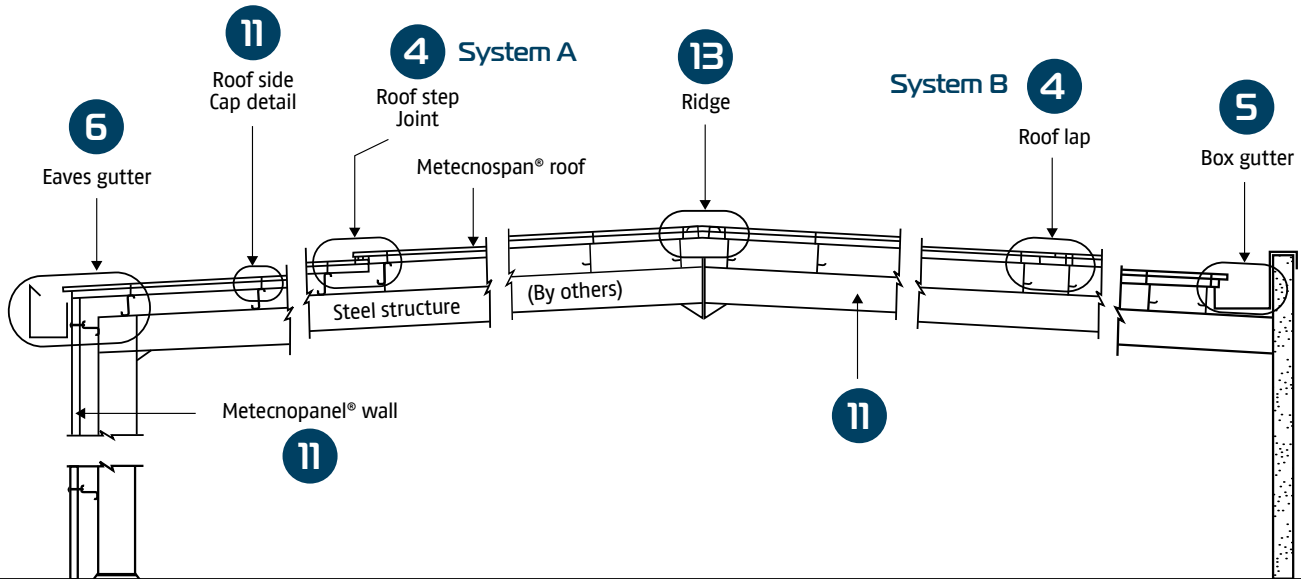




# MetecnoSpan® Standard Construction Drawings



## About Bondor®

Bondor® is Australia's leader in complete thermal building solutions and lightweight architectural panels. As a business, Bondor® has been at the forefront of the Australian panel industry for over 50 years. More importantly, Bondor® people individually have significant experience in manufacturing and installing panel to suit Australian conditions and to meet Australian building codes and regulations.

Being an Australian business is important to us and whilst we enthusiastically embrace lessons and new product developments from around the world we are proud that our experience is predominantly in Australia forged in Australian conditions for Australian building requirements. Bondor® people have grown and learned with the Australian building industry and will continue to do so. We have a depth of experienced staff across Australia.

## About this brochure

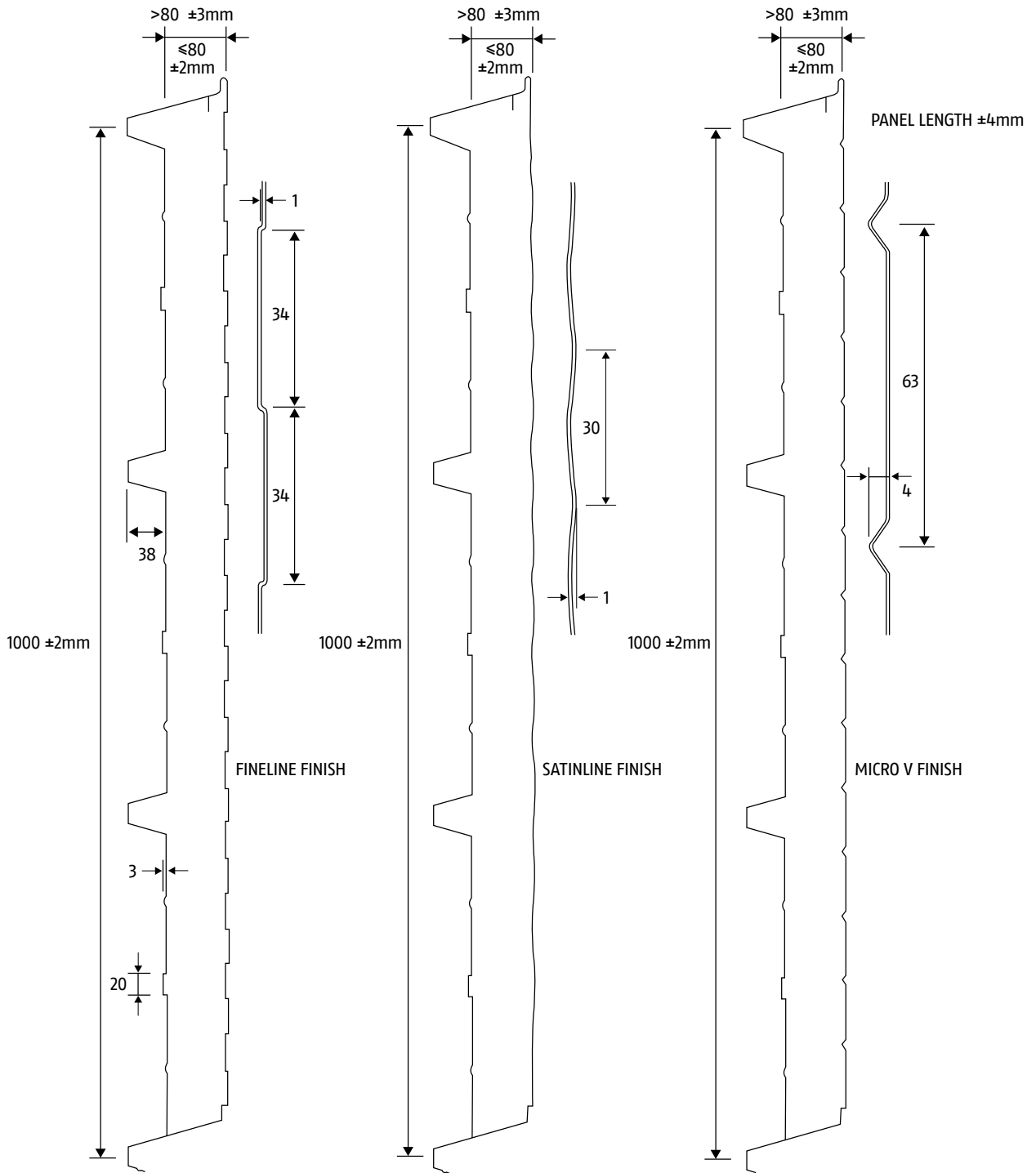
This brochure provides recommended construction drawings for MetecnoSpan® installations in Australia and New Zealand. The Australian Standards HB 39 Installation Code for Metal Roofing and Walling has been referenced.

