

MCS Product Certification Certificate

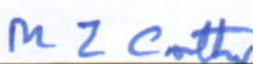
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Issued by Kiwa Ltd

Producer Name:	Esdec BV
Producer Address:	Paderbornstraat 4 Deventer 7418 BP The Netherlands
Manufacturer Name:	Esdec BV
Manufacturer Address:	As Above
Certificate Number:	KIWA00002
Issue Number:	2
Date Issued:	15 th August 2016
Annual Review Date:	13 September
Original/Amendment	Original
MCS Product Certification Scheme Standards	MCS010, MCS011, MCS012 v2.1
Model Designations	See Appendix

Declaration

Kiwa Ltd declares that the products detailed in the Annex 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





Appendix to Certificate KIWA00002

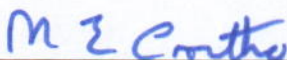
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Product Name	Model Name	MCS Certificate Number
ClickFit Range	ClickFit for Roof Tiles	KIWA0002/002 IK

Range of Permissible Roof Pitch (degrees)	>17.5°	
Compatible Roof Coverings	Tiled roofs with wooden substructure	
Roofing Substrate For certified wind uplift resistance in sound timber	Min rafter size (h x w mm)	Roofing Substrate For certified wind uplift resistance in sound timber
	150 mm x 55 mm	46 mm x 21 mm
Further notes on fixing (where relevant)	Tiles may need to be ground in accordance with manufacturer instructions to ensure satisfactory fitting of mounting hooks.	
Maximum Design Wind Uplift Calculated by dividing the characteristic wind uplift by the partial safety factor shown below	1.72kPa for arrays using 4 roof hooks per 1.6m x 0.8m panel 1.38kPa for arrays using 3 roof hooks per 1.6 x 0.8m panel	
Partial (safety) factor(s)	1.1	
Fire Classification	BS476-3:2004	Fire Classification
	N/A	N/A
Limitations on Fire Classification	This kit is suitable for: Above roof installations over non-flammable outer roof covering only	

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

Signed on behalf of Kiwa Ltd


Mark Crowther – MCS Certification Director

