#### Not to be beaten in Quality and Performance



# Installation Manual In-Roof Reflector-System Inflecs Pro





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### **Installation Manual In-Roof Reflector-System Inflecs Pro**



- = fascia board left
- 2 = fascia board middle
- 3 = fascia board right
- 4 = mounting rail
- 5 = base plate
- 6 = side panel left
- 7 = side panel right
- 8 = covering rail
- standing seam left
- /right
- 10 = covering cap



Bordering usable from an inclination of 20°!



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fascia board single 1a

collector

mounting rail

= baseplate

= side panel left

7 = side panel right

covering rail

9 standing seam left /right

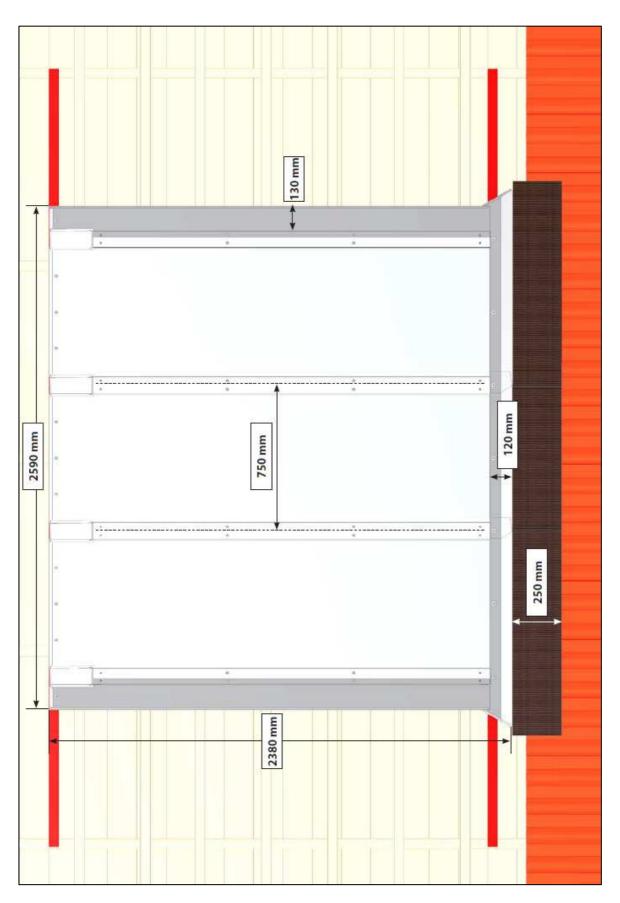
covering cap



Bordering usable from an inclination of 20°!

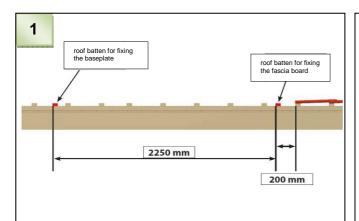




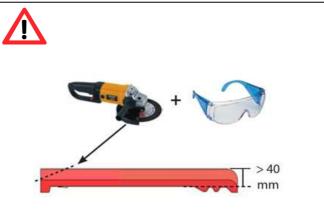


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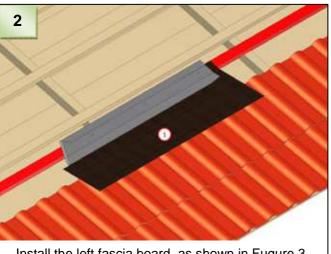




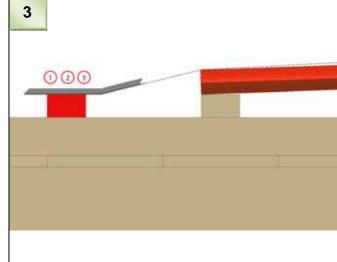
Before starting the assembly of the bordering to fix the fascia boards and the baseplate, install 2 additional roof battens above the whole system width (measures in Figure 1).

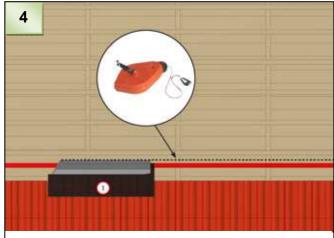


For roof tiles with a height >40 mm, it is necessary to bevel the roof tiles at the topside!

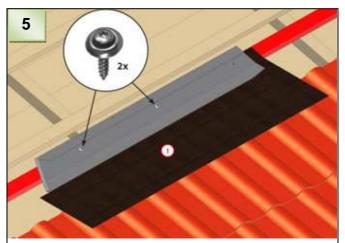


Install the left fascia board, as shown in Fugure 3, onto the additional roof batten.



