CERTIFICATE

Conformity of the Factory Production Control

0035-CPR-1090-1.00300.TÜVRh.2025.006

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the following construction product:

Construction product	**Structural components and kits for steel structures to EXC2 according to EN 1090-2**
Intended use	for load-bearing structures in all types of buildings
CE – marking method	ZA.3.2 to ZA.3.5 acc. to EN 1090-1:2009+A1:2011
	produced by or for
Manufacturer	**Systea GmbH** **Margarete-Steiff-Strasse 6** **24558 Henstedt-Ulzburg** **GERMANY**
Manufacturing plant Production facility of the manufacturer	Systea GmbH Margarete-Steiff-Strasse 6 24558 Henstedt-Ulzburg GERMANY
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard **EN 1090-1:2009+A1:2011** under system 2+ are applied, and that the factory production control fulfills all the prescribed requirements stated therein.
Date of first issue	23.09.2013
Next Surveillance audit	22.09.2028
Period of validity	This certificate will remain valid as long as the test methods and/or the factory production control requirements included in the harmonised standard used to assess the performance of the declared characteristics do not change, and the product and the manufacturing conditions in the plant are not modified significantly.
Remarks	see reverse
Place and date of issue	Köln, 24.10.2025 Svenja Kreß

Dipl.-Ing. Makowka
Head of certification body

® TÜV, TUEV and TUV are registered trademarks. Utilisation and application requires prior approval.

Certificate number: 0035-CPR-1090-1.00300.TÜVRh.2025.006

Remarks The Notified Body - 0035 TÜV Rheinland Industrie Service GmbH has performed the initial inspection of the/of manufacturing plant(s) and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

General provisions

The conditions of the standard EN 1090-1:2009+A1:2011, from section B. 4.1 until including section B. 4.4, must be fulfilled.

The requirements of EN 1090-1:2009 + A1: 2011, section B. 4.3 are observed. These refer to the annual statements to be submitted in writing of the manufacturer to the Notified Body.

The General Terms and Conditions of the TÜV Rheinland Industrie Service GmbH apply in the currently valid version.

LE-07 Mode of declaration 1

DECLARATION OF PERFORMANCE

According to Construction Product Restrictive EU 305/2011

EN 1090-1:2009+A1:2011

The manufacturer: *Systea GmbH*
DE-24558 Henstedt-Ulzburg, Margarete-Steiff-Straße 6

certifies herewith, that the parts of bearing structure, made of steel:

1.	Product description:	Substructure systems for facades, made of steel;
2.	Component description:	Brackets, clips,
3.	Application:	Substructure for ventilated facades;
4.	Year of construction:	./.
5.	Code of execution:	EN 1090-2;
6.	Tolerances on geometrical data:	According to EN 1090-2 / Fabrication Class II
7.	Fracture toughness:	Not required for aluminium products;
8.	Weldability:	VA-1.4404; VA-1.4571; VA-1.4301; VA-1.4162
9.	Reaction to fire:	Material classified in Class A1;
10.	Release of Cadmium:	NPD;
11.	Emission of radioactivity:	NPD;
12.	Durability:	Uncoated, respectively powder-coated according to EN 12206-1;
13.	Design:	acc. to EN 1999, see external planning and calculations;
14.	Manufacturing:	According to component specification attached and EN 1090-2;
15.	Execution class:	EXC 2;
16.	Mounting:	NPD;

are corresponding to the following regulations and standards:

- ***harmonised European Standard:***
  EN 1090-1:2012-03 — Execution of steel structures and aluminium structures (Requirements for conformity assessment of structural components)

- ***other standards, guidelines and specifications:***
  EN 1090-2:2008+A1:2011 — Execution of steel structures and aluminium structures (Technical requirements for steel structures)

Number of Certificate about factory production control (FPC):

0035-CPR-1090-1.00300.TÜVRh.2025.006

Notified body: Nr.: 0035 TÜV Rheinland Industrie Service GmbH, DE-51105 Köln, Am grauen Stein.

Technical documentation is available in accordance with EN 1090-2.

Henstedt-Ulzburg,

28.10.25 .....

Tatjana Men, Head of internal production control

The content of this declaration equates to ZA.3.2 of EN 1090-1.

