

## MCS Product Certificate

Date Issued	7th May 2025	Annual review date	29th September
Issue number	5	Original/Amendment	Original
Certificate number	KIWA00037	Page	1 of 5

## MCS Product Certification Certificate

Issued by Kiwa Ltd

MCS Product Certification Scheme Standards – MCS010, MCS011, MCS012 Issue 3  
Model designations – see Appendix

### Producer:

**Van der Valk Solar Systems B.V**

Zwartendijk 73  
Monster  
2681 LP  
The Netherlands

### Manufacturer:

As Above

Kiwa Ltd declares that the products detailed in the Appendices have been assessed by Kiwa and meet the requirements of the above MCS Product Certification Standards.

Signed on behalf of Kiwa Ltd

Mark Crowther  
MCS Certification Director  
Kiwa Ltd

This certificate is subject to the producer continuing to comply with the Kiwa MCS Product Scheme Rules and ongoing Annual Surveillance



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# CERTIFICATE

# MCS Product Certificate

Appendix to Certificate KIWA00037

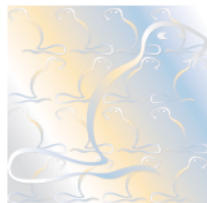


Page 2 of 5

The following products have been assessed and registered by Kiwa Ltd against the provisions of:  
MCS 010, MCS 011, MCS 012 Issue 3

Product Name	Model Name		MCS Certificate Number		
ValkPitched	ValkPitched Clamp for tiled roofs		KIWA00037/002 IK		
Type	Above Roof:            System				
System components	Components for this system are listed in ANNEX I – only those listed are included in the scope of the certification.				
System/Component Description	Roof hook based system with rails attached by bolts. Range of screw locations for mounting the hooks. Hooks are adjustable vertically and horizontally. PV modules fixed with aluminium clamps.				
Compatible Roof Coverings	• Discontinuous o Profile concrete/clay tile				
Tests Undertaken ( <del>strike</del> through inapplicable)	Resistance to wind uplift		Yes / <del>No</del>		
	Fire performance		<del>Yes</del> / No		
	Weather tightness		Yes / <del>No</del>		
Resistance to Wind Uplift					
If attached to sub-structure: Compatible substructures	Timber				
Test Preparation	2 Solar PV modules mounted onto 2 horizontally positioned mounting rails. 2 end clamps applied on the outside edge of each panel and 2 middle clamps between the adjacent edges of the panels. The mounting rails each attached by 3 roof hooks onto the wooden substructure of the test rig.				
Maximum Design Wind Uplift Resistance	1.80 kPa	Partial (safety) factor(s)		1.0	
Failure Mode	Serviceability Limit State				
If attached to timber sub-structure: For certified wind uplift resistance in sound timber - dimensions	width 55 mm X depth 150 mm				
Weathertightness					
If discontinuous roof covering					
Reference Roof Covering	Type:	Pantiles	Pitch:	30 °	Head-lap            85 mm
	Maximum unprotected gap in reference roof covering (+/- 1mm)				Not determined
Maximum unprotected gap with mounting system/component installed (+/- 1mm)				Not determined	
Minimum Permissible roof Pitch (°)				30 °	
Test B (if applicable)	Applied suction at leakage rate 10g/m2/5min				0.06 kPa
Test D (if applicable)	Leakage observed after 2 min				0 g
Fire Performance					
Fire Classification	BS 476-3: 2004		Not determined		
	CEN TS 1187:2012 Test 4		Not determined		
	Not required		The fire performance of this above roof mounting system is not currently required for MCS 012. Research is ongoing into any influence above roof solar panels could have on the fire classification of the roof mounting system.		
Applicable Solar Panels	NA				

CERTIFICATE



# MCS Product Certificate



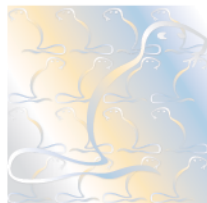
Appendix to Certificate KIWA00037

Page 3 of 5

The following products have been assessed and registered by Kiwa Ltd against the provisions of: MCS 010, MCS 011, MCS 012 Issue 3.0

