

# ROOFING INDUSTRIES BOX GUTTER DETAILS

Detail Number: R1-F02

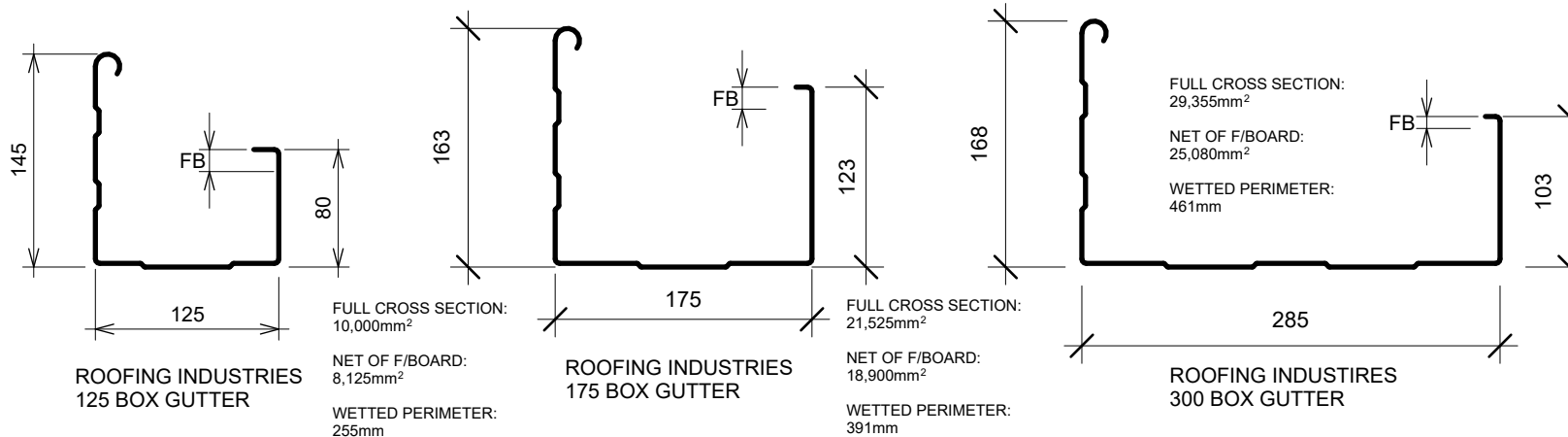
Date drawn: 04/09/2024

Scale: 1 : 5@ A4

DETAIL ANNOTATION:

1. FASTENERS TO BE COMPATIBLE WITH MATERIAL BEING FIXED AND THE SUITABLE GRADE FOR THE ENVIRONMENT IN WHICH LOCATED.
2. GUTTERS IN ACCORDANCE WITH NEW ZEALAND BUILDING CODE E2/AS1.
3. REFER TO SECTION OF NZMRM CODE OF PRACTICE FOR CATCHMENT AREA LIMITATIONS.
4. BRACKETS FOR EXTERNAL GUTTERS SHOULD BE LOCATED CLOSE TO ALL STOP-ENDS, AT BOTH ENDS OF SUMPS AND RAIN-HEADS AT A MAXIMUM OF 750MM SPACING FOR GUTTERS LESS THAN 180MM WIDE, AND AT 600MM FOR GUTTERS 180 - 300MM WIDE.
5. BRACKETS MUST BE INSTALLED TO PROVIDE A 1:500 (2MM PER METRE) MINIMUM GUTTER GRADIENT TOWARDS THE OUTLETS.
6. BRACKETS FOR PRE-PAINTED SPOUTING MUST BE PAINTED OR POWDER-COATED BEFORE INSTALLATION, WHERE REQUIRED.
7. IN SEVERE MARINE AREAS, BRACKETS SHOULD BE EPOXY PRIMED BEFORE POWDER-COATING OR SHOULD BE FORMED FROM NON-FERROUS METAL.
8. FREE BOARD - EXTERNAL GUTTERS WITH NO OVERFLOW, 15mm AS PER NZMRM COP.

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## GENERAL NOTES:

- These details to be read with Roofing Industries 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](http://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.
- Fixing: The designer needs to check the screw manufacturers technical data of the selected screw type for the design wind load and the material being fastened to.

