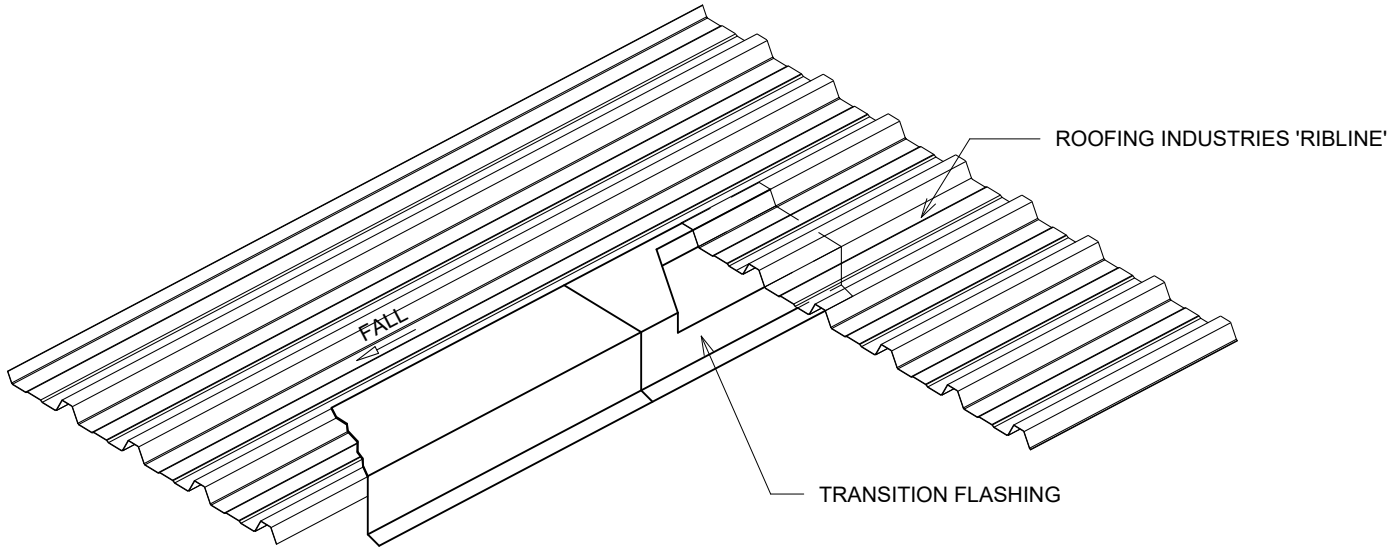
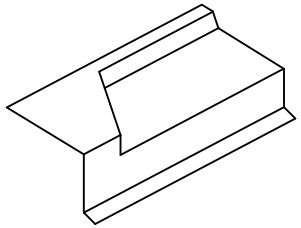
# RESIDENTIAL RIBLINE® ROOFING

# INTERNAL WELDED ALUMINIUM BARGE TRANSITION FLASHING

Detail Number: RI-RRR-210B

Date drawn: 25/07/2024



TRANSITION FLASHING

SUITABLE FOR PITCHES OF MINIMUM 10°. FOR LOWER PITCHES USE BACK FLASHING TO RIDGE

WELDED ALUMINUM TRANSITIONAL FLASHING SEAL TO SUIT PROFILE

GENERAL NOTES:

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- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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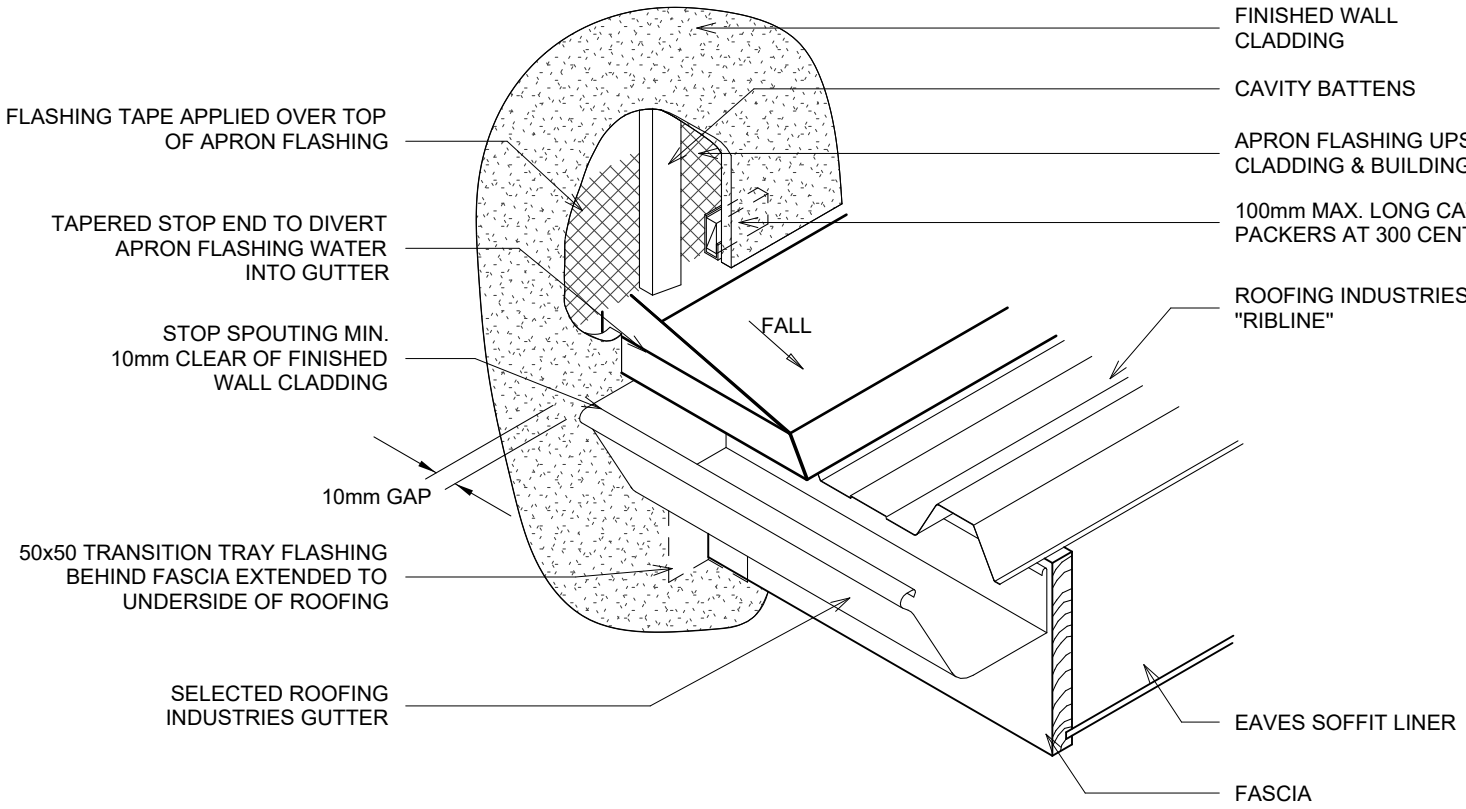
# RESIDENTIAL RIBLINE® ROOFING
# PARALLEL APRON DIVERTER JUNCTION

Detail Number: RI-RRR-220

Date drawn: 25/07/2024




DETAIL ANNOTATION:

1. DESIGNER TO ENSURE DURABILITY OF FLASHING MATERIAL; REFER TO DETAILS RRR010A, B, C & D FOR APRON FLASHING DETAILS
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. FOR MORE INFORMATION REFER TO E2/AS1