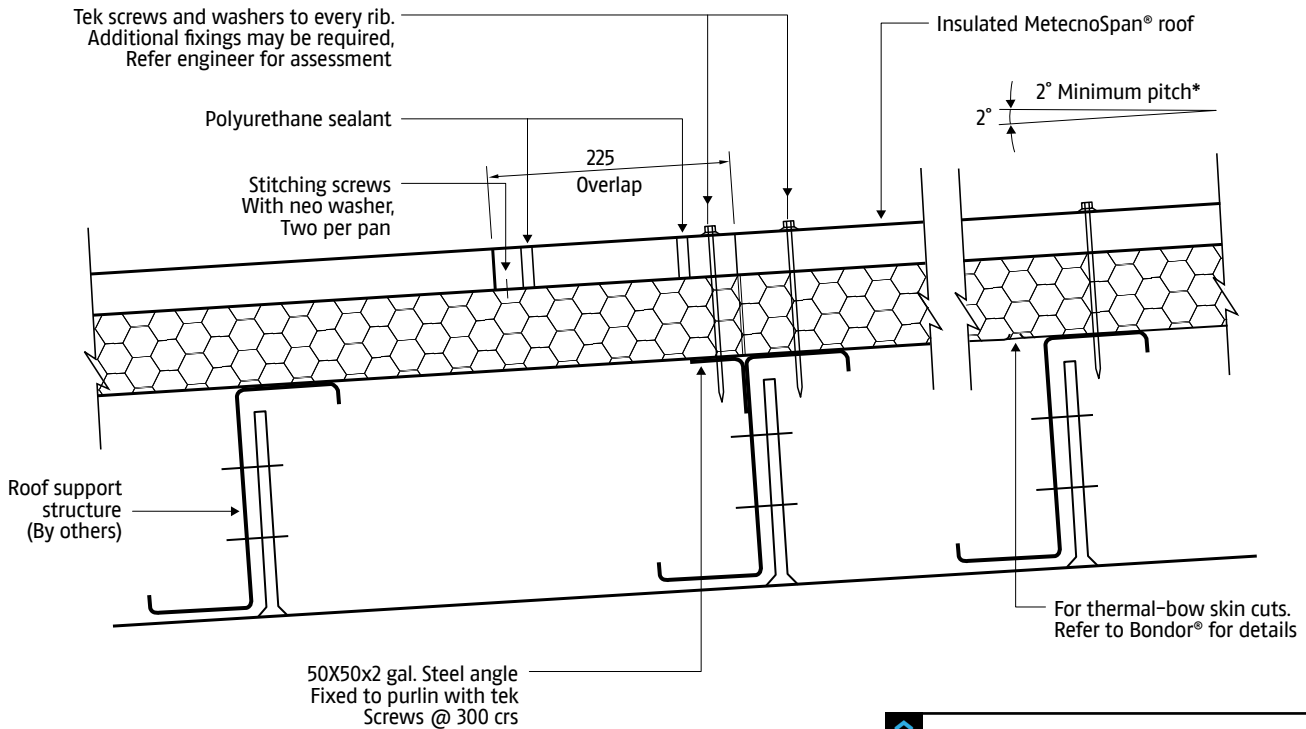
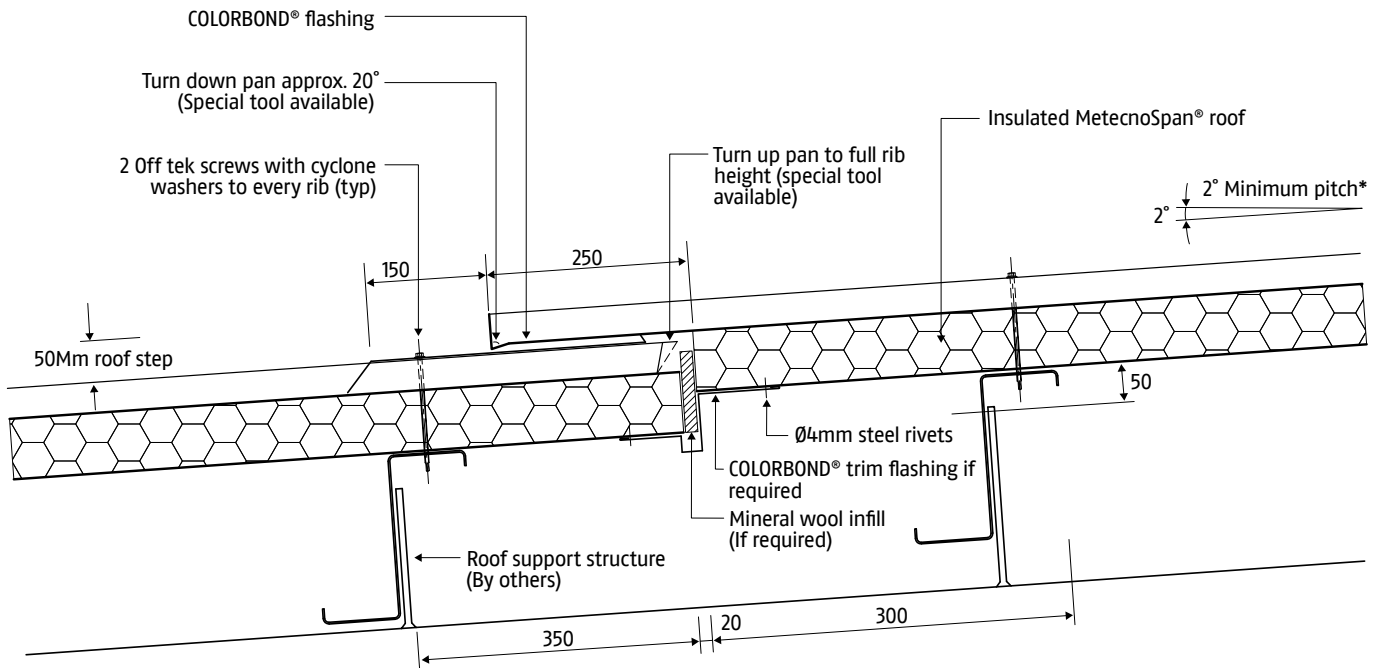
The standard drawings detailed in this brochure are to be considered a guide and used in conjunction with all relevant Australian and New Zealand standards.

While this brochure provides details for all the common connections and penetrations, further project specific drawings may be required.

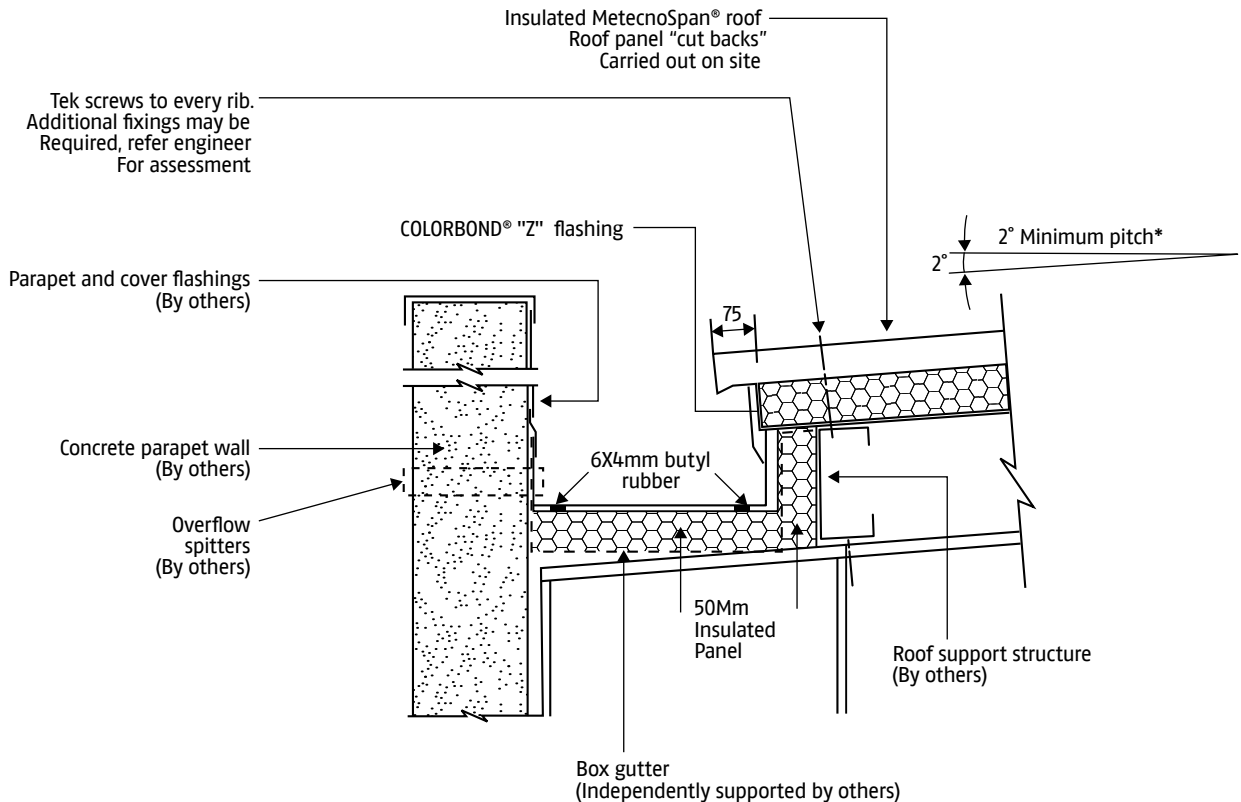
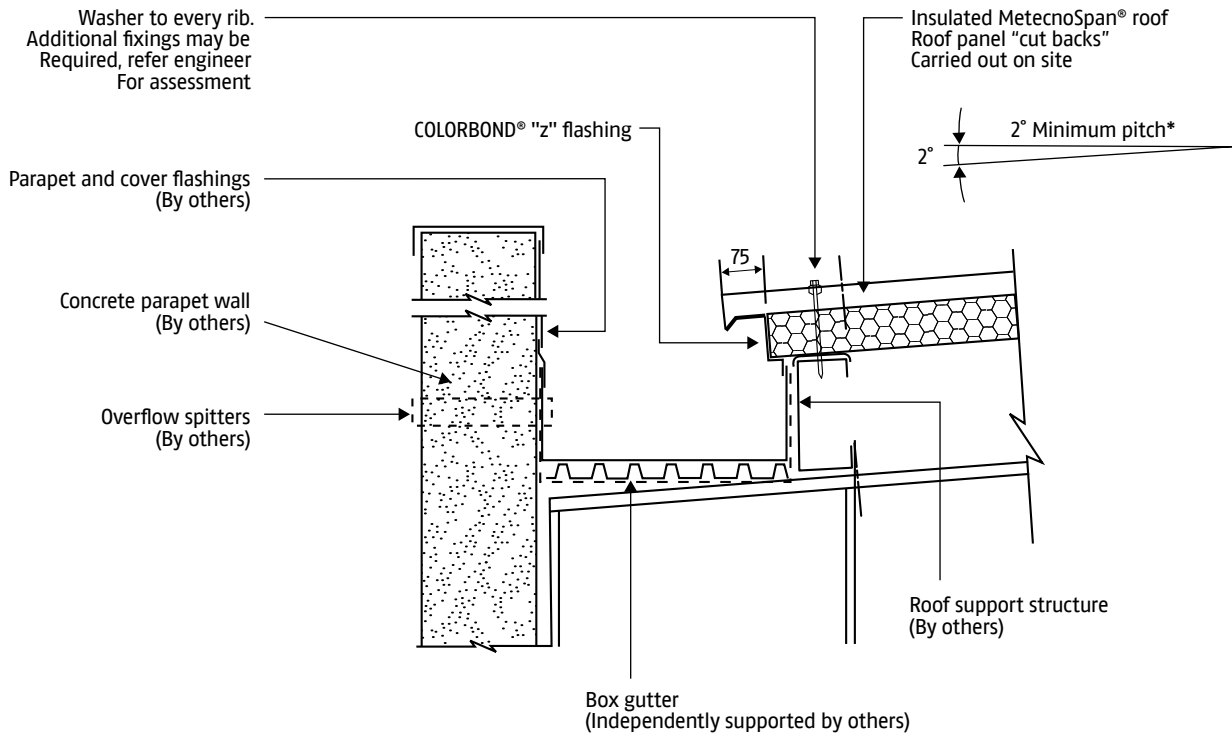
Where FM Approval is required, please consult our technical team for assistance as some details may vary.

