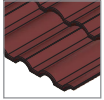

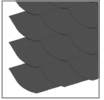
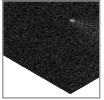



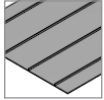
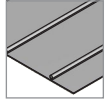






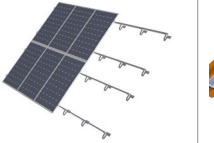
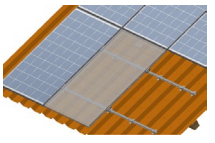
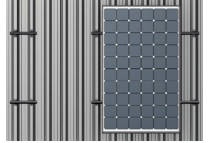

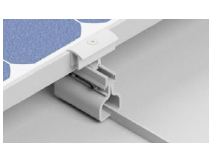
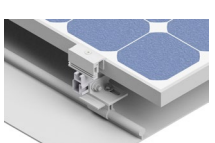


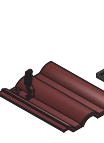
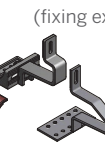
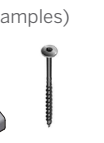





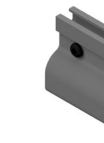
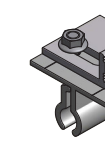











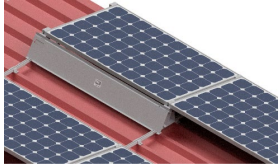
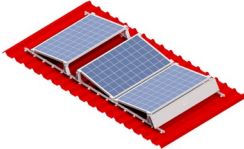












MOUNTING SYSTEMS FOR EVERY ROOF SURFACE

Parallel to the roof solutions.

Roofing	 tiles	 plain tiles	 slate	 bitumen	 trapezoidal sheet metal	 sandwich	 corrugated eternit	 metal seam roof	 Kalzip	 bitumen	 membrane roof	 concrete	 gravel	 green roof				
System	IBC TopFix 200										IBC AeroFlat							
System view	 insertion system	 clamp system	 long rail system	 short rail system														
Rail position	two-layer	single-layer/two-layer	single-layer/two-layer		single-layer/two-layer	without rail/single-layer	single-layer/two-layer	single-layer/two-layer		two-layer								
Roof inclination	up to 75°										up to 30°							
Roof fixing/ ballasting	<p>(fixing examples)</p>  Mammut Form S+ (metal tiles)  roof hook  wood screw  ASD-screws (for rooftop insulation)				 trapezoidal sheet metal clamp  self-drilling screw or blind rivet  hanger bolt or solar fastener				 hanger bolt or solar fastener		 universal metal seam clamp G2		 original Kalzip clamp		 ballasting >3° roof pitch required a additional fixing against sliding			
Module orientation	 portrait					 landscape					 portrait							

MOUNTING SYSTEMS FOR EVERY ROOF SURFACE

Elevated solutions.

Roofing	 <p>bitumen membrane roof concrete gravel green roof</p>	 <p>trapezoidal sheet metal sandwich</p>	 <p>corrugated eternit trapezoidal sheet metal sandwich bitumen tiles concrete</p>			
System	IBC AeroFix		IBC TopFix 200 Trapezoidal Support		IBC TopFix 200 Delta-Support	
System view	 <p>south orientation</p>	 <p>east-west orientation</p>	 <p>south orientation</p>	 <p>east-west orientation</p>	 <p>single row</p>	 <p>multi row</p>
Module inclination	10°/15°		10°/15°		10° - 45°	
Roof inclination	up to 10°		up to 30°			
Roof fixing/ ballasting	 <p>ballasting</p> <p>>3° roof pitch required a additional fixing against sliding</p>		 <p>trapezoidal sheet metal clamp</p> <p>+</p>  <p>self-drilling screw or blind rivet</p>		<p>(fixing examples)</p>  <p>hanger bolt</p>  <p>solar fastener</p>  <p>roof hook</p>  <p>ballasting</p>	
Module orientation	 <p>portrait</p>		 <p>portrait</p>  <p>landscape</p>			