



Declaration of performance (System 2+)

Declaration Name	Aluminum components
No.	L001
Product identification	R400523; R400523-B; R400524; R400524-B; R400525; R400525-B; R400527; R400527-B; R400528; R400528-B; R400529; R400529-B; R400535; R400506; R400509; R400510; R400517; R400519; R400516; R400532; R400531; R400532; R420012; R420014; R420130; R420131; R400017; R400005; R400028; R400552; R400553; R400554; R400555; R400556; R400557; R410552; R410553; R410554; R410555; R410556; R410557; R410550; R400015; R500404; R500400; R500409; R500505; R500506; R500500; R500499 R500420; R500419;R500423; R510422; R500520; R500421; R500500; R500401; R500403; R500407; R500402; R500501; R500519; R400025; R400018; R460018; R400024; R400018-B; R400402; R400403; R400404; R400405; R400406; R400600; R400601; R410011; R410012; R410013; R420171; R420172; R420411; R420423; R400533; R420084; R420084-B; R420085; R420085-B; R420024; R400363; R400565; R500227; R500228; R500230; R500231; R500232; R500233; R500234; R500235; R500266; R500240; R500236; R500241; R500242; R500237; R500243; R500250; R500251; R500252; R500253; R500260; R500261; R500262; R500263; R520282; R500264; R500265; R500267; R500268; R520220; R520221; R520222; R520229; R520224; R520225; R520240; R520243; R520244; R520245; R520246; R500241; R420353; R460196; R400506; R400525; R400527; R400529; R400529-B; R400531; R400532; R400533; R400534; R400536; R400549; R400549-B; R400566; R400570; R400570-B; R400571; R400571-B; R400572; R400573
Intended purpose:	System components for roof top mounting of photovoltaic module substructure.
Manufacture:	Renusol Europe GmbH Piccoloministr 2 51063 Köln
Harmonized Norm:	EN 1090-1:2009 + A1:2011
Notified body:	0035 TÜV Rheinland Industrie Service GmbH Am Grauen Stein 51105 Köln
Performance Features	Declared Performance
Standard geometric tolerances	DIN EN 1090-2 and DIN EN 755-9
Weldability	EN-AW-6063/ EN-AW-8082 according EN 573-3
Fracture toughness	not applicable for aluminum
Fracture toughness	
Fire resistance	NPD
Fire behavior	A1 according EN 13501
Release of cadmium	NPD
Release of radioactive radiation	NPD
Durability	NPD
Load capacity	EN 1999 (Eurocode 9)
Fatigue resistance	NPD
Manufactured according	Part Specification(Drawing) and EN 1090-3, EXC2
The named components complies the declared Performance above. This declaration of performance is in accordance with to Regulation (EU) Nr. 305/2011 and under sole responsibility of the manufacturer. Signed on behalf of the manufacturer:	
Name: Dieter Heck	
Place: Cologne , Germany	Date: 12.09.2024
Signature: The latest version is available at www.Renusol.com	


Products of this Declaration of Performance are marked with the following information:

 22	Declaration Name/ No: EU Norm Certificate No Intended purpose:	Aluminum components / L001 DIN EN 1090-1 EXC 2 0035-CPR-1090-1.01473.TÜVRh.2021.004 System components for roof top mounting of photovoltaic module substructure.
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Declaration of Performance(System 2+)

Declaration Name	Steel components without coating
No.	L002
Product identification	R420150; R900314; R700011; R420160; R420094; R420096; R420097; R420157 R420158; R420159; R420154; R420155; R420156; R420153; R400016
Intended purpose:	System components for roof top mounting of photovoltaic module substructure.
Manufacture:	Renusol Europe GmbH Piccoloministr 2 51063 Köln
Harmonized Norm:	EN 1090-1:2009 + A1:2011
Notified body:	0035 TÜV Rheinland Industrie Service GmbH Am Grauen Stein 51105 Köln
Performance Features	Declared Performance
Standard geometric tolerances	DIN EN 2768-1
Weldability	1.4301 Rp0,2 >275 according EN 10088-2
Fracture toughness	> 60J at 20° C
Fracture toughness	
Fire resistance	NPD
Fire behavior	A1 according EN 13501
Release of cadmium	NPD
Release of radioactive radiation	NPD
Durability	III/moderate according DIN EN 10088-1
Load capacity	EN 1993 (Eurocode 3)
Fatigue resistance	NPD
Manufactured according	Part Specification(Drawing) and EN 1090-2, EXC2
<p>The named components complies the declared Performance above. This declaration of performance is in accordance with to Regulation (EU) Nr. 305/2011 and under sole responsibility of the manufacturer. Signed on behalf of the manufacturer:</p> <p>Name: Dieter Heck</p> <p>Place: <i>Köln</i>  Date: <i>9.11.22</i></p> <p>Signature:</p> <p>The latest version is available at www.Renusol.com</p>	


Products of this Declaration of Performance are marked with the following information:

 xx	Declaration Name/ No: EU Norm Certificate No	Steel components without coating / L002 DIN EN 1090-1 EXC 2 0035-CPR-1090-1.01473.TÜVRh.2021.004
	Intended purpose:	System components for roof top mounting of photovoltaic module substructure.

Declaration of performance (System 2+)

Declaration Name	Steel components galvanized
No.	L003
Product identification	R420165; R420180; R420181; R410182; R420183; R400352; R420352; R101500; R420166
Intended purpose:	System components for roof top mounting of photovoltaic module substructure.
Manufacture:	Renusol Europe GmbH Piccoloministr 2 51063 Köln
Harmonized Norm:	EN 1090-1:2009 + A1:2011
Notified body:	0035 TÜV Rheinland Industrie Service GmbH Am Grauen Stein 51105 Köln
Performance Features	Declared Performance
Standard geometric tolerances	DIN EN ISO 2768-1 and EN 1090-2
Weldability	S355JR according EN 10025-2
Fracture toughness	27 J bei 20°C
Fracture toughness	
Fire resistance	NPD
Fire behavior	A1 according EN 13501
Release of cadmium	NPD
Release of radioactive radiation	NPD
Durability	C3 according 12944-1: surface treatment P3 according EN ISO 8501-3 galvanized according ISO 1461, 14713-1 and DAST Richtlinie 022
Load capacity	EN 1993 (Eurocode 3)
Fatigue resistance	NPD
Manufactured according	Part Specification(Drawing) and EN 1090-2, EXC2
<p>The named components complies the declared Performance above. This declaration of performance is in accordance with to Regulation (EU) Nr. 305/2011 and under sole responsibility of the manufacturer. Signed on behalf of the manufacturer:</p> <p>Name: Dieter Heck</p> <p>Place: <i>Köln</i>  Date: <i>9.11.22</i></p> <p>Signature:</p> <p>The latest version is available at www.Renusol.com</p>	

Products of this Declaration of Performance are marked with the following information:

	Declaration Name/ No:	Steel components galvanized / L003
	EU Norm	DIN EN 1090-1 EXC 2
	Certificate No	0035-CPR-1090-1.01473.TÜVRh.2021.004
	Intended purpose:	System components for roof top mounting of photovoltaic module substructure..