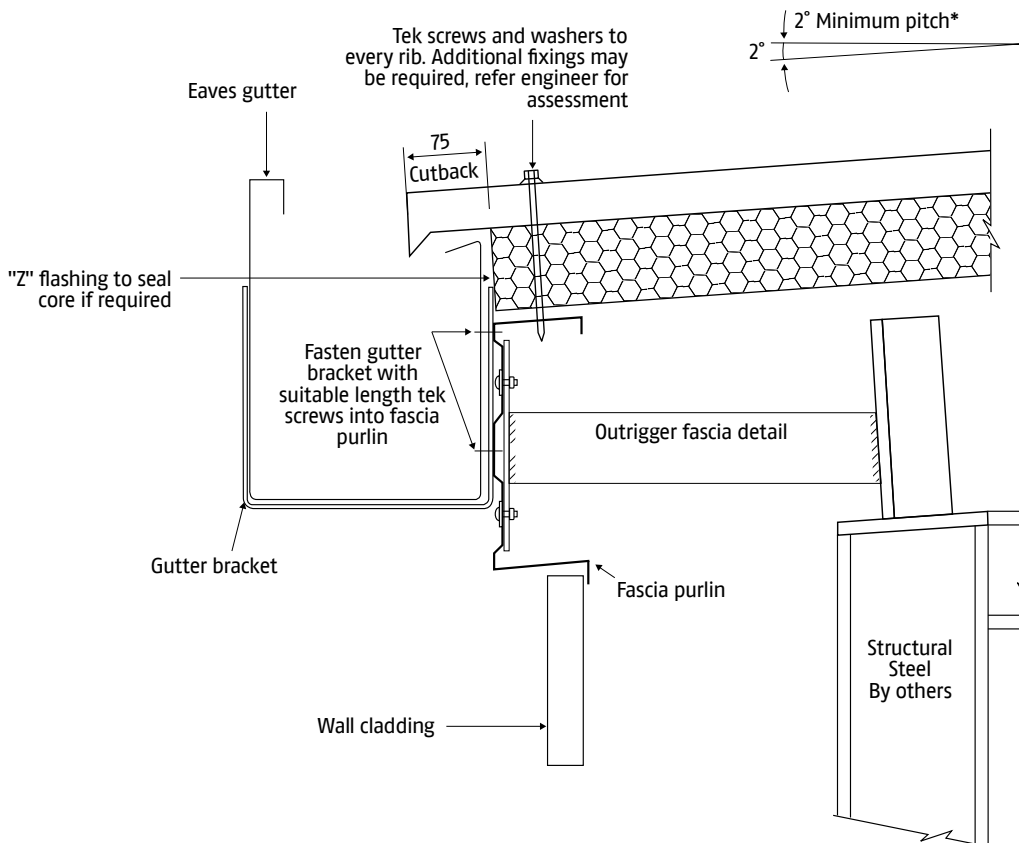
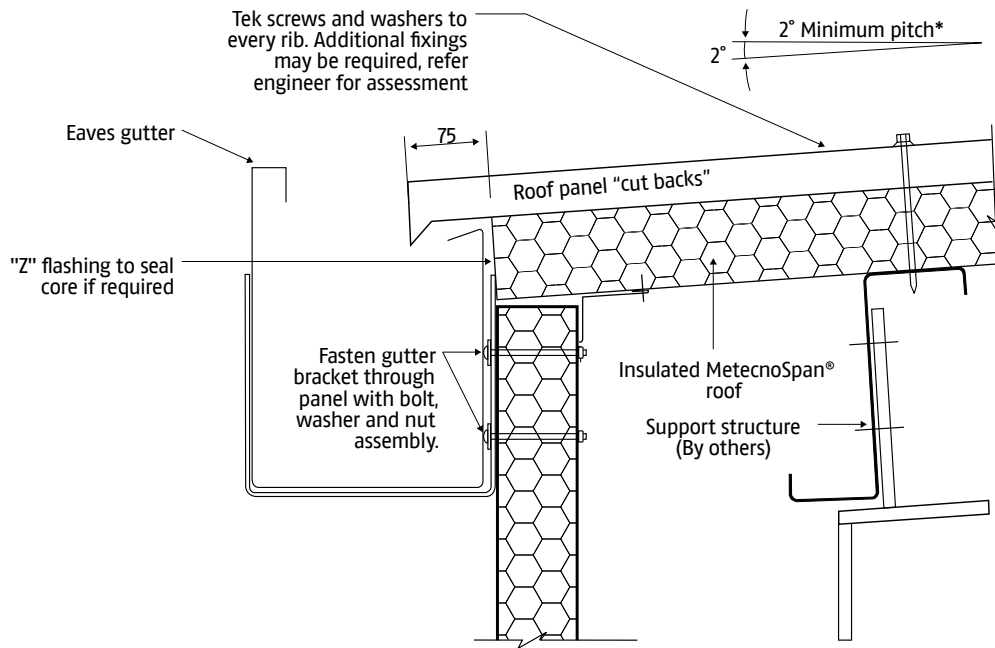
MetecnoSpan® Profile Options	>	1
Expansion Step Detail	>	2
End Lap Detail	>	2
Un-insulated Box Gutter Detail	>	3
Insulated Box Gutter Detail	>	3
Eaves Gutter Detail 1	>	4
Eaves Gutter Detail 2	>	4
Skylight Panel Detail	>	5
Skylight Fastening Detail	>	5
Large Skylight Fitment Detail	>	6
Penetration Fitment Detail	>	6
Small Penetration Detail	>	7
Flexible Flashing Fitment	>	7
Insulated Penetration	>	8
Insulated Valley Box Gutter	>	8
Barge Capping Detail	>	9
Barge/Paraphet Detail	>	9
Non Cyclonic Fastening	>	10
Cyclonic Fastening	>	10
Ridge Detail Cyclonic	>	11
Ridge Detail (Non Cyclonic)	>	11
Head Flashing Detail	>	12
MetecnoSpan® Information Brochures	>	13

