

CERTIFICATE OF COMPLIANCE



Sedus

se:lab e-desk/e-desk A

189425-410

Certificate Number

17 Dec 2021 - 19 Jan 2026

Certificate Period

Certified

Status

UL 2818 - 2022 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2019 Credit 7.6.1 in an Open Plan Office and Private Office environment.

Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.



GREENGUARD Certification Criteria for Individual Office Furniture Products

Criteria	CAS Number	Maximum Allowable Emission Factor		Units
		Open Plan	Private Office	
TVOC _(A)	-	345	694	µg/m ² *hr
Formaldehyde	50-00-0	42.3	85.1	µg/m ² *hr
Total Aldehydes _(B)	-	2.8	5.7	µmol/m ² *hr
4-Phenylcyclohexene	4994-16-5	4.5	9.0	µg/m ² *hr
Individual VOCs _(C)	-	1/10th TLV	1/10th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Allowable levels for chemicals not listed are derived from 1/10th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
S 60156895

Blatt *Sheet*
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Längstens gültig bis <i>Latest expiration date</i>
	0010--60422885 003	07.07.2026 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Sedus Systems GmbH
Salzkottener Str. 65
59590 Geseke
Deutschland

Fertigungsstätte *Manufacturing Plant*
Sedus Systems GmbH
Salzkottener Str. 65
59590 Geseke
Deutschland

Prüfzeichen *Test Mark*



www.tuv.com
ID 1111240555

Geprüft nach *Tested acc. to*
EK5/AK3 13-01:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Bürotisch / Büroarbeitstisch

Arbeitstische, Serie "se:lab e-desk"
Sitz- / Steharbeitstische

7

Typ A: ca. 650 bis 1280 mm
- Elektromotorische Höhenverstellung (Doppel - Teleskop)

Schreibtische:
Breiten 1400 mm bis 2000 mm, Tiefen 700 mm bis 900 mm
Tischplattendicke 19 mm bis 25 mm
Tischplatten rechteckig oder optional mit einem Radius

Material:
Stahl pulverbeschichtet, Spanplatte, Kunststoff und Metall

Elektrische Komponenten:
Motorsäule: JS36DC-3-S-650/576-U
Steuergerät: JCB36M
Max. Einschaltdauer: 10% (2min. on / 18 min. off)

7

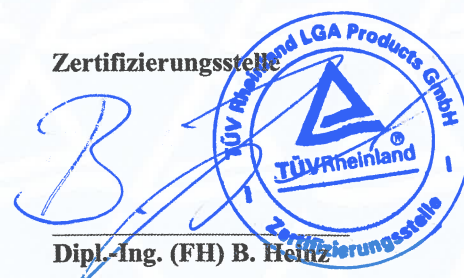
Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Produkt und Fertigungsstätte erfüllen § 20 und § 21 des
Produktsicherheitsgesetzes.
*This certificate is based on our Testing and Certification Regulation.
Product and production fulfill par § 20 and § 21 of the
Product Safety Law.*

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 <http://www.tuv.com/safety>

Ausstellungsdatum *Date of Issue* : 08.07.2021 (day/mo/yr)

Zertifizierungsstelle



Dipl.-Ing. (FH) B. Heinz

Environmental Product Information



LM10WS-RECTA_W16D08_PLE-02

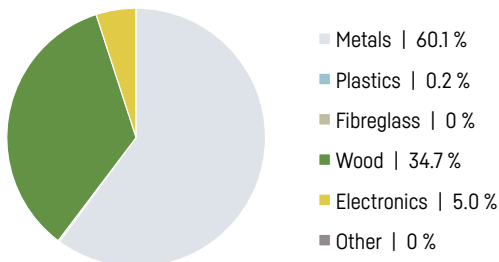
Features

- Width 1600 mm, depth 800 mm, motorised height adjustment 650 – 1280 mm by hand switch incl. sensor disconnection
- Thickness of the table top 19 mm
- Melamine, surface colour K74 natural white
- Rounded corners (radius 50 mm)
- Frame colour clear white
- 5-year guarantee (see Sedus Warranty Terms)

Production

- Water-based adhesives
- Wood from sustainably managed forests
- Galvanisation with chrome III
- Use of certified upholstery fabrics in accordance with OEKO-TEX Standard 100
- Heat generation from wood chippings
- Produced using 100% green electricity
- Produced in accordance with DIN EN ISO 9001 Quality management
- Produced in accordance with DIN EN ISO 14001 Environmental management
- Produced in accordance with DIN EN ISO 50001 Energy management
- Produced in accordance with DIN ISO 45001 Occupational safety

