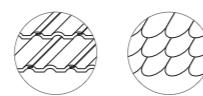


OVERVIEW

# MOUNTING SYSTEMS



RESIDENTIAL  
COMMERCIAL  
INDUSTRY



Tiled roof



Trapezoidal roof (no isolated trapezoidal roof)

Mounting systems	  		
System structure / Rail concept	roof parallel / single or double layer		roof parallel / Insertion System (always double layer)
Rail type	SingleRail	SolidRail	SolidRail + InsertionRail
Rail length (m)	2,25 3,30 4,40 5,50		
Roof fixing	roof hook with wood screws		
Fixing points	rafters		
Module clamps	for 30 - 50 mm frame height in black or silver	InsertionRail black or silver, for 35 and 40 mm frame height	MiniClamp for 30 - 50 mm frame height in black or silver
Notes	flexible in use	note usable module frame heights	because of the strength of the drilling screw in the K2-BASE planning, pay attention to the material and thickness of the metal sheet

Mounting systems	SpeedRail	MultiRail, MiniRail	MiniFive (based on MiniRail)
System structure / Rail concept	roof parallel / single or double layered	roof parallel / short rail system	5° elevation / short rail system
Rail type	SpeedRail 22	MultiRail	MiniRail
Rail length (m)	2,25 3,30 4,40 5,50	0,10 0,25	0,40
Roof fixing	with speed clip and thread-forming drilling screw	thread-forming drilling screw	thread-forming drilling screw
Fixing points	metal roofing	metal roofing	metal roofing
Module clamps	for 30 - 50 mm frame height in black or silver		
Notes	because of the strength of the drilling screw in the K2-BASE planning, pay attention to the material and thickness of the metal sheet		



### Trapezoidal roof (no isolated trapezoidal roof)

<b>Mounting systems</b>		
Solar fastener with calotte and SingleRail, SolidRail, Insertion System		Dome Classic on trapezoid
<b>System structure / Rail concept</b>	roof parallel / single or double layer with continuous rails	10° flat roof system with roof fixing
<b>Rail type</b>	SingleRail	SolidRail
<b>Rail length (m)</b>	2,25 3,30 4,40 5,50	2,10 2,25 3,30 4,40 5,50
<b>Roof fixing</b>	solar fastener with calotte (wood / steel)	with speed clip and thread-forming drilling screw
<b>Fixing points</b>	roof substructure	metal roofing
<b>Module clamps</b>	for 30 - 50 mm frame height in black or silver	for 30 - 50 mm frame height in black or silver
<b>Notes</b>	ensure sufficient beam/material thickness of the roof substructure	cannot be completely planned in K2-BASE (contact Krannich Support)



### Metal seam roof

<b>Mounting systems</b>		
Seam roof with SingleRail, SolidRail, Ribclamp		
<b>System structure / Rail concept</b>	continuous rails with direct connection to metal roofing by seam clamp	
<b>Rail type</b>	SingleRail	SolidRail
<b>Rail length (m)</b>	2,25 3,30 4,40 5,50	2,25 3,30 4,40 5,50
<b>Roof fixing</b>	seam clamp in various designs and shapes	
<b>Fixing points</b>	metal roofing	
<b>Module clamps</b>	for 30 - 50 mm frame height in black or silver	
<b>Notes</b>	due to contact corrosion, ensure suitable material of the seam clamp	



### Corrugated fibre cement panels (Eternit)

<b>Mounting systems</b>	 Hanger bolt with SingleRail, SolidRail, Insertion System	
<b>System structure / Rail concept</b>	roof parallel / single or double layer with continuous rails	
<b>Rail type</b>	SingleRail	SolidRail
<b>Rail length (m)</b>	2,25 3,30 4,40 5,50	
<b>Roof fixing</b>	hanger bolt (wood) or solar fastener (wood + steel)	
<b>Fixing points</b>	roof substructure	
<b>Module clamps</b>	for 30 - 50 mm frame height in black or silver	InsertRail black or silver, for 35 and 40 mm frame height
<b>Notes</b>	ensure sufficient beam thickness of the roof substructure	mounting system only possible with double-layer



### Flat roof

<b>Mounting systems</b>	 Dome V (South + E/W)		 Dome 6.10 (South + E/W)	
<b>System structure</b>	low ballast, aerodynamic flat roof system without roof penetration for bitumen, membrane, gravel and green roofs			
<b>System</b>	S-Dome V 10	S-Dome V 15	D-Dome V	S-Dome 6.0
<b>Alignment</b>	South	East-West	Roof parallel	South
<b>Continuous rail concept</b>	No		Yes	
<b>Module angle</b>	10°	15°	10°	0°
<b>Module length (mm)</b>	1550 to 1760 / 1800 to 2100		1448 to 2390	
<b>Module width (mm)</b>	950 to 1053		950 to 1170	
<b>Notes</b>	also available as 15° S-Dome V		very low-ballast system, pre-assembled components, can be used for wide modules	