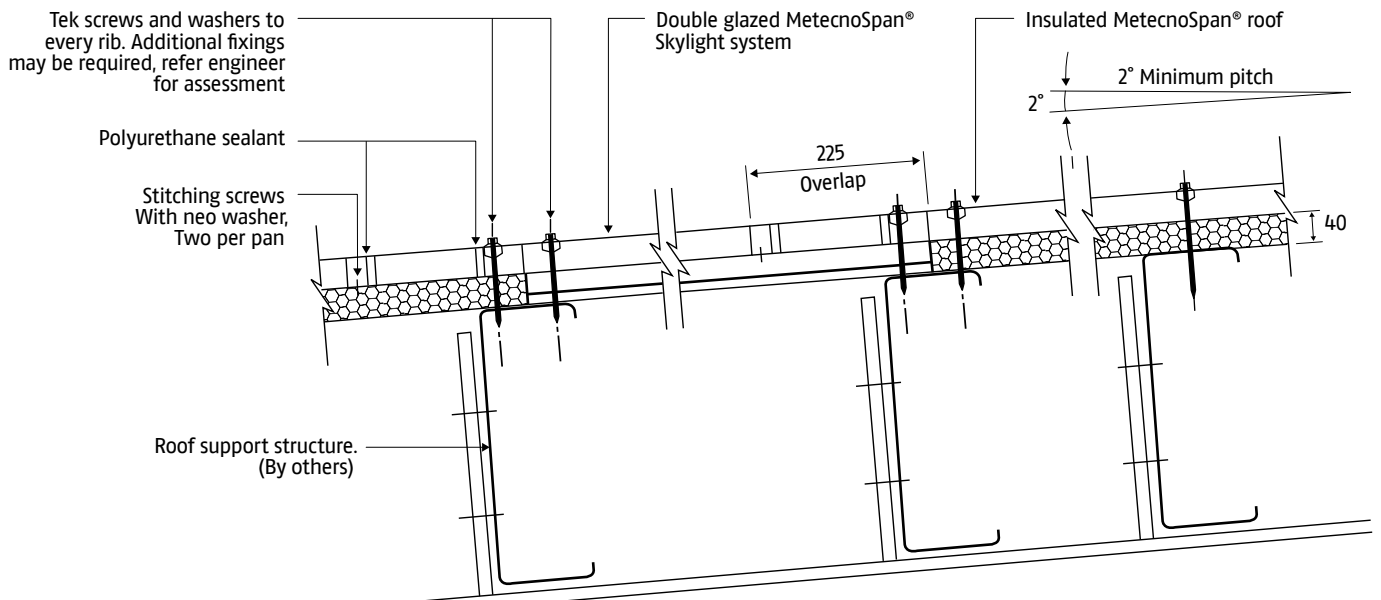
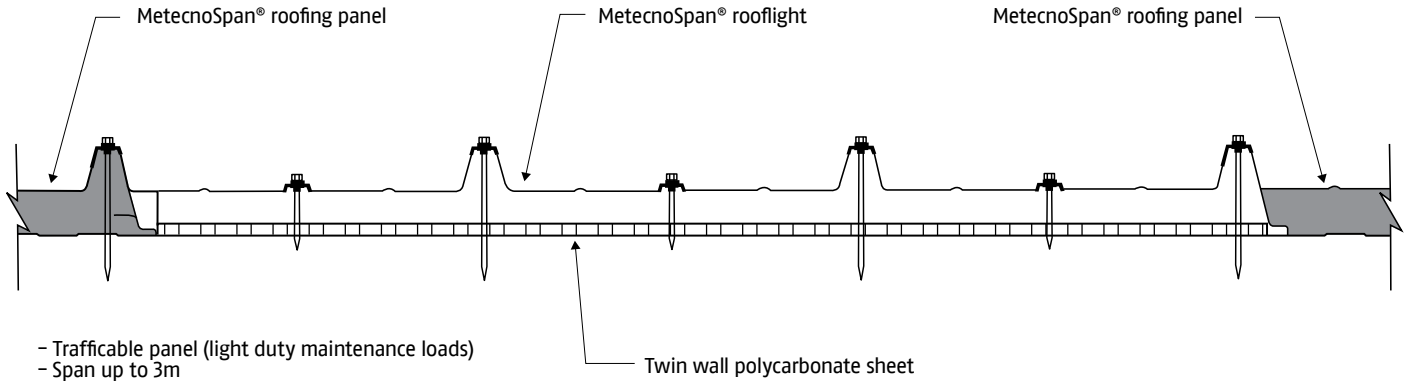




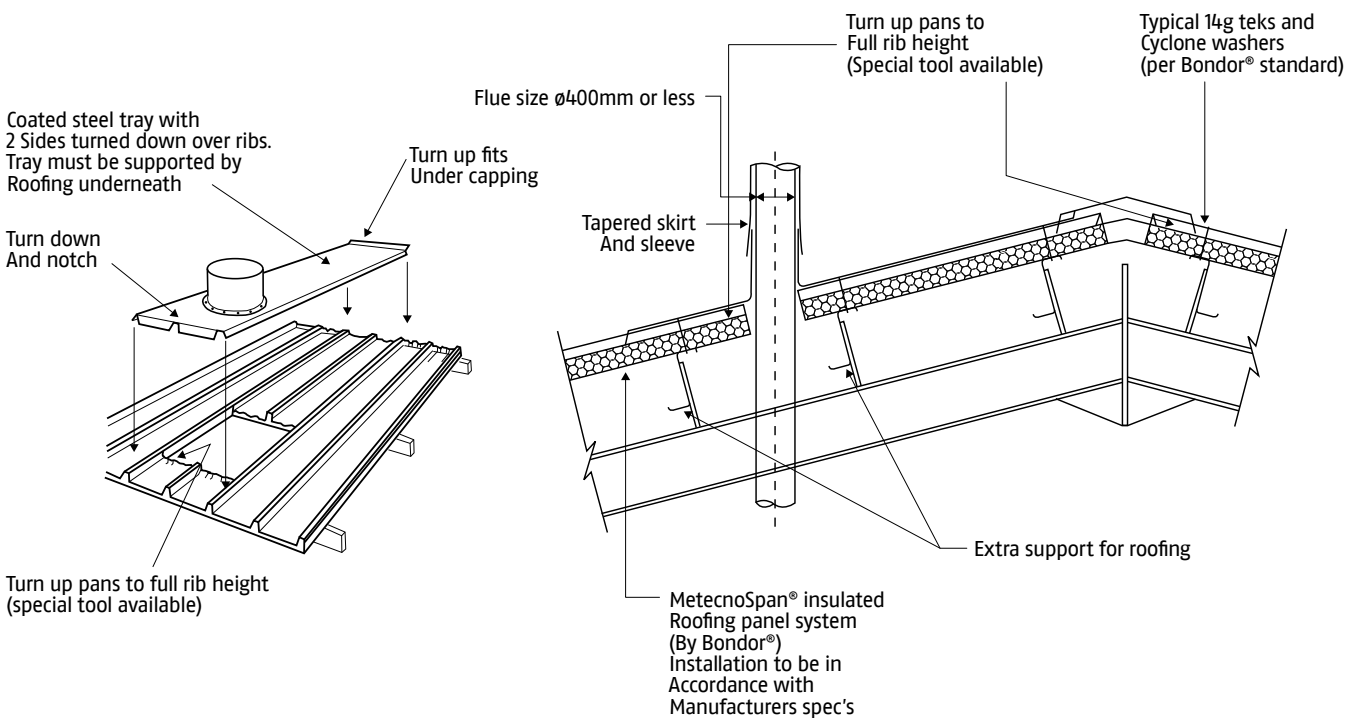
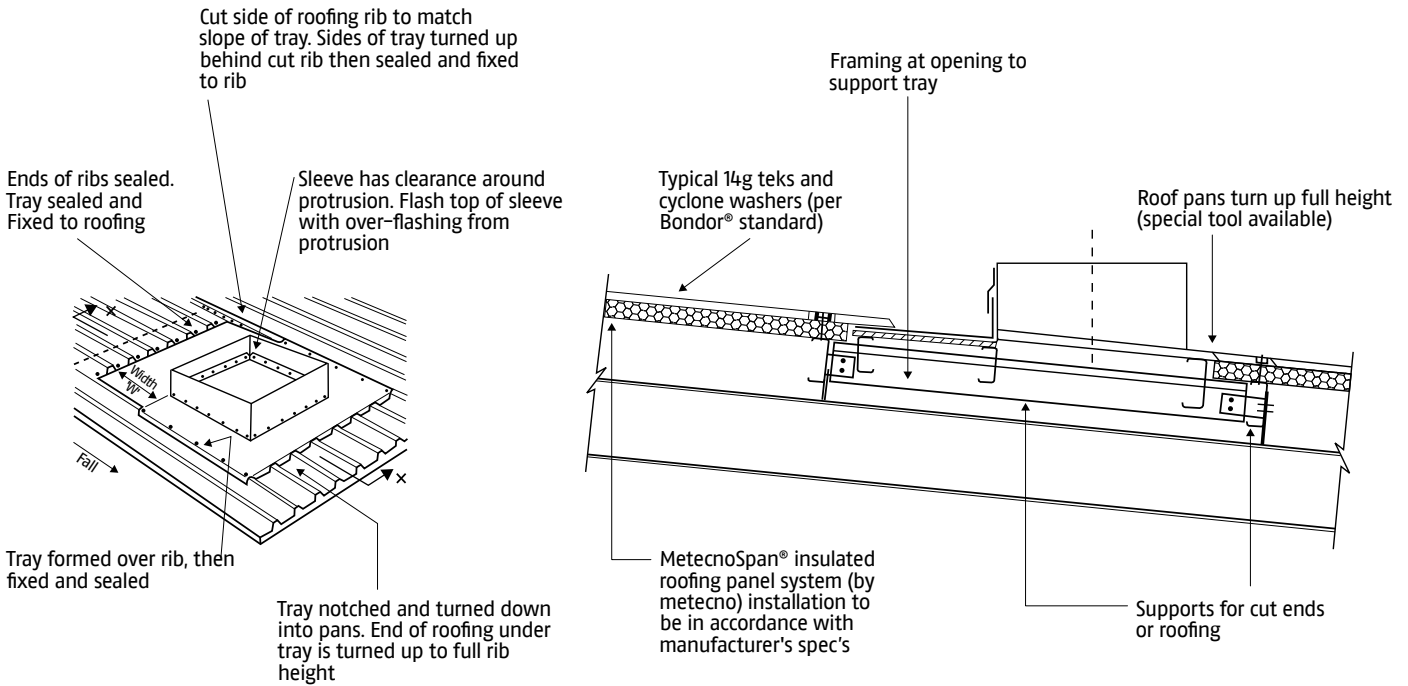
**NOTE >** For roof runs of MetecnoSpan® exceeding 16m, a stepped expansion joint is required. Refer to drawing No. PIR13-RJ01