Materials and proportions



Recycling content/recyclable materials

	kg	%
Recycling content	17.21	36.40
	kg	%
Recycling of materials	29.99	63.44
Thermal recycling	17.28	36.56
Recycling overall	99 %	

The recycled materials and the recyclability of materials are determined based on data from experts and specialist organisations. When determining recycling values, Sedus uses conservative practice-oriented values and not merely the theoretically possible values. The figures shown include our products' packaging. This fact sheet is checked regularly and may be changed without giving prior notice. The most recent version can be downloaded from our homepage at any time.

Standards/certificates



Sedus has been committed to the principles of sustainable corporate governance of the United Nations Global Compact and its principles in terms of human rights, labour, the environment and anti-corruption since 2017.



Comprehensive sustainability report: www.sedus.com

The life cycle assessment was prepared in accordance with DIN EN 15804.

Contact: sedustainable@sedus.com



Statement

We develop products which bring together first-class quality, design, ergonomics, durability as well as ecological and economic standards in a balanced and unmistakable way – perfectly in line with our customers' needs. To this end, we set high standards for each life phase of the product.

We purchase around two thirds of the steel, aluminium and wood which we require to produce our products in Germany and almost all the rest from Europe, this helps us to avoid long delivery routes whilst, at the same time, boosting the local economy. We use materials which have been tested and assessed with respect to potentially adverse effects on human health and the environment.

REACH Regulation

This product contains no substances as per the candidate list of the REACH Regulation, Annex XIV, above the limit value of 0.1% mass percent.

Electrical appliance law

WEEE Reg No. DE 15163456

Electrical components were registered by Sedus or our suppliers as per the Electrical appliance law.

Materials

Composition of the materials used for the model:

LM10WS-RECTA_W16D08_PLE-02

Reference quantity: 1 unit

Metals

	kg	%
Steel	28.10	60.12

60.1 %

Plastics

	kg	%
Various plastics	<0.10	0.16

0.2 %

Wood

	kg	%
Coated chipboard	16.21	34.67

34.7 %

Electronics

	kg	%
Motor	1.63	3.49
PCB	0.43	0.91
Power cord	0.30	0.64

5.0 %

Other materials

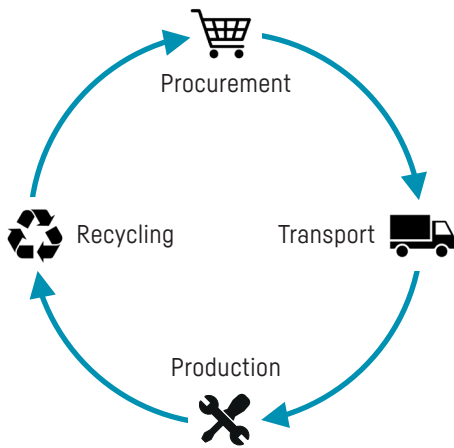
	kg	%
Fibreglass	0.00	0.00
Various materials	0.00	0.00

0.0 %

Total weight (without packaging) 46.75 kg

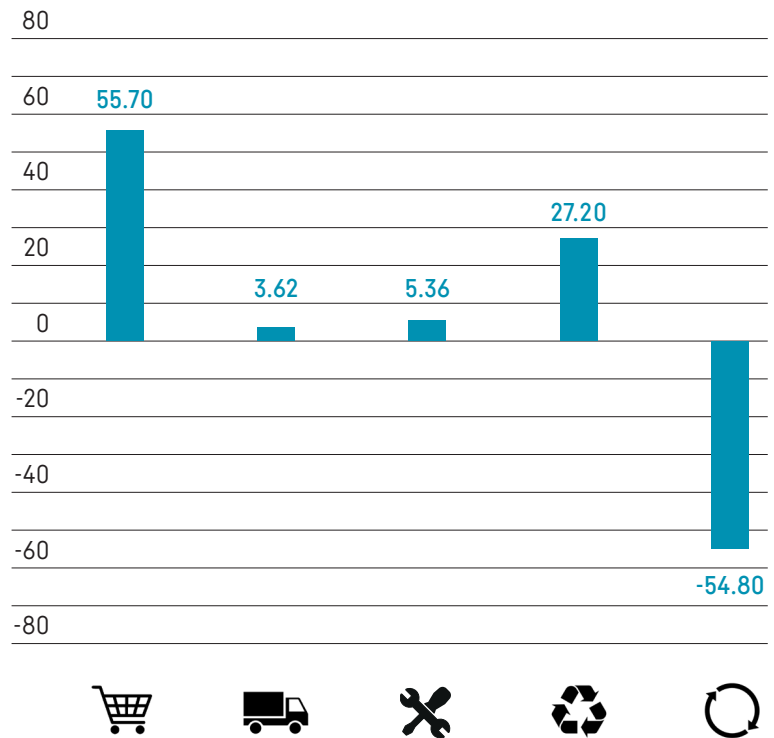
Disclaimer: The material list given may not include all the materials used in this product (e.g. adhesives, coatings, residues etc.).