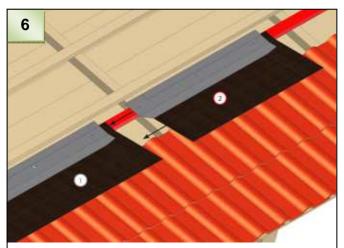


Pay attention to the straight adjustment of the further fascia boards. Eventually mark the adjustment with a chalk line.

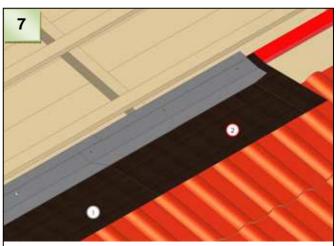


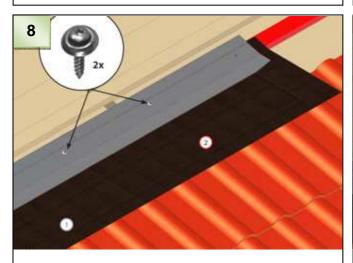
Fix the left fascia board with 2 seal screws onto the roof batten.

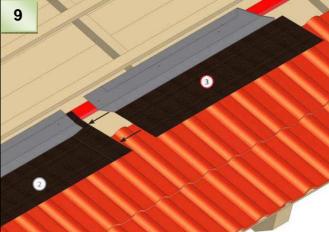




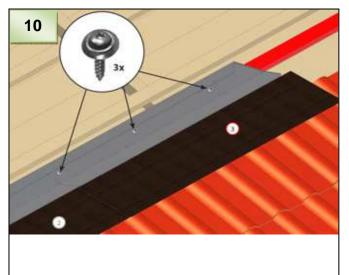
Put the middle and the left fascia board together and fix it with 2 seal screws (Figure 6-8).
For systems with only 2 collectors, go to step 9.

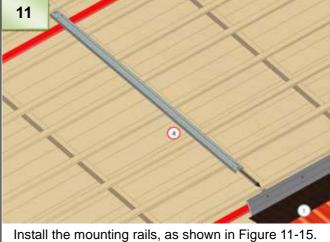




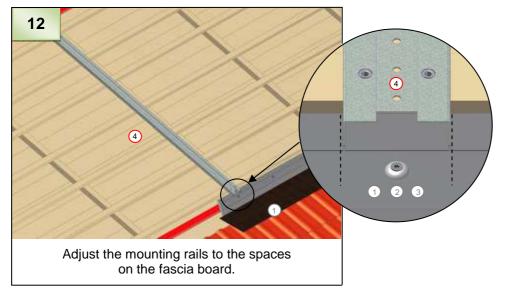


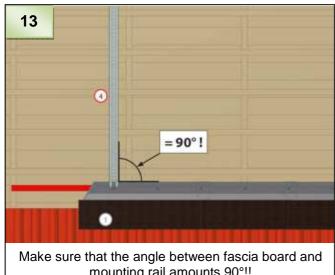
Put the right and the middle fascia board together and fix it with 3 seal screws (Figure 9-10).



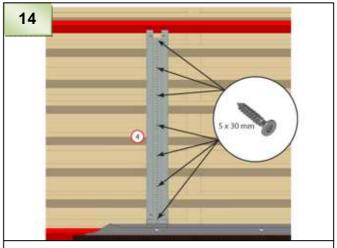




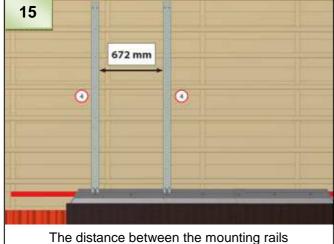




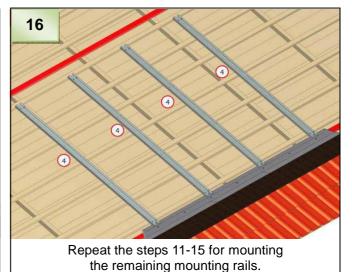
mounting rail amounts 90°!!



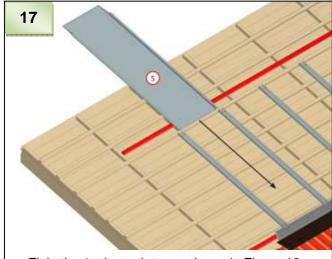
Fix the mounting rail on every roof batten with wood screws 5x30 mm.



