

# Datasheet

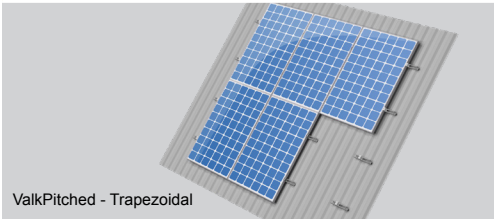
## ValkPitched - Trapezoidal

**VAN DER VALK**

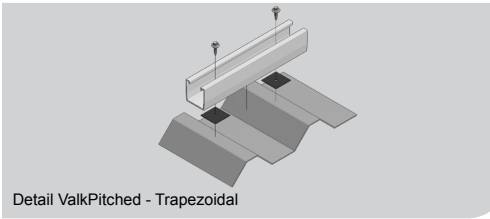


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ValkPitched - Trapezoidal



Detail ValkPitched - Trapezoidal

### Technical specifications

- Mounting system for steel, aluminium, trapezoidal and corrugated roofs.
- Fixation by use of thin sheet screw.
- Minimum crown width: 25 mm.
- Watertight seal by neoprene ring on the thin sheet screw and rubber plates.
- Profiles equipped with pre-punched hole pattern.
- Panels can be installed in both portrait and landscape configuration.

### ValkPitched - Trapezoidal vs. competitive systems

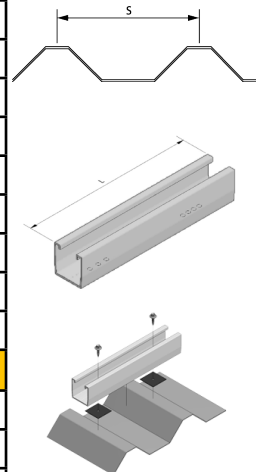
- Universal mid- and end-panel clamps (H 28-50 mm).
- Profiles provide a stable platform for panel mounting.
- Calculations and implementation according to Eurocodes.
- Very fast mounting.
- Low costs due to minimal material requirement.

### Project calculation

- With the use of a special calculation tool projects can easily be calculated.

### Article numbers

Profile lengths for portrait mounting		
Article numbers	Description	CtC (S)
Material type	EN AW 6060 (AlMgSi 0,5)	
7270240	Alu. trapezoidal profile L = 240 mm	110 - 150 mm
7270280	Alu. trapezoidal profile L = 280 mm	150 - 190 mm
7270320	Alu. trapezoidal profile L = 320 mm	190 - 230 mm
7270360	Alu. trapezoidal profile L = 360 mm	230 - 270 mm
7270400	Alu. trapezoidal profile L = 400 mm	270 - 310 mm
7270440	Alu. trapezoidal profile L = 440 mm	310 - 350 mm
7270610	Alu. trapezoidal profile L = 610 mm	480 - 520 mm
701807000	Alu. trapezoidal profile L = 7000 mm	
Profile lengths for landscape mounting		
7269120	Alu. trapezoidal profile L = 120 mm EPDM incl.	
7270120	Alu. trapezoidal profile L = 120 mm	
7270240	Alu. trapezoidal profile L = 240 mm	
Fixation material		
779223	Alu. rivet	see overleaf for more specifications
773225	SS thin sheet screw	see overleaf for more specifications
779220	Rubber plate	see overleaf for more specifications



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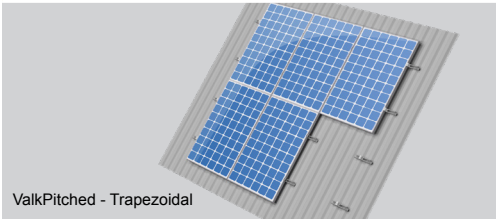
## ValkPitched - Trapezoidal

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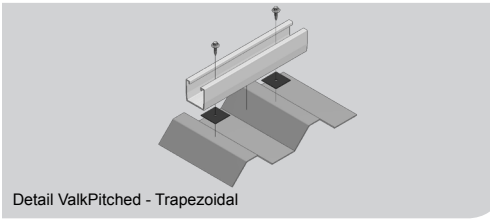


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### Specification table fixation material

Aluminium rivet			
Article number	779223		
Description	Aluminium rivet with EPDM washer		
Size	6.3 x 23.4 mm		
Rivet	Ø 6.3 +/- 0.1 mm		
Head	Ø 14.4 +/- 0.3 mm		
Pin tail	Ø 3.9 mm x ≥ 25.4 mm		
Washer	EPDM		
Drill hole	6.5 mm incl. alu. profile		
Clamp range	3.2 - 9.5 mm		
Plate thickness	Steel 0.5 - 1.25 mm and Aluminium 0.5 - 1.5 mm		
Thin sheet screw			
Article number	773225		
Description	SS thin sheet screw with EPDM (E16) washer		
Size	6.0 x 25 mm		
Material	Bimetal (Stainless steel A2 / hardened steel)		
Plate thickness	Steel 0.5 - 1.25 mm and Aluminium 0.5 - 1.5 mm		
Advice max. torque	Steel plate		> 0.8 mm = 3 Nm
	Steel plate		< 0.8 mm = 1 Nm
	Aluminium plate	> 0.8 mm = 1 Nm	
	Aluminium plate	< 0.8 mm = 0.5 Nm	
Processing speed from 1600 to 1800 rev / min until the sheet is penetrated, then stop and tighten the screw slowly.			
Rubber plate			
Article number	779220		
Description	Rubber plate for trapezoidal profile		
Size	40 x 40 x 1 mm		
Material	EPDM 70 shore		
Central hole	Ø 5 mm		

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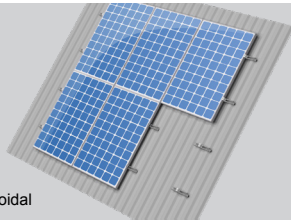
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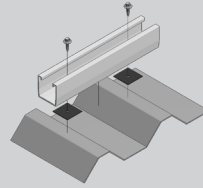
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### Tools

Rivet pliers (example)		
Brand	Masterfix	
Type	MFX 260 - Rivet pliers with long legs for heavy use	
Capacity	Ø 3.0 - 6.4 mm stainless steel	
Body	ABS with steel parts	
Handle	Steel	
Length	500 mm	
Attachments	Nose pieces Ø 3.0- 6.4 mm	1 Collecting cup for the towing pin