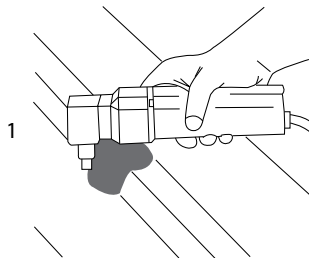
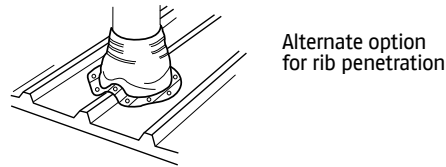
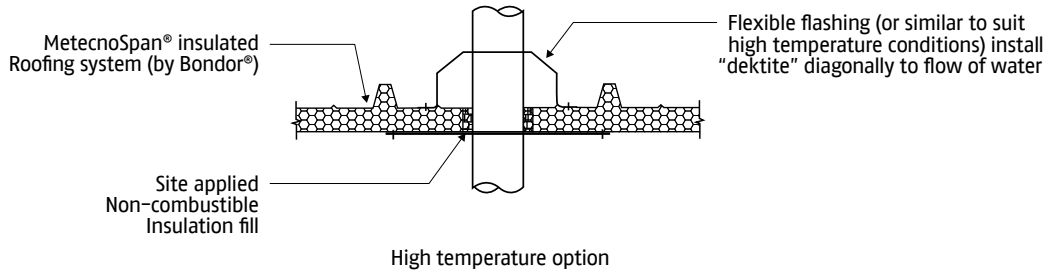
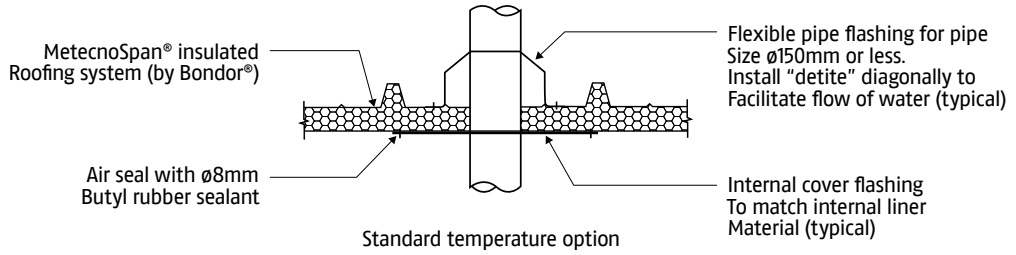




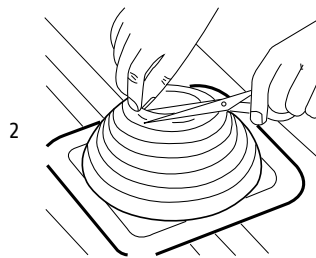
**NOTE >** For roof runs of MetecnoSpan® exceeding 16m, a stepped expansion joint is required. Refer to drawing No. PIR13-RJ01



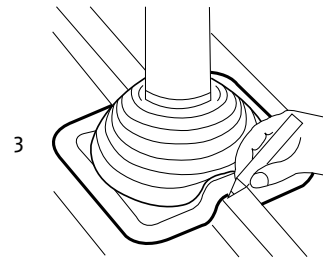




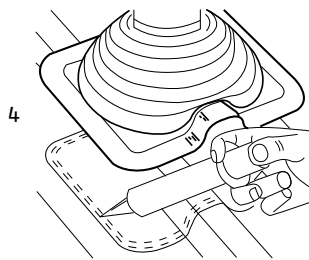
1  
Prearrange the hole for the pipe. Muffs must always be placed on top of the profiled sheet top in order to permit the water flow



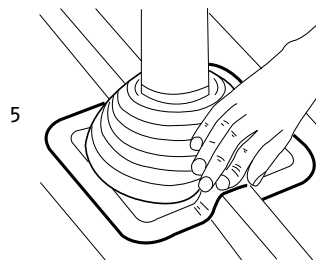
2  
Adapt the muff to the pipe. Cut the opening so as to be at least 25mm smaller than the pipe diameter in order to overlap the pipe at least 20mm



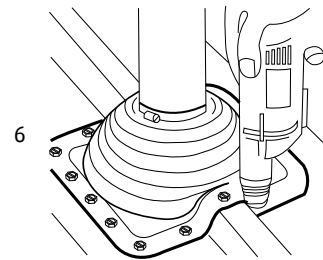
3  
Fold up the muff on the pipe, Eventually using white liquor (soap) adapt the muff to roof profile and Mark out the contour