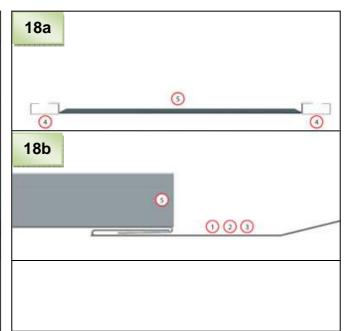
amounts ca. 672 mm.

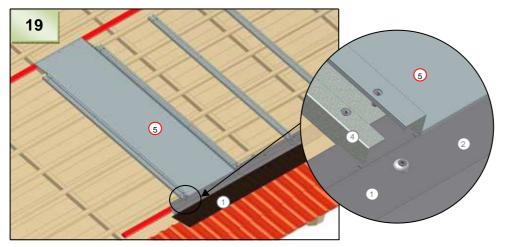


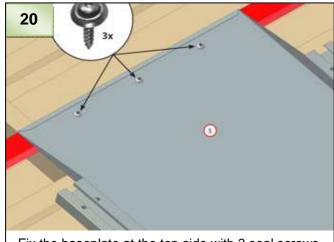




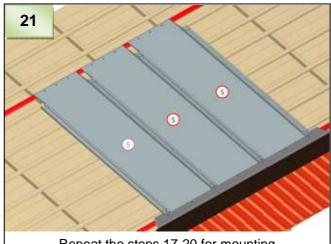
Fit in the 1st baseplate, as shown in Figure 18a, between the mounting rails and mount the fascia board, as shown in Figure 18b.





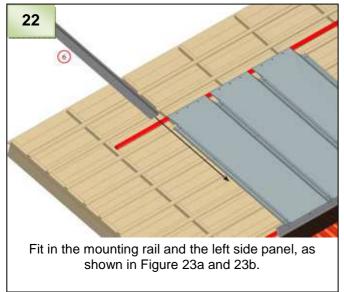


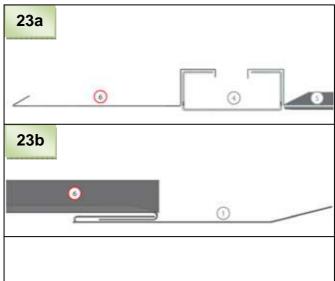
Fix the baseplate at the top side with 3 seal screws.

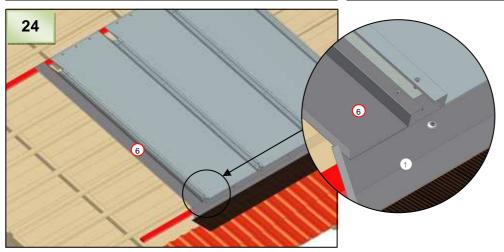


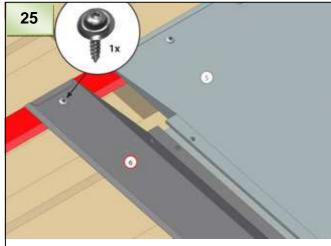
Repeat the steps 17-20 for mounting the remaining baseplates.



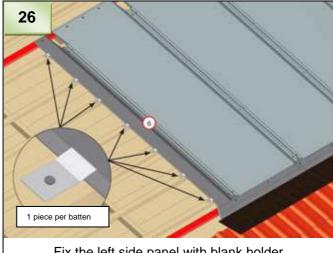






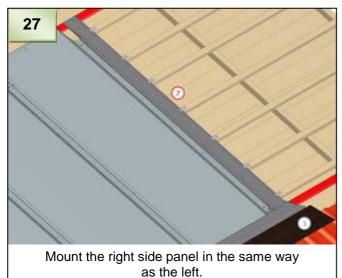


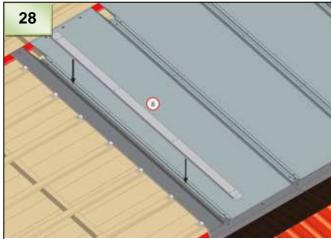
Fix the left side panel on the top side with 1 seal screw onto the roof batten.



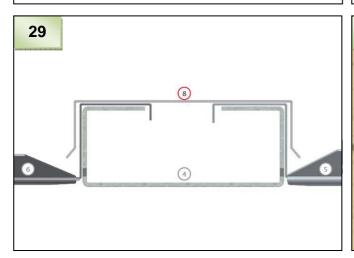
Fix the left side panel with blank holder and roofing nails.

