

A-SLATE

Installation Use and Maintenance Instructions

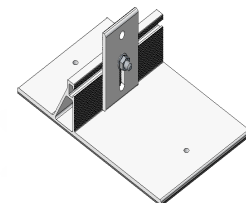
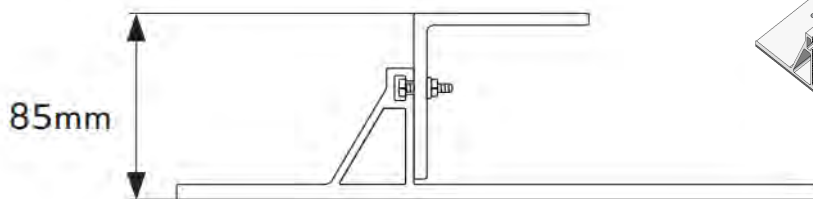
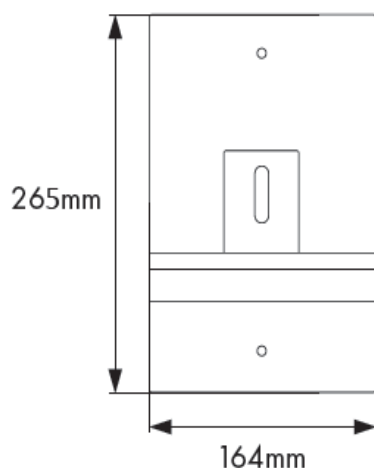


TECHNICAL SPECIFICATION:FOR A-SLATE

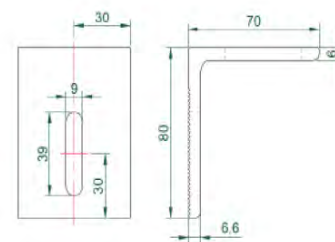
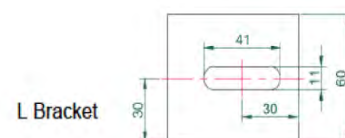
Roof pitch range	Minimum 15°
Compatible roof substructure	Timber (50mm minimum rafter or batten thickness)
Cmpatible roof coverings	Slates
Design wind uplift resistance in (newtons)	4928.5N per bracket
Solar Mounting Component reference number	AS1
Compatibility	Pitched roof
Installation	Above roof
System limitations	<ul style="list-style-type: none"> •The 20mm spacer must always be used to install the A-SLATE •Do not cut the 20mm spacer to reduce the length or modify it in any way under any circumstances as this will void the MCS certification of the A-SLATE •The measurement between the rafter and the surface of the slate should be precisely 19mm, this is to ensure that the 20mm spacer prevents load being transferred to the slate roof covering •Do not install the A-SLATE if the measurement between the rafter and the slate roof surface is greater or less than 19mm. If the measurement is not precisely 19mm, then the A-SLATE is not suitable for the installation as it may transfer load that could damage the slate roof covering or affect the weather sealing ability of the neoprene gasket •Installers must ensure that the A-SLATE can be installed as stated in the Installation Use and Maintenance Instructions before proceeding with the installation

Certificated Components:

A-Slate base[265*164*5mm](FSD460)	Neoprene gasket [265*164*2mm](FSD464)	Screw[6.5*100mm](FSD465)
A-Slate L-bracket(FSD461)	Nylon spacer [20mm, 10mm, OD,8.2mm ID](Spacer)	C-Tec CT1 sealant (CT1 sealant)
L-bracket nut (YGG123937)	L-bracket bolt [A2 M8*25mm] (YGG100048)	



Neoprene gasket



10mm X 8.2mm X 20mm Spacers - Black Nylon Technical Specification

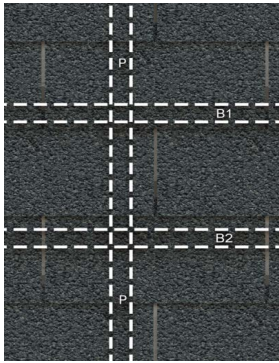


Finish	Black
Inside diameter (B)	8.2mm
Length (L)	20mm
Manufacturing Standard	Not Standardised
Material	Nylon
Material Specification	UL94 HB Nylon 6, 25% Glass Filled RMS-173
Metric or Imperial?	Metric
Outside Diameter (D)	10mm



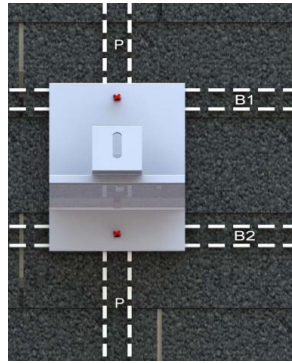


Installing is as easy as 8 simple steps



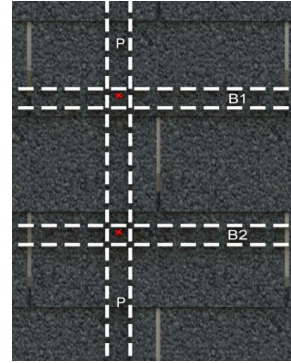
1

Identifying the roof purlins and battens, marked P, B1, B2 for following installation.



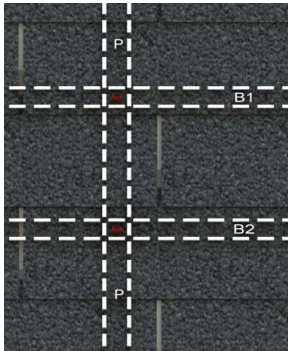
2

Put A-slate bases on the roof, pay attention that the screw holes of bases should be in the middle of purlin.



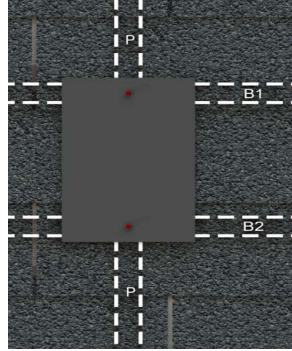
3

Mark the location through slate base of any symbol for next identifying.



4

Drill out two 10mm fixing holes at the marked location, and apply CT1 sealant into and around, insert spacer to contact the rafter and then sealed with CT1 sealant.



5

Align the fixing holes, cover the rubber pad, sealed with CT1 sealant.



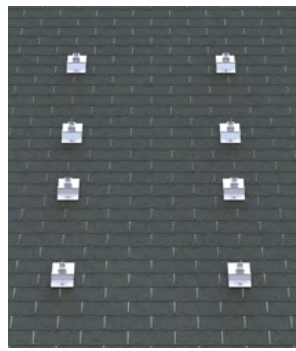
6

Put the A-slate base on top of rubber pad fixed with 2 pcs of 6.5x100mm tapping screw, remembered to sealed with CT1 sealant again.



7

The installed aluminum plate is as shown in the picture



8

Install the all slate in turn at the marked positions