


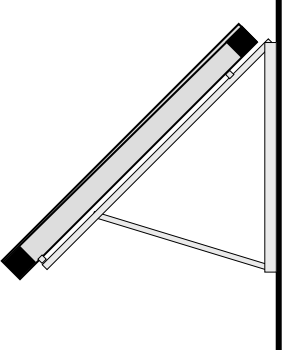



Solar Thermal Collector Wind and Snow Load Design Parameters

	<p>On Roof Installation</p>
<p>Collector type</p>	<p>SKS 4.0/SKN 3.0 vertical / horizontal format</p>
<p>Roof / wall type</p>	<p>Tile, flat shingle, corrugated sheet metal</p>
<p>Permitted inclination of roof</p>	<p>25° - 65°</p>
<p>Building height (wind speed) up to 65 ft (20 m) (wind speed up to 80 mph (129 km/h)) up to 330 ft (100 m) (wind speed up to 94 mph (151 km/h))</p>	<p>Permitted without auxiliary loading rail Permitted only with vertical collector format using auxiliary-rail and snow/wind load rail</p>
<p>Snow loads according to DIN1055, Part 5 0- 42 lbs/ft² (0 - 2 kN/m²) > 42 lbs/ft² (2 kN/m²)</p>	<p>Permitted without auxiliary loading rail Permitted only with vertical collector format using auxiliary-rail and snow/wind load rail up to 65 lbs/ft² (3.1 kN/m²)</p>
	<p>In Roof Installation</p>
<p>Collector type</p>	<p>SKS 4.0/SKN 3.0 vertical / horizontal format</p>
<p>Roof / wall type</p>	<p>Tile, flat shingle</p>
<p>Permitted inclination of roof</p>	<p>25° - 65°</p>
<p>Building height (wind speed) up to 65 ft (20 m) (wind speed up to 80 mph (129 km/h)) up to 330 ft (100 m) (wind speed up to 94 mph (151 km/h))</p>	<p>Permitted without auxiliary loading rail Permitted only with vertical collector format using auxiliary-rail and snow/wind load rail</p>
<p>Snow loads according to DIN1055, Part 5 0- 42 lbs/ft² (0 - 2 kN/m²) > 42 lbs/ft² (2 kN/m²)</p>	<p>Permitted without auxiliary loading rail Permitted only with vertical collector format using auxiliary-rail and snow/wind load rail up to 65 lbs/ft² (3.1 kN/m²)</p>

	<p>Flat Roof Installation</p>
<p>Collector type</p>	<p>SKS 4.0/SKN 3.0 vertical / horizontal format</p>
<p>Roof / wall type</p>	<p>N/A</p>
<p>Permitted inclination of roof</p>	<p>0° (for low inclined roofs, additional fastening using cable is necessary)</p>
<p>Building height (wind speed) up to 65 ft (20 m) (wind speed up to 80 mph (129 km/h)) up to 330 ft (100 m) (wind speed up to 94 mph (151 km/h))</p>	<p>Permitted without auxiliary loading rail Permitted only with vertical collector format using auxiliary-rail and snow/wind load rail</p>
<p>Snow loads according to DIN1055, Part 5 0- 42 lbs/ft² (0 - 2 kN/m²) > 42 lbs/ft² (2 kN/m²)</p>	<p>Permitted without auxiliary loading rail Permitted only with vertical collector format using auxiliary-rail and snow/wind load rail up to 65 lbs/ft² (3.1 kN/m²)</p>
	<p>Facade or Wall Mounted Installation</p>
<p>Collector type</p>	<p>SKS 4.0/SKN 3.0 Horizontal format</p>
<p>Roof / wall type</p>	<p>Applicable for installation</p>
<p>Permitted inclination of roof</p>	<p>N/A</p>
<p>Building height (wind speed) up to 65 ft (20 m) (wind speed up to 80 mph (129 km/h)) up to 330 ft (100 m) (wind speed up to 94 mph (151 km/h))</p>	<p>Permitted with auxiliary loading rail Not permitted</p>
<p>Snow loads according to DIN1055, Part 5 0- 42 lbs/ft² (0 - 2 kN/m²) > 42 lbs/ft² (2 kN/m²)</p>	<p>Permitted with auxiliary loading rail Not permitted</p>
<p>Collector Certification</p>	

Subject to change without Notice