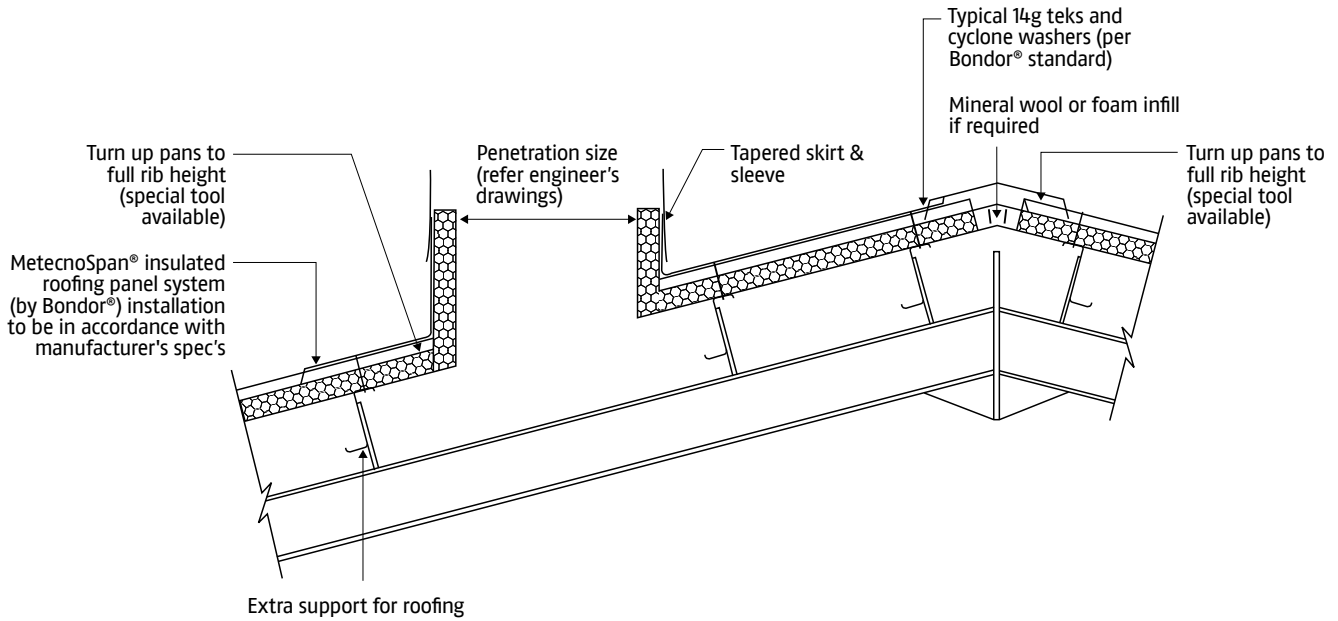
4  
Apply sealant along the trace



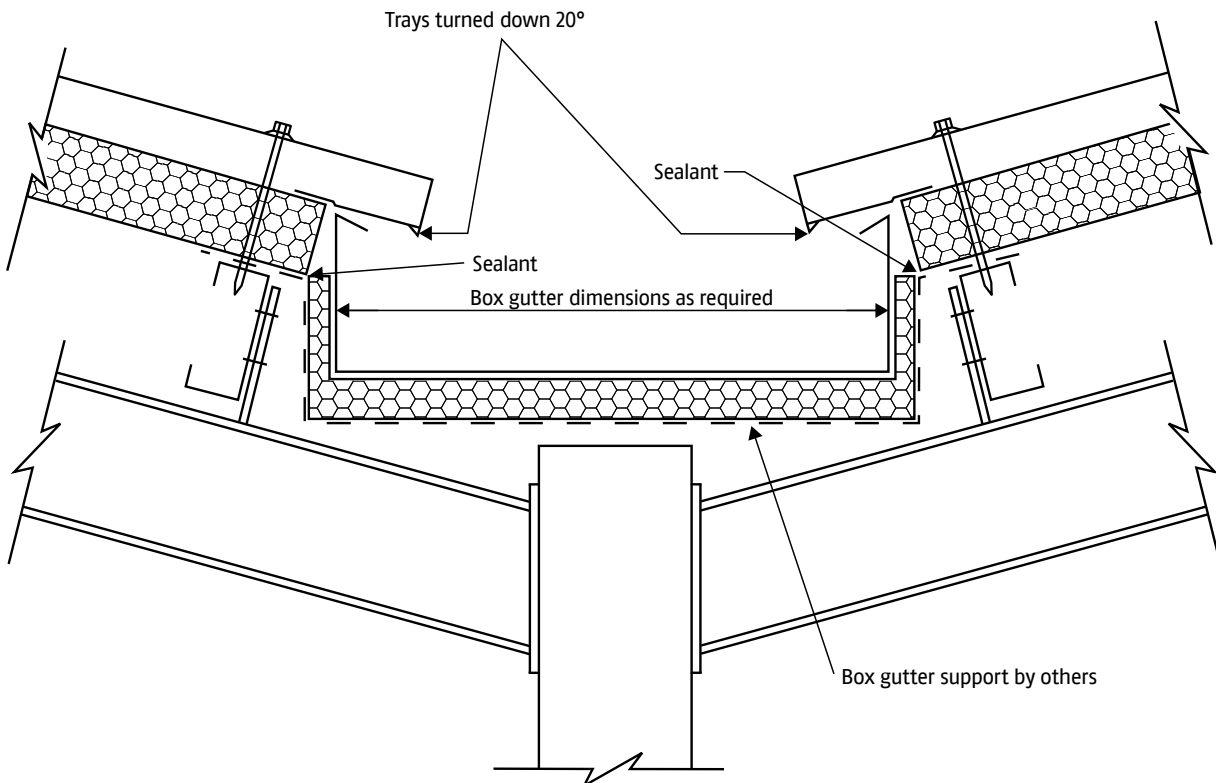
5  
Place the muff by pressing it to the roof surface

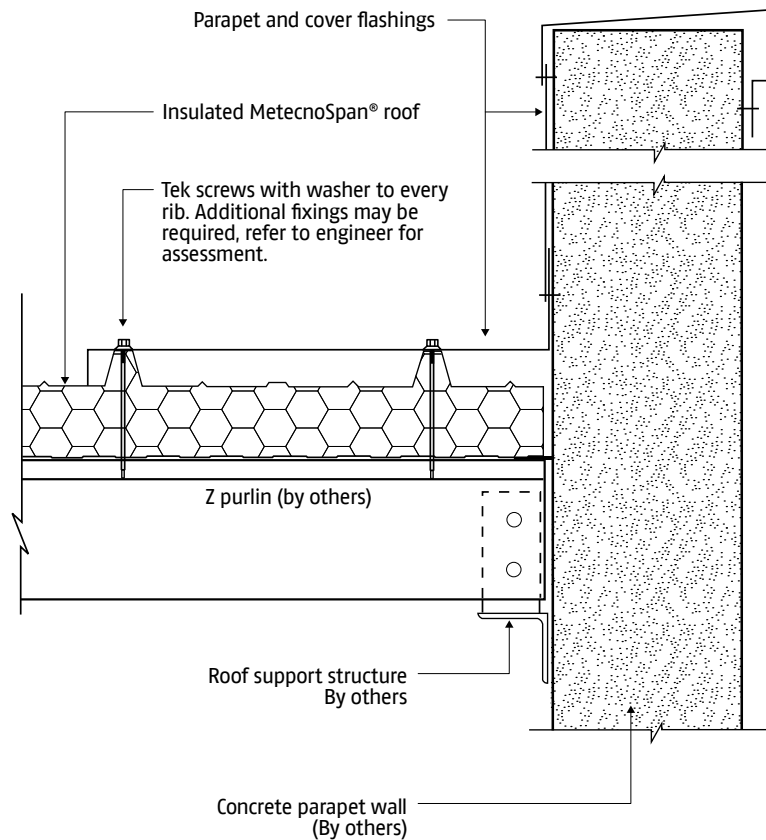
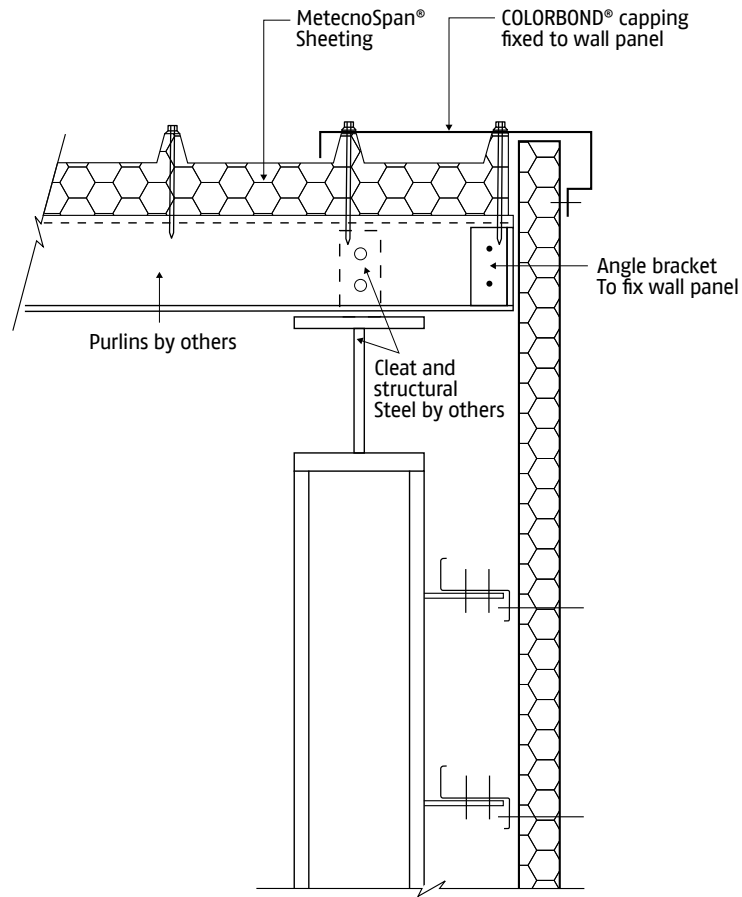