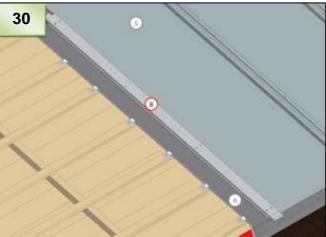


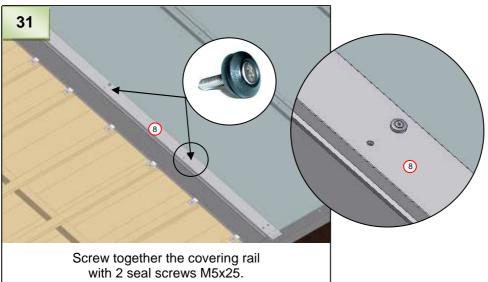




Install the covering rail above the mounting rail, baseplate and side panel, as shown in Figure 29 and 30.

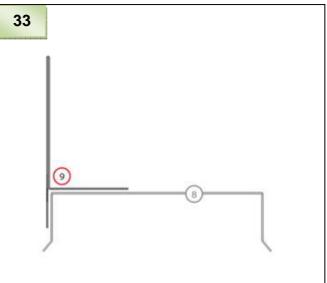




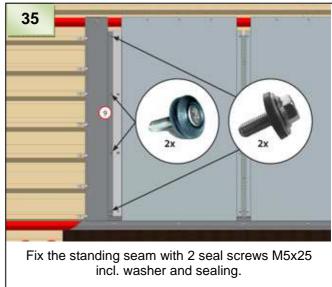


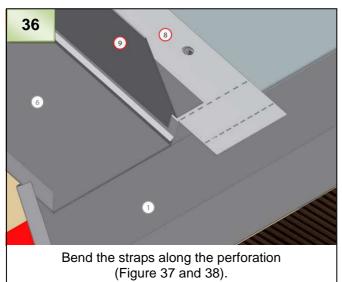


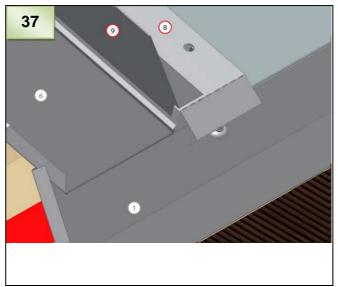








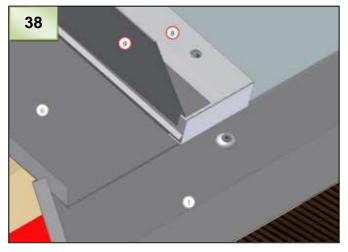




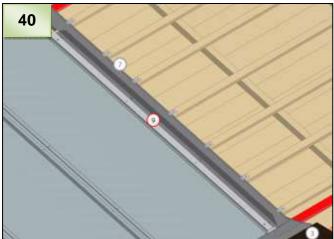
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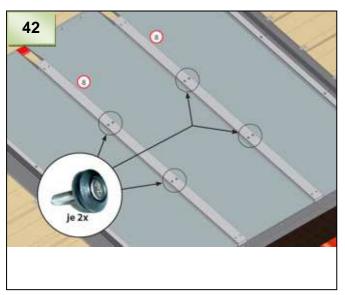


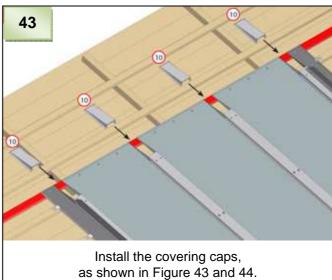


Install the remaining covering rails in the same way as the right and left and fix it with 4 seal screws

M5x25 (Figure 42).

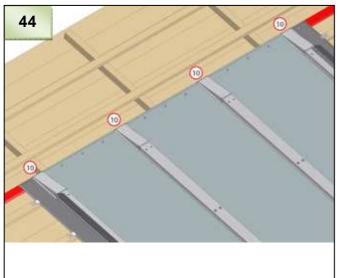
Mount the right standing seam in the same way as the left.

