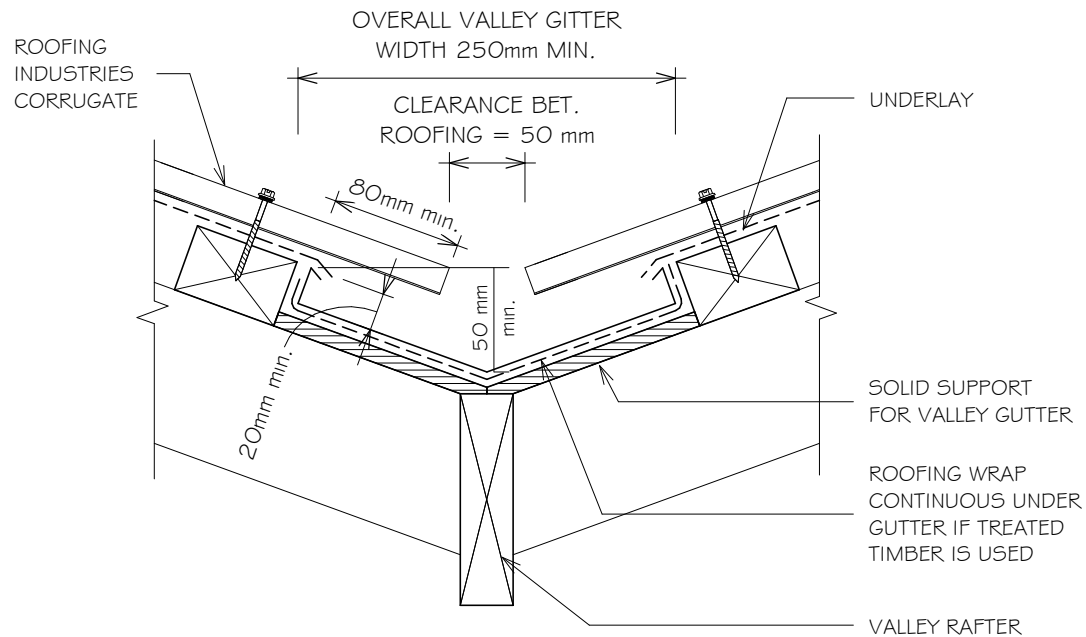


# RESIDENTIAL CORRUGATE ROOFING VALLEY DETAIL (E2/AS1 COMPLIANCE)

Detail Number: RI-RCR006A

Date drawn: 02/02/2017

Scale: 1 : 5@ A4



GUTTER WIDTH	MAXIMUM CATCHMENT AREA	MIN ROOF PITCH (4)
250mm	25m <sup>2</sup>	8°
160mm	16m <sup>2</sup>	12.5°

#### NOTES:

1. GUTTERS IN ACCORDANCE WITH NEW ZEALAND BUILDING CODE RAINFALL INTENSITY WITH AVERAGE RECURRENCE INTERVAL (ARI) NO GREATER THAN 200 mm PER HOUR
2. 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 60 mm TO PROVIDE A CLEARANCE GAP OF 40mm.
3. FOR ROOF PITCHES 8° OR GREATER. FOR LESSOR PITCHES USE INTERNAL GUTTER.

#### NOTES:

- These details are generally in compliance with E2/AS1 and/or the NZ Metal Roof & Wall Cladding Code of Practice and in some cases specific details by 'Roofing Industries'.
- The building designer is ultimately responsible to ensure that details used meet the requirements of the NZ Building Code for the specific project.
- Details of the supporting structure including cavity battens are indicative only and are the responsibility of the building designer. For steel framed buildings thermal break cavity battens may be required.
- Underlay selection and building wrap types are the responsibility of the designer, Netting or other support is generally required at roof pitches less than 8 degrees combined with a self supporting paper. At roof pitches of 8° and above where non self supporting paper is used or purlin spacing is in excess of self supporting criteria, netting or other support should be used. Alternative support to netting should be used in severe coastal environments including when aluminium is used.
- 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.
- These details to be read with Roofing Industries profile technical summary regarding wind loads and fixings.
- 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. Underlay selection and building wrap types are the responsibility of the designer, Netting or other support is generally required at roof pitches less than 8 degrees combined with a self supporting paper.

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