

Mounting system for tile roofing

Product: _____
Location: _____
Customer: _____

K2 Systems – Mounting system for tile roofing**K2 CrossHook-SingleRail System**

3- or 4-fold height adjustable aluminium roof hooks CrossHook 3S and 4S for roofing with pantiles. K2 SingleRail mounting rail with side connection to the roof hook. Portrait or landscape mounting (in cross connection or with AddOn).

The sufficient holding force of the roof covering at the support or substructure must be ensured on site.

Roof pitch of 5 – 65°

We recommend a thermal separation after maximum of 18.8 m.

Statistically verified solution using the K2 Base planning software according to Eurocode 9. Load assumptions according to EUROCODE 1. Wind tunnel tested.

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The CrossHook-SingleRail System includes the following materials:

No.	Item Description	Product Code	Quantity	Price/Unit in €	Total price in €
1	K2 CrossHook 3S Set Aluminium roof hook with 3-fold height adjustable in the base plate (height under bracket: 40/47/54 mm). Pre-assembled with the K2 Climber 36/48. Dimensions: 224x100x123/130/137 Material: EN AW-6063 T66, stainless steel A2 (1.4301)	2001672			
2	Alternative: K2 CrossHook 4S Set Aluminium roof hook with 3-fold height adjustment in the base plate and 30 mm adjustability on the bracket (heights under boom 40/47/54 mm). Pre-assembled with the K2 Climber 36/48. Dimensions: 229x100x120,5-165 mm Material: EN AW-6063 T66, stainless steel A2 (1.4301)	2001821			
3	HECO-TOPICX Self-drilling wood screw round head Mit Europäischer Technischer Bewertung ETA-11/0284 Antrieb: TX 25 / 40 Maße: Material: Edelstahl A2 (1.4301)	<i>Depending on screw length</i>			
4	K2 SingleRail 36 Mounting rail height: 36 mm width: 39,4 mm, Material: EN AW-6063 T66	<i>Depending on length</i>			
5	Alternative: K2 SingleRail 50 Mounting rail height: 50 mm width: 39,4 mm, Material: EN AW-6063 T66	<i>Depending on length</i>			
6	K2 SingleRail 36 Connector Set	2001976			

Supplier:

K2 Systems GmbH, Industriestraße 18, 71272 Renningen

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	For connecting two SingleRail 36; incl. T-bolt and locknuts Dimension: 250x38x48,6xmm Material: EN AW-6063 T66 Stainless steel A2 (1.4301)				
7	Alternative: K2 SingleRail 50 Connector Set For connecting two SingleRail 50; incl. T-bolts and locknuts dimension: 250x50,5x49,15 mm Material: EN AW-6063 T66 Stainless steel A2 (1.4301)	2002404			
Module mounting portrait installation					
8	K2 Universal-module middle clamp OneMid for fastening module on mounting rails Module frame height: 30-42 mm Consisting of: ▶ 1 Middle clamp, Material: Aluminium mill finish/ black anodised ▶ 1 AluStance 15, Material: Aluminium EN AW-6063 T66 ▶ 1 K2 Allen bolt with serrated under head M8x45, Material: Stainless steel A2 (1.4301) ▶ 1 Square nut M8x15, Material: Stainless steel A2 (1.4301) ▶ 1 Plastic cage, Material: POM / black Alternative to Universal Module Middle Clamp OneMid: K2 Modulemiddleclamp XS Set For fastening the modules to supporting elements Consisting of: ▶ 1 Middle clamp XS, Material: EN AW-6063 T66 (aluminium mill finish/ black anodised)	2003071 (aluminium mill finish) 2003072 (black anodised)			
		<i>Depending on module frame height</i>			

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	▶ 1 K2 Allen bolt with serrated under head M8, similar DIN 912/EN ISO 4762, Material: stainless steel A2 (1.4301) ▶ 1 MK2 slot nut with clip, Material: stainless steel A2 (1.4301) and PA ▶ 1 Stainless steel spring				
9	K2 Universal-module end clamp OneEnd for fastening module on mounting rails. Module frame height: 30-42 mm. Consisting of: ▶ 1 Module end clamp, Material: aluminium mill finish/ black anodised ▶ 1 AluStance 15, Material: aluminium EN AW-6063 T66 ▶ 1 K2 Allen bolt with serrated under head M8x45, Material: stainless steel A2 (1.4301) ▶ 1 square nut M8x15 Material: stainless steel A2 (1.4301) ▶ 1 plastic cage, Material: POM / black Alternative to Universal Module Middle Clamp OneMid: K2 Module end clamp standard Set for fastening module on mounting rails. Consisting of: ▶ 1 Module end clamp standard, Material: EN AW-6063 T66 (aluminium mill finish/ black anodised) ▶ 1 Allen bolt with serrated under head M8, similar DIN 912/EN ISO 4762, Material: stainless steel A2 (1.4301)	2002514 (aluminium mill finish) 2002589 (black anodised) <i>Depending on module frame height</i>			

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	▶ 1 MK2 slot nut with clip, Material: stainless steel A2 (1.4301) and PA ▶ 1 stainless steel spring				
10	<i>Optional:</i> K2 EndCap SingleRail 36 End cap to end the SingleRail 36. Material: glass fibre reinforced PA	1004767			
Module mounting landscape installation cross connection					
11	Climber 36/48 Set Aluminium clip for fixing the K2 SingleRail 36&50. Set consisting of: ▶ Climber 36/48 Material: EN AW-6063 T66 ▶ Bolt with serrated under head M8x25, Material: stainless steel A2 ▶ MK2 slot nut with clip, Material: stainless steel und PA	1006041			
12	K2 SingleRail 36 Mounting rail height: 36 mm width: 39,4 mm, Material: EN AW-6063 T66	<i>Depending on length</i>			
13	<i>Alternative:</i> K2 SingleRail 50 Mounting rail height: 50 mm width: 39,4 mm, Material: EN AW-6063 T66	<i>Depending on length</i>			
Total					

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