Item description 1	Item description 2	Item description 3
Stainless steel L-brackets		
EH4 43/120/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH4 43/120/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH4 43/120/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH4 43/120/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH5 43/140/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH5 43/140/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH5 43/140/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH5 43/140/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH6 43/160/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH6 43/160/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH6 43/160/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH6 43/160/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH7 43/180/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH7 43/180/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH7 43/180/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH7 43/180/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH8 43/200/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH8 43/200/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH8 43/200/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH8 43/200/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH9 43/220/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH9 43/220/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH9 43/220/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH9 43/220/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH10 43/240/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH10 43/240/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH10 43/240/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH10 43/240/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH11 43/260/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH11 43/260/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH11 43/260/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH11 43/260/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH12 43/280/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH12 43/280/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH12 43/280/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH12 43/280/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH13 43/300/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH13 43/300/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH13 43/300/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH13 43/300/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH14 43/320/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH14 43/320/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH14 43/320/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH14 43/320/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH15 43/340/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH15 43/340/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH15 43/340/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH15 43/340/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH16 43/360/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH16 43/360/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH16 43/360/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH16 43/360/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH17 43/380/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH17 43/380/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH17 43/380/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH17 43/380/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH18 43/400/1,7-70 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH18 43/400/1,7-70 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
EH18 43/400/1,7-150 mm	back hole 10,5x15 mm NLB single row	steel grade 1.4162
EH18 43/400/1,7-150 mm	back hole 6,6x15 mm NLB single row	steel grade 1.4162
Washer 40/30 d=2 mm	circular hole 10,5 mm	steel grade 1.4404
ECO clip V2A 40x20 mm, d=2 mm	for sheet thickness 1,5-3 mm	incl. rubber profile
ECO clip V2A 60x20 mm, d=2 mm	for sheet thickness 1,5-3 mm	incl. rubber profile

Stainless steel L-brackets

back hole 10,5 x 15 mm

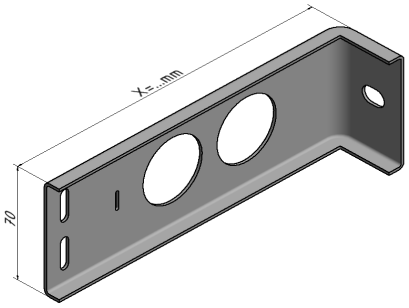
Steel grade 1.4162

Certified by Passive-House Institute

Min. protrusion= X + 10 mm, max. protrusion = X + 30 mm

Profile depth = 50 mm

X in mm	Discription
120	EH4 43/120/1,7-70 mm
140	EH5 43/140/1,7-70 mm
160	EH6 43/160/1,7-70 mm
180	EH7 43/180/1,7-70 mm
200	EH8 43/200/1,7-70 mm
220	EH9 43/220/1,7-70 mm
240	EH10 43/240/1,7-70 mm
260	EH11 43/260/1,7-70 mm
280	EH12 43/280/1,7-70 mm
300	EH13 43/300/1,7-70 mm
320	EH14 43/320/1,7-70 mm
340	EH15 43/340/1,7-70 mm
360	EH16 43/360/1,7-70 mm
380	EH17 43/380/1,7-70 mm
400	EH18 43/400/1,7-70 mm



Washer 40/30 d=2 mm
circular hole 10,5 mm
steel grade 1.4404

Stainless steel L-brackets

back hole 10,5 x 15 mm

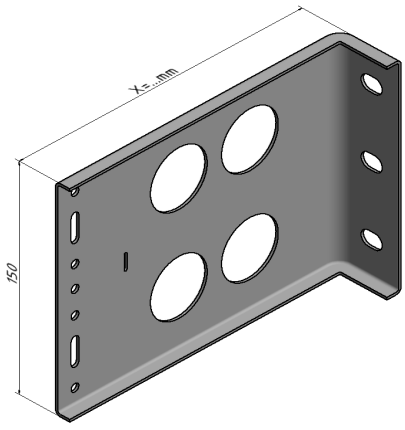
Steel grade 1.4162

Certified by Passive-House Institute

Min. protrusion= X + 10 mm, max. protrusion = X + 30 mm

Profile depth = 50 mm

X in mm	Discription
120	EH4 43/120/1,7-150 mm
140	EH5 43/140/1,7-150 mm
160	EH6 43/160/1,7-150 mm
180	EH7 43/180/1,7-150 mm
200	EH8 43/200/1,7-150 mm
220	EH9 43/220/1,7-150 mm
240	EH10 43/240/1,7-150 mm
260	EH11 43/260/1,7-150 mm
280	EH12 43/280/1,7-150 mm
300	EH13 43/300/1,7-150 mm
320	EH14 43/320/1,7-150 mm
340	EH15 43/340/1,7-150 mm
360	EH16 43/360/1,7-150 mm
380	EH17 43/380/1,7-150 mm
400	EH18 43/400/1,7-150 mm