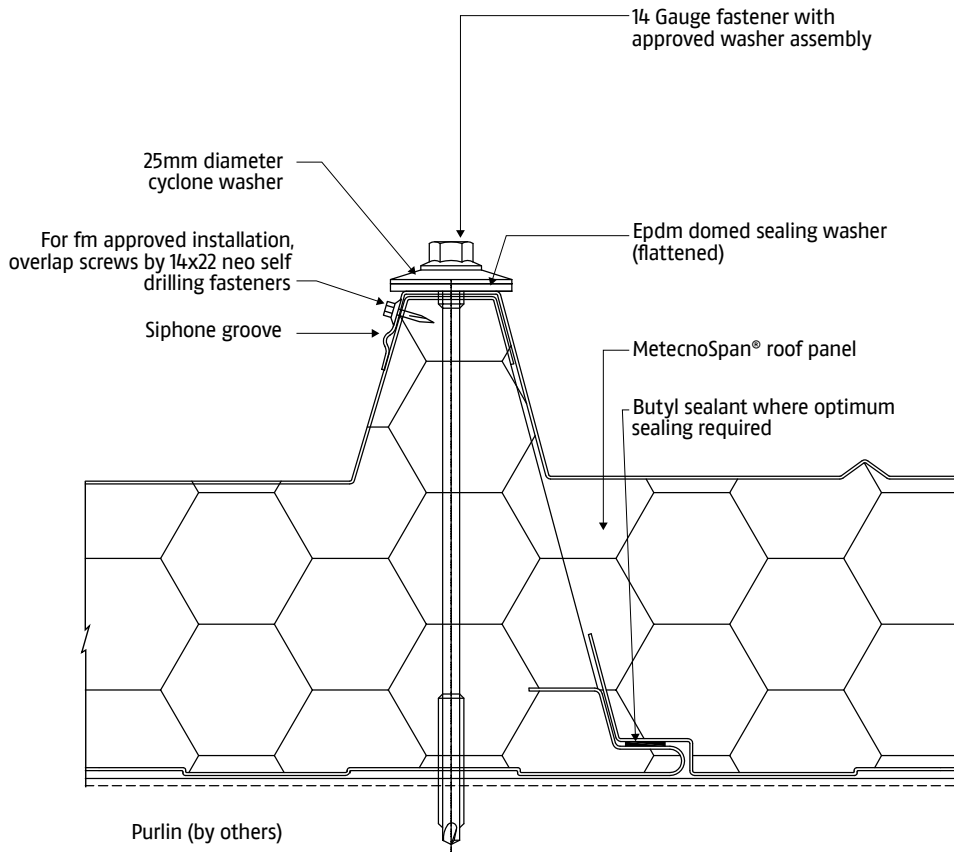
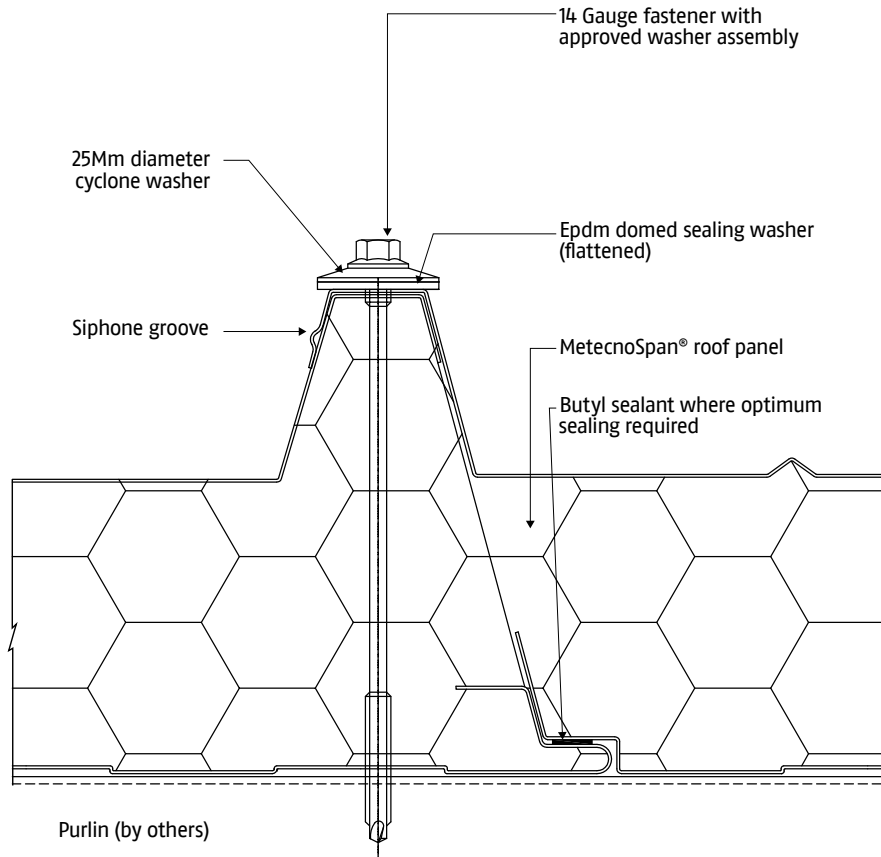
6  
Fasten the muff on to the MetecnoSpan® external profiled sheet (distance between screws equal to 50mm); then install the collar

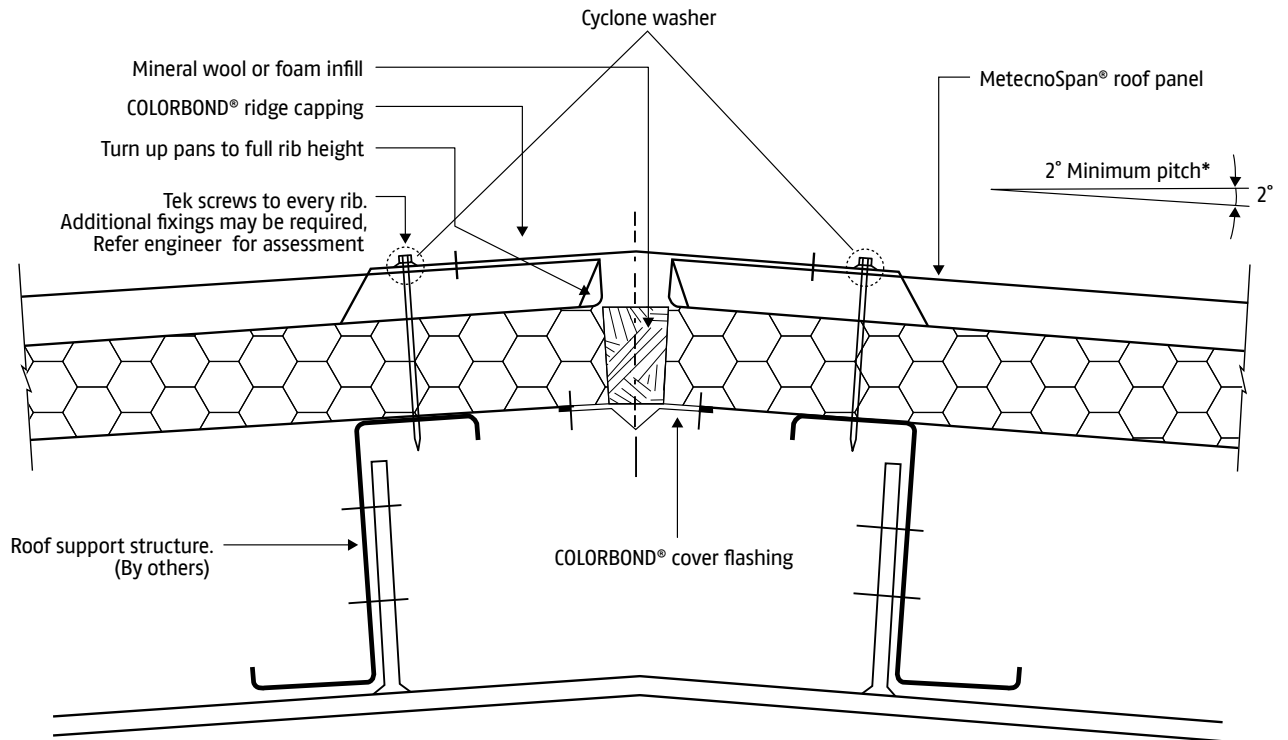
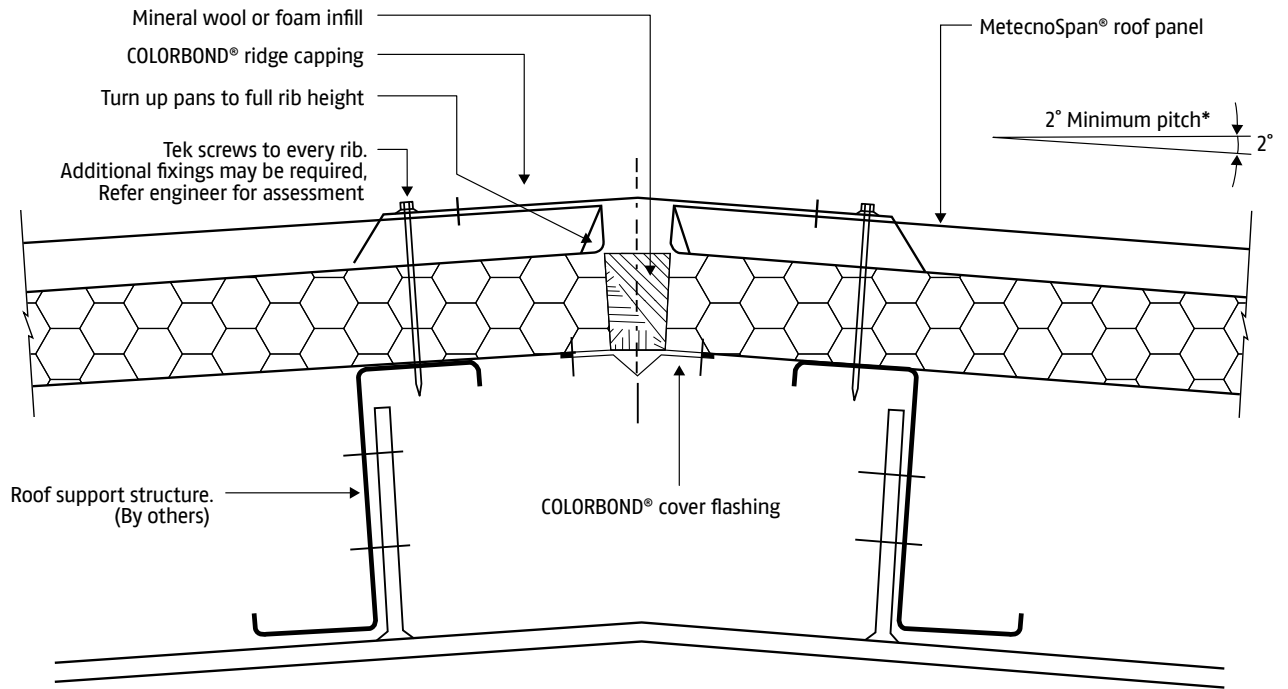