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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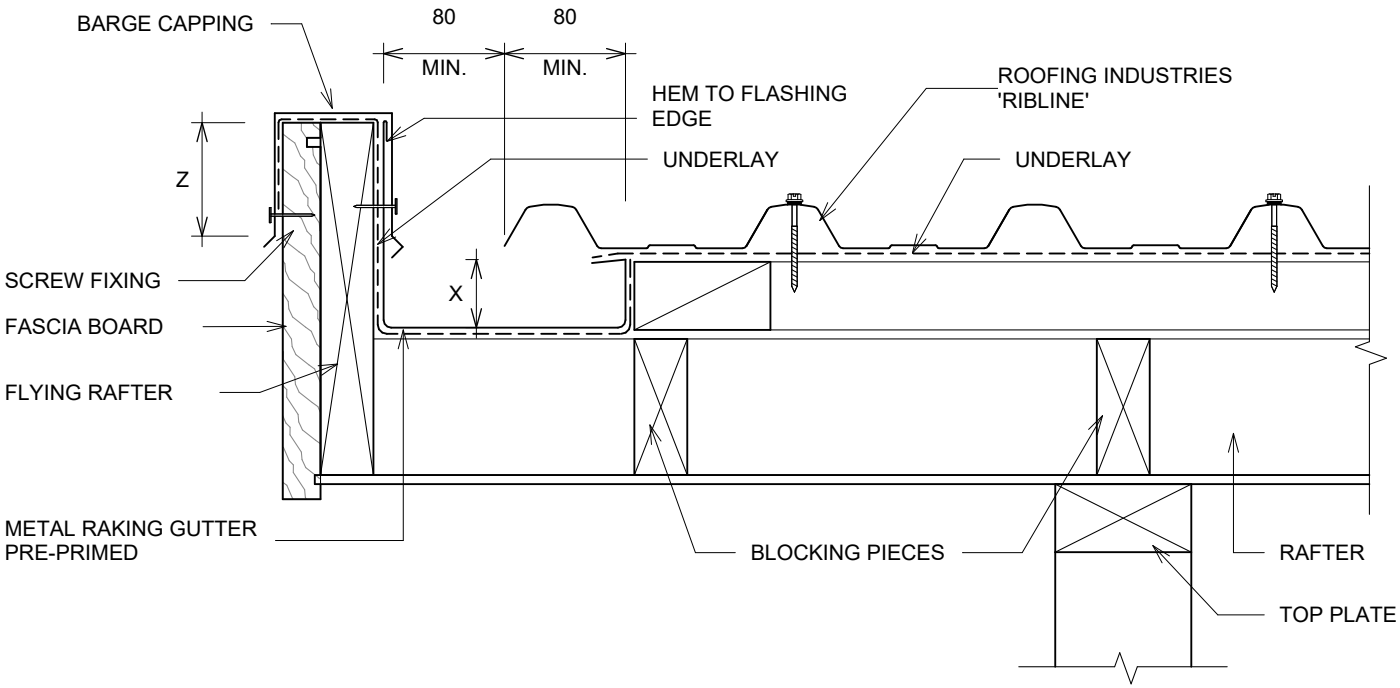
# RESIDENTIAL RIBLINE® ROOFING
# RAKING INTERNAL GUTTER

Detail Number: RI-RRR-230
Date drawn: 25/07/2024
Scale: 1 : 5@ A4




DETAIL ANNOTATION:

1. SITUATION 1, 2 & 3 AS PER E2/AS1 TABLE 7
2. INCREASE DISTANCE 'Z' BY 25mm WHEN AGAINST A PROFILED SURFACE OR TO 100mm WHICHEVER IS THE LESSER
3. INTERNAL GUTTER SHOULD BE MADE FROM NONFERROUS METAL'S COMPATIBLE WITH THE ROOFING MATERIAL
4. ALTERNATIVELY REFER TO MRM COP
5. ALTERNATIVELY REFER TO E2/AS1
6. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
7. REFER TO UNDERLAY MANUFACTURERS REQUIREMENTS FOR INSTALLATION RECOMMENDATIONS
8. GUTTERS SHALL BE SIZED TO SUIT THE ROOF CATCHMENT AREA IN ACCORDANCE WITH E1/AS1 AND/OR E2/AS1
9. ALLOW FOR SEPARATION FROM ANY CORROSIVE TIMBER TREATMENT

| SITE WIND ZONE (As per NZS3604) | MINIMUM | |
|---|---|---|
| | Z | X |
| SITUATION 1 (1) | 50mm | 20mm |
| SITUATION 2 (1) | 70mm | 20mm |
| SITUATION 3 (1) | 90mm | 20mm |

GENERAL NOTES:

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- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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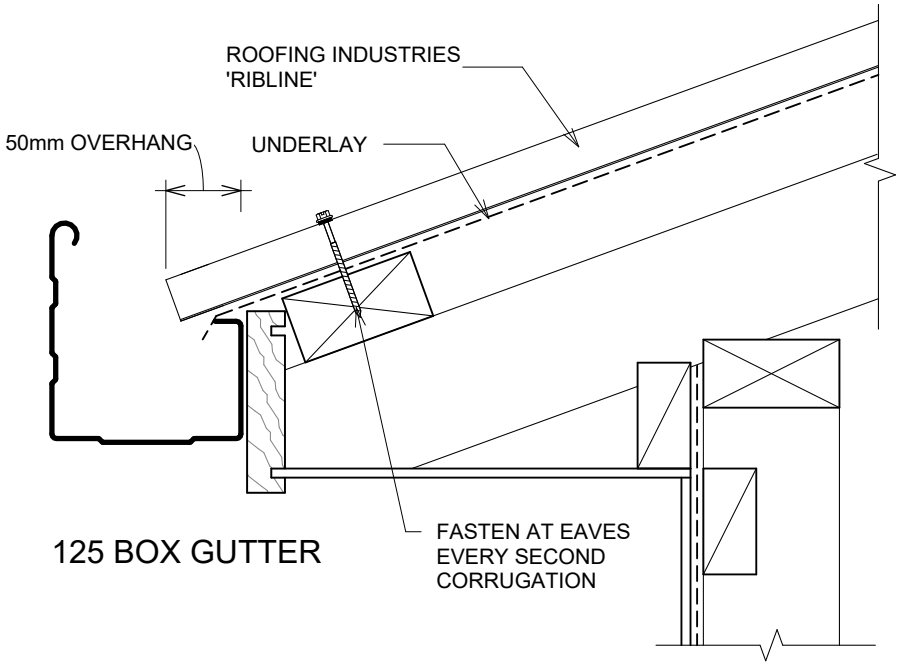
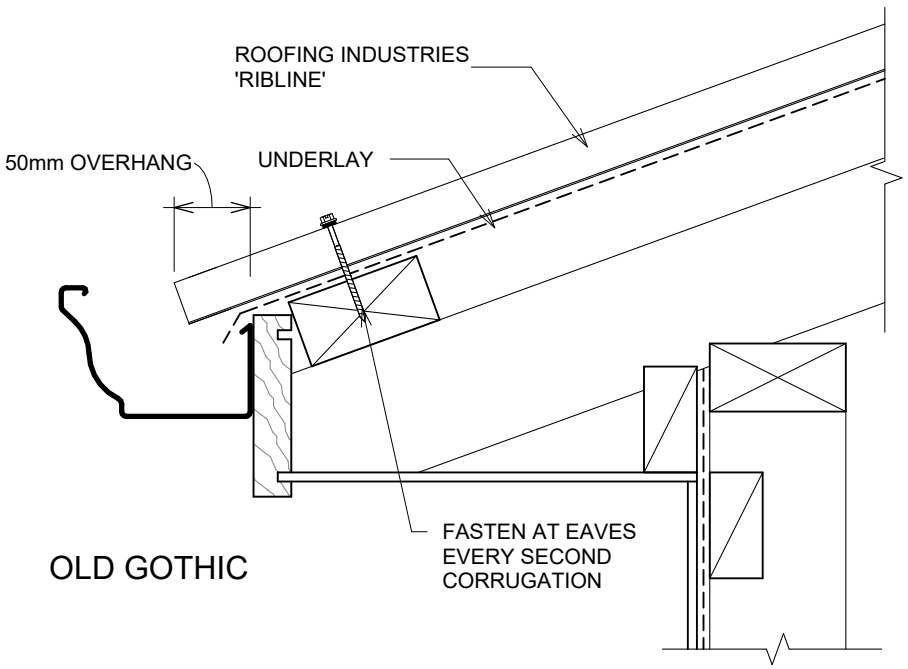
# RESIDENTIAL RIBLINE® ROOFING

Detail Number: RI-RRR-240
Date drawn: 25/07/2024
Scale: 1 : 5@ A4

## ROOFING INDUSTRIES GUTTER OPTIONS 125 BOX GUTTER & OLD GOTHIC FOR TIMBER FASCIA




125 BOX GUTTER




OLD GOTHIC

DETAIL ANNOTATION:

1. GUTTER SIZES TO BE CALCULATED FROM E1/AS1
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. OVERHANG TO GUTTER WHERE THE PITCH IS BELOW 10° AND THE ENDS OF THE RIBS ARE NOT BAFFLED BY THE SPOUTING. SHALL BE INCREASED TO 70MM. REFER TO NZMRM COP
4. ALTERNATIVELY REFER TO MRM COP
5. ALTERNATIVELY REFER TO E2/AS1
6. REFER TO E2/AS1 REGARDING EAVES FLASHING REQUIREMENTS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- Details are for steel-based materials, other substrates may require some changes.
- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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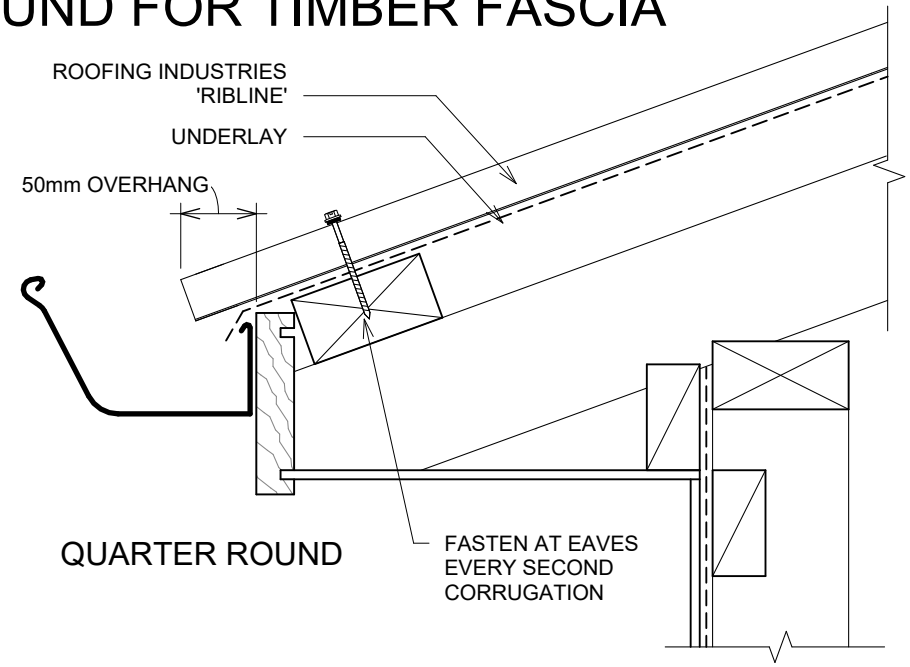
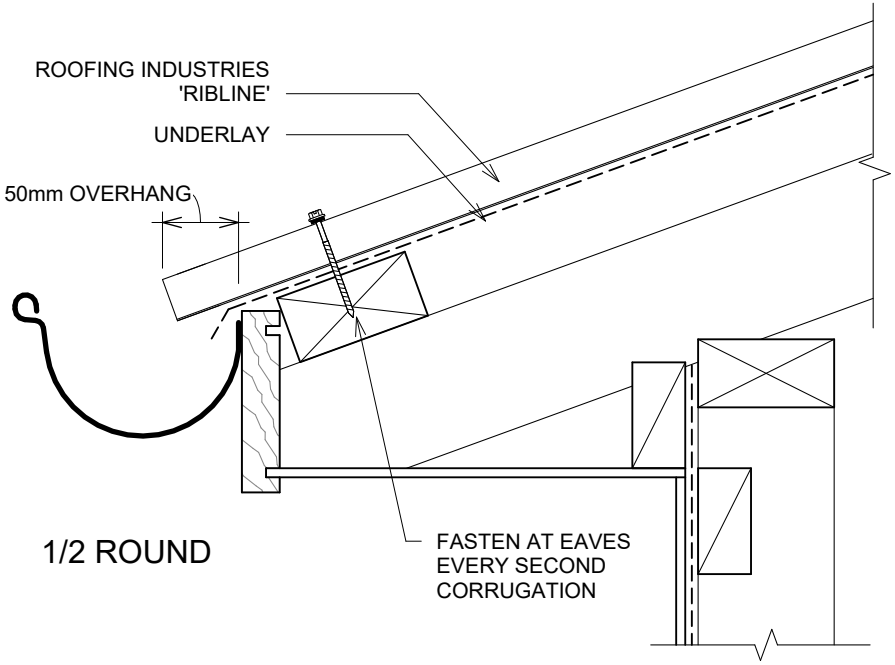
# RESIDENTIAL RIBLINE® ROOFING

Detail Number: RI-RRR-250
Date drawn: 25/07/2024
Scale: 1 : 5@ A4

## ROOFING INDUSTRIES GUTTER OPTIONS QUARTER & 1/2 ROUND FOR TIMBER FASCIA




QUARTER ROUND




1/2 ROUND

DETAIL ANNOTATION:

1. GUTTER SIZES TO BE CALCULATED FROM E1/AS1
2. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED
3. OVERHANG TO GUTTER WHERE THE PITCH IS BELOW 10° AND THE ENDS OF THE RIBS ARE NOT BAFFLED BY THE SPOUTING. SHALL BE INCREASED TO 70MM. REFER TO NZMRM COP
4. ALTERNATIVELY REFER TO MRM COP
5. ALTERNATIVELY REFER TO E2/AS1
6. REFER TO E2/AS1 REGARDING EAVES FLASHING REQUIREMENTS

GENERAL NOTES:

- These details are to be read with Roofing Industries Ribline Product Technical Statement.
- The building designer is ultimately responsible to ensure that the details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure (including cavity battens if used) are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Roof/wall underlay selection are the responsibility of the designer. Underlay to be installed in accordance with underlay manufacturer's recommendations and requirements.
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- All dimensions are nominal.
- Fixings: The designer needs to check the screw manufacturer's technical data of the selected screw type for the design wind load and the material being fastened to.



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