Washer 40/30 d=2 mm
circular hole 10,5 mm
steel grade 1.4404

Stainless steel L-brackets

back hole 6,6 x15 mm

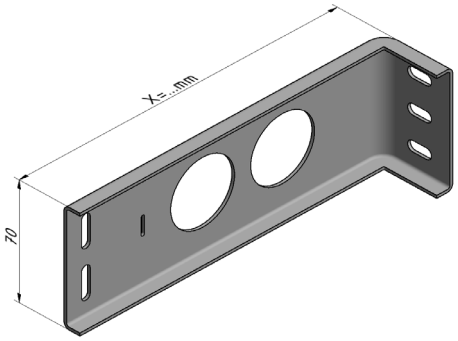
Steel grade 1.4162

Certified by Passive-House Institute

Min. protrusion = X + 10 mm, max. protrusion = X + 30 mm

Profile depth = 50 mm

X in mm	Discription
120	EH4 43/120/1,7-70 mm
140	EH5 43/140/1,7-70 mm
160	EH6 43/160/1,7-70 mm
180	EH7 43/180/1,7-70 mm
200	EH8 43/200/1,7-70 mm
220	EH9 43/220/1,7-70 mm
240	EH10 43/240/1,7-70 mm
260	EH11 43/260/1,7-70 mm
280	EH12 43/280/1,7-70 mm
300	EH13 43/300/1,7-70 mm
320	EH14 43/320/1,7-70 mm
340	EH15 43/340/1,7-70 mm
360	EH16 43/360/1,7-70 mm
380	EH17 43/380/1,7-70 mm
400	EH18 43/400/1,7-70 mm



Washer 40/30 d=2 mm
circular hole 10,5 mm
steel grade 1.4404

Stainless steel L-brackets

back hole 6,6x15mm

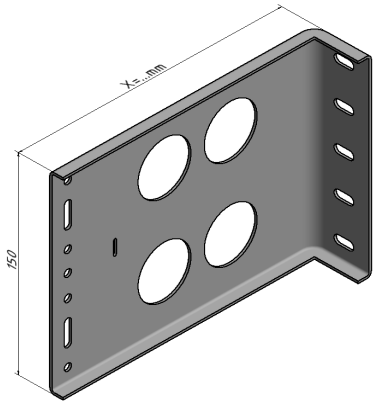
Steel grade 1.4162

Certified by Passive-House Institute

Min. protrusion = X + 10 mm, max. protrusion = X + 30 mm

Profile depth = 50 mm

X in mm	Discription
120	EH4 43/120/1,7-150 mm
140	EH5 43/140/1,7-150 mm
160	EH6 43/160/1,7-150 mm
180	EH7 43/180/1,7-150 mm
200	EH8 43/200/1,7-150 mm
220	EH9 43/220/1,7-150 mm
240	EH10 43/240/1,7-150 mm
260	EH11 43/260/1,7-150 mm
280	EH12 43/280/1,7-150 mm
300	EH13 43/300/1,7-150 mm
320	EH14 43/320/1,7-150 mm
340	EH15 43/340/1,7-150 mm
360	EH16 43/360/1,7-150 mm
380	EH17 43/380/1,7-150 mm
400	EH18 43/400/1,7-150 mm

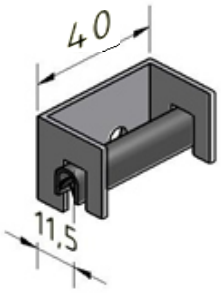


Washer 40/30 d=2 mm
circular hole 10,5 mm
steel grade 1.4404

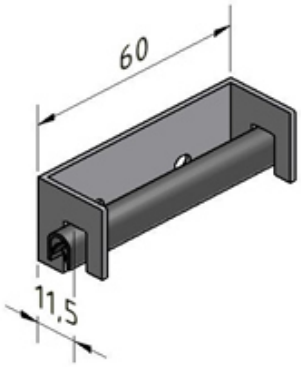
Eco Clips

Material quality/alloy A2 stainless steel

Discription



ECO clip V2A 40x20 mm, d=2 mm
for cassette joint
for sheet thickness 1,5-3 mm
incl. rubber profile



ECO clip V2A 60x20 mm, d=2 mm
for middle cassette joint
for sheet thickness 1,5-3 mm
incl. rubber profile