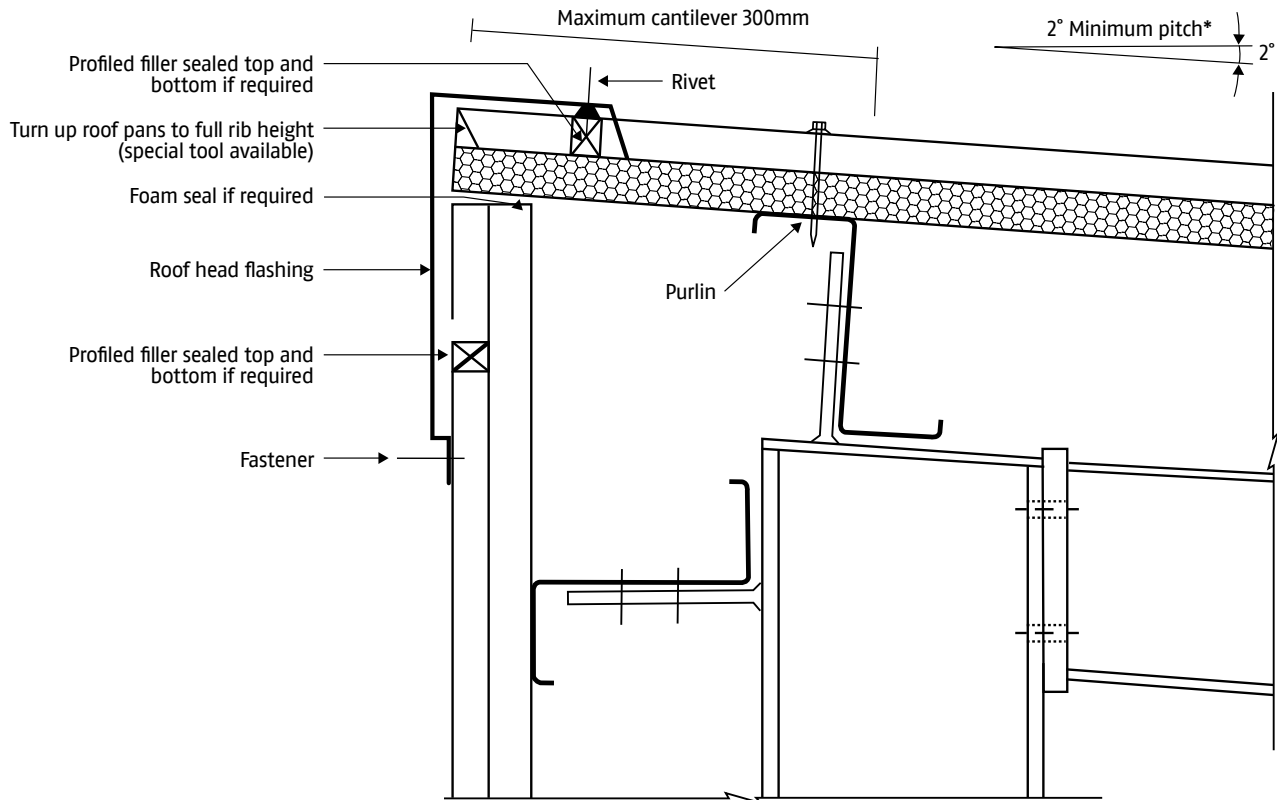
# Insulated valley box gutter









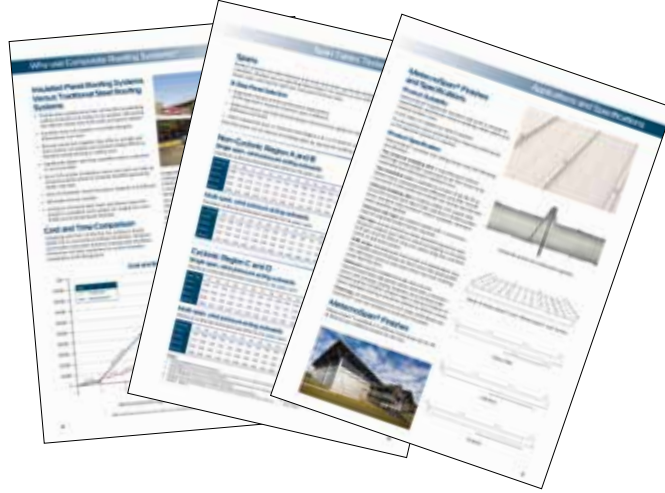


**PLEASE NOTE:**  
Design roof pitches can often suffer structural steel deflection. Our minimum pitch of 2° refers to actual pitch achieved after any deflection.



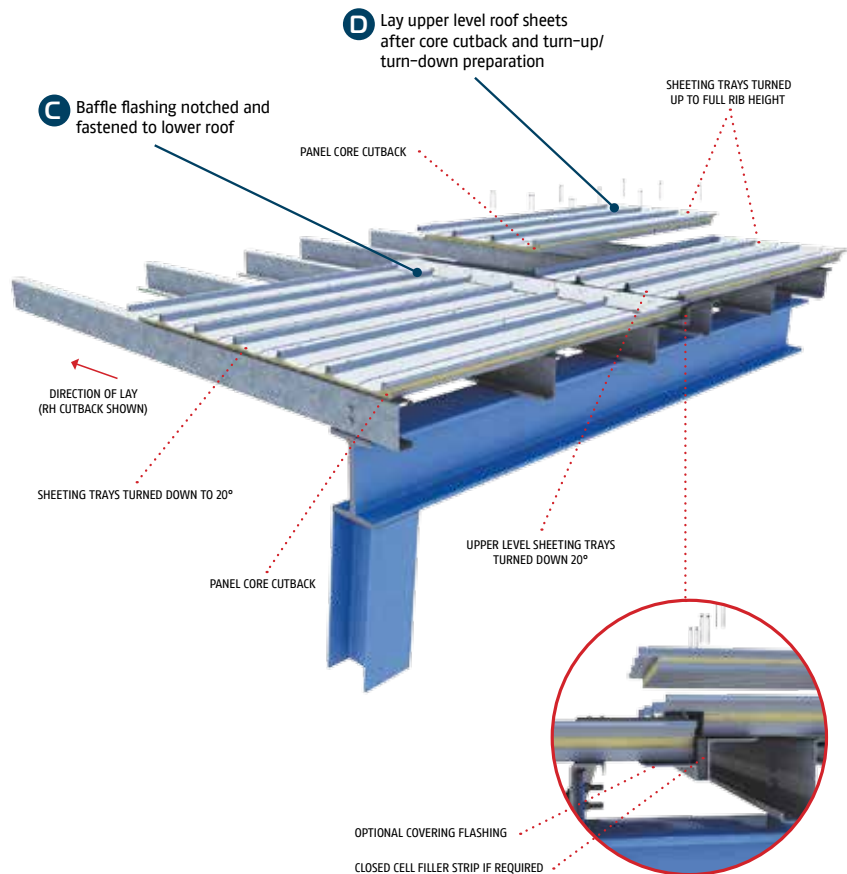
## Information Guide

The MetecnoSpan® Information Guide gives comprehensive information about the product, application and finishes, cost comparison and technical information relating to the construction process, materials and installation.



## Installation Guide

Our Installation Guide is supplied in a separate brochure and provides easy to follow, step by step sequence illustrations, common sense instructions and handy tips, particularly relevant to composite roofing installations.



## Pocket Size Installation Guide

Our Pocket Size Installation Guide is available for use onsite.



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