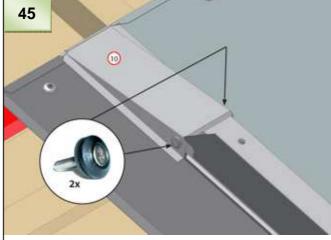




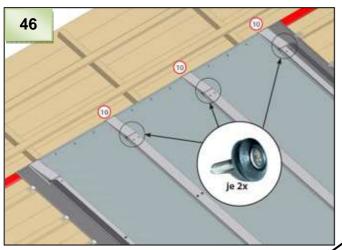
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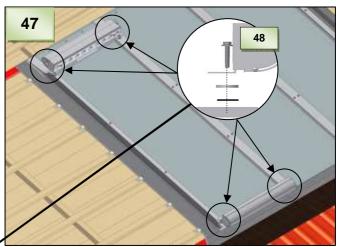


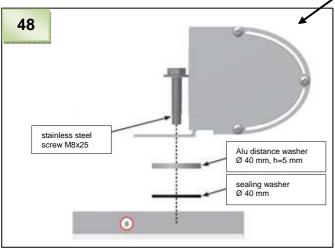




Fix the covering caps on the left and right side with 2 seal screws M5x25 (Figure 45 and 46).





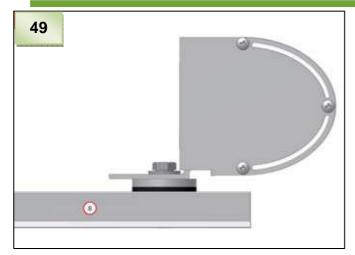


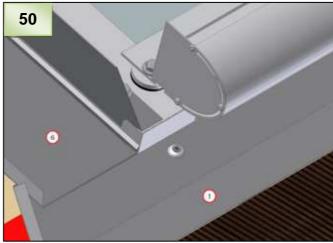


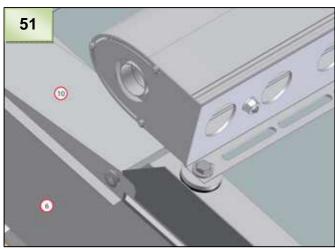
Attention: The Figures 47 to 54 show the fixing of the collectors into the In-Roof bordering.

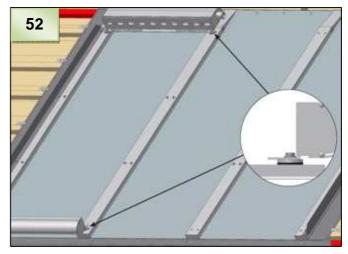
More details concerning the collector installation you will find in the collector installation manual.

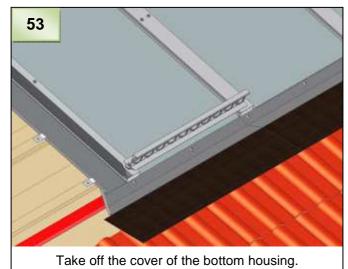


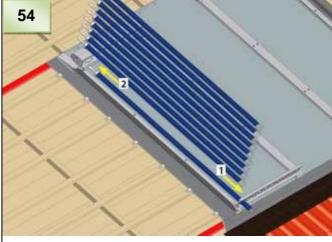






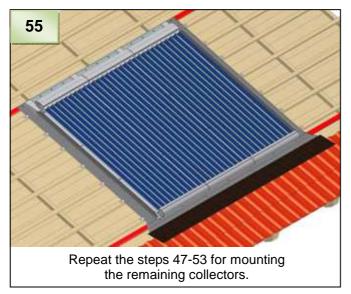


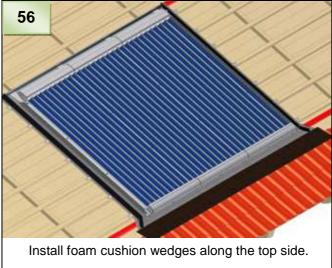


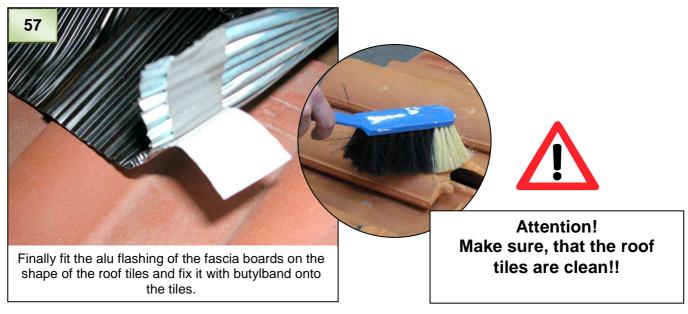


First insert the tubes downwards into the foot (1). Afterwards insert the tubes upwards into the manifold (2).













**IMPORTANT**: Please pay attention to all planning, installation and commissioning manuals. These documents are available at all times on <a href="http://akotec.eu/downloads/">http://akotec.eu/downloads/</a>.