Product Name	Model Name		MCS Certificate Number			
ValkAce	ValkAce for tiled roofs		KIWA00037/003 IK			
Type	Above Roof:            System					
System components	Components for this system are listed in ANNEX I – only those listed are included in the scope of the certification.					
System/Component Description	SS Roof hook based system with rails attached aluminium clip arrangement. Range of screw locations for mounting the hooks. Hooks are height adjustable. PV modules fixed with aluminium clamps.					
Compatible Roof Coverings	• Discontinuous o Profile concrete/clay tile					
Tests Undertaken	Resistance to wind uplift			Yes / No		
	Fire performance			Yes/ No		
	Weather tightness			Yes / No		
Resistance to Wind Uplift						
If attached to sub-structure: Compatible substructures	Timber					
Test Preparation	2 Solar PV modules mounted onto 2 horizontally positioned mounting rails. 2 end clamps applied on the outside edge of each panel and 2 middle clamps between the adjacent edges of the panels. The mounting rails each attached by 3 roof hooks onto the wooden substructure of the test rig.					
Maximum Design Wind Uplift Resistance	1.83 kPa	Partial (safety) factor(s)		1.0		
Failure Mode	Serviceability Limit State					
If attached to timber sub-structure: For certified wind uplift resistance in sound timber - dimensions	width 55 mm X depth 150 mm					
Weathertightness						
If discontinuous roof covering						
Reference Roof Covering	Type:	Pantiles	Pitch:	30 °	Head-lap	85 mm
	Maximum unprotected gap in reference roof covering (+/- 1mm)					Not determined
Maximum unprotected gap with mounting system/component installed (+/- 1mm)					Not determined	
Minimum Permissible roof Pitch (°)					30 °	
Test B (if applicable)	Applied suction at leakage rate 10g/m2/5min					0.06 kPa
Test D (if applicable)	Leakage observed after 2 min					0 g
Fire Performance						
Fire Classification	BS 476-3: 2004		Not determined			
	CEN TS 1187:2012 Test 4		Not determined			
	Not required		The fire performance of this above roof mounting system is not currently required for MCS 012. Research is ongoing into any influence above roof solar panels could have on the fire classification of the roof mounting system.			
Applicable solar panels	NA					

CERTIFICATE



# MCS Product Certificate



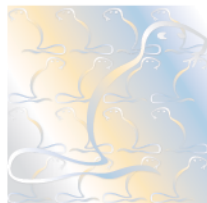
Appendix to Certificate KIWA00037

Page 4 of 5

The following products have been assessed and registered by Kiwa Ltd against the provisions of:  
MCS 010, MCS 011, MCS 012 Issue 3.0

Product Name	Model Name		MCS Certificate Number	
ValkPitched	ValkPitched Clamp Trapezoidal		KIWA00037/004 IK	
Type	Above Roof:            System			
System components	Components for this system are listed in ANNEX I – only those listed are included in the scope of the certification.			
System/Component Description	Mini rail based customizable installation kit for attachment to trapezoidal profiled continuous metal roof coverings.			
Compatible Roof Coverings	• Continuous: o Sheet or profiled metal o Other (describe) - Trapezoidal metal sandwich panel			
Tests Undertaken	Resistance to wind uplift		Yes / No	
	Fire performance		Yes / No	
	Weather tightness		Yes / No	
Resistance to Wind Uplift				
If attached to roof covering: Compatible roof covering	Trapezoidal metal sheet			
Test Preparation	2 Solar PV modules mounted in horizontal orientation onto trapezoidal sandwich panels using 6 alu profile brackets with 2 end clamps applied on the outside edge of each panel and 2 middle clamps between the adjacent edges of the panels.			
Maximum Design Wind Uplift Resistance	1.35 kPa	Partial (safety) factor(s)	1.0	
Failure Mode	Serviceability Limit State			
If attached to timber sub-structure: For certified wind uplift resistance in sound timber - dimensions	Not applicable			
Weathertightness				
If continuous roof covering				
Reference Roof Covering	Type:	Trapezoidal metal sheet	Pitch:	0 °
Impermeability test (if applicable)	Leakage observed at end of test			0 g
Test D (if applicable)	Leakage observed after 2 min			Not applicable
Fire Performance				
Fire Classification	BS 476-3: 2004		Not determined	
	CEN TS 1187:2012 Test 4		Not determined	
	Not required		The fire performance of this above roof mounting system is not currently required for MCS 012. Research is ongoing into any influence above roof solar panels could have on the fire classification of the roof mounting system.	
Applicable solar panels	N/A			

CERTIFICATE



# MCS Product Certificate

Annex I to Certificate KIWA00037



Page 5 of 5

The following components are common for the product systems that have been assessed and registered by Kiwa Ltd against the provisions of:

MCS 010, MCS 011, MCS 012 Issue 3.0

Mounting frame installation components	
ValkPitched Clamp for tiled roofs - KIWA00037/002 IK	
Customisable kit comprising variable numbers of the following parts:	Part Number
Ss Strongline roof hook	747844
Ss Torx Screw 5.5x58mm	773360
Alu. Side++ profile (7017xxxxx) (various lengths)	7017xxxxx
Alu. Coupling for Side++ profile	724863
Mid panel clamp for alu profile – T30 – clamping range 28-50mm	721550
End panel clamp for alu profile – T30 – clamping range 28-50mm	721552
ValkAce for tiled roofs - KIWA00037/003 IK	
Customisable kit comprising variable numbers of the following parts:	
Ss Strongline roof hook – ValkAce	747506
Ss Strongline Heavy Duty roof hook – ValkAce	747504
Ss Torx Screw 5.5x58mm	773360
Alu. Profile ValkAce (701900000) (various lengths)	701900000
Coupling piece ValkAce profile	749502
Alu. Mid clamp ValkAce	721410
Alu. End clamp ValkAce	721412
ValkPitched Clamp Trapezoidal - KIWA00037/004 IK	
Alu. trapezoidal profile L=120mm + EPDM	7269120
Ss. thin sheet screw M6x25mm	773225
Alu. mid panel clamp alu profile 28-50mm	
Alu. end panel clamp alu profile 28-50mm	

CERTIFICATE