Material cycle



Global warming potential within the product life cycle

GWP [kg CO₂-eq.]



Procurement and transport

It is always in Sedus' interest to purchase resources and production means from nearby partners whenever this is economically viable. Communication is easier, there are no customs duties or currency risks and shorter shipping routes are less harmful for the environment. That's why, our most important supplier country is Germany followed by other European states. The percentage of deliveries from non-European countries was less than 3 % in 2018. The proximity of the suppliers results in short shipping routes.

Production

Sedus is characterised by its impressive vertical range of manufacture. Key, environmentally relevant processes thus take place in our production facilities which are subject to regular certification.

Waste management and recycling

Sedus works exclusively with certified specialist disposal firms which it audits at regular intervals. It has worked closely with a complete disposer since 2013. We recycle paper, cardboard, plastic, glass, wood and metal at all sites. To avoid waste, the rejection rate during the production process is monitored and continually improved.

Creator of the life cycle assessment

thinkstep AG, Hauptstraße 111-113, 70771 Leinfelden-Echterdingen, Germany

Life cycle



ENVIRONMENTAL IMPACTS	Unit	A1-A3	C3	C4	D
GWP Global warming potential	[kg CO ₂ -eq.]	6.47E+01	2.72E+01	0.00E+00	-5.48E+01
ODP Ozone depletion potential	[kg CFC-11-eq.]	1.32E-09	6.48E-12	0.00E+00	1.55E-11
AP Acidification potential	[kg SO ₂ -eq.]	3.19E-01	3.81E-03	0.00E+00	-1.24E-01
EP Eutrophication potential	[kg PO ₄ ³⁻ -eq.]	3.59E-02	6.30E-04	0.00E+00	-1.10E-02
POCP Photochemical ozone creation potential	[kg ethene-eq.]	3.83E-02	2.67E-04	0.00E+00	-1.53E-02
ADPE Abiotic depletion potential for non fossil resources	[kg Sb-eq.]	2.99E-03	4.91E-07	0.00E+00	3.22E-06
ADPF Abiotic depletion potential for fossil resources	[MJ]	9.57E+02	6.09E+00	0.00E+00	-4.94E+02

RESOURCE USE	Unit	A1-A3	C3	C4	D
PERE Use of renewable primary energy excluding renewable primary energy resources used as raw materials	[MJ]	3.75E+02	2.93E+02	0.00E+00	4.83E+00
PERM Use of renewable primary energy resources used as raw materials	[MJ]	2.92E+02	-2.92E+02	0.00E+00	0.00E+00
PERT Total use of renewable primary energy resources	[MJ]	6.66E+02	1.09E+00	0.00E+00	4.83E+00
PENRE Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials	[MJ]	1.00E+03	9.13E+00	0.00E+00	-5.02E+02
PENRM Use of non renewable primary energy resources used as raw materials	[MJ]	1.94E+00	-1.94E+00	0.00E+00	0.00E+00
PENRT Total use of non renewable primary energy resources	[MJ]	1.00E+03	7.19E+00	0.00E+00	-5.02E+02
SM Use of secondary material	[kg]	5.71E+00	0.00E+00	0.00E+00	0.00E+00
RSF Use of renewable secondary fuels	[MJ]	3.70E-08	2.89E-22	0.00E+00	-1.71E-20
NRSF Use of non renewable secondary fuels	[MJ]	4.68E-07	3.39E-21	0.00E+00	-2.01E-19
FW Use of net fresh water	[m ³]	2.84E-01	7.04E-02	0.00E+00	-1.75E-02

OUTPUT FLOWS AND WASTE CATEGORIES	Unit	A1-A3	C3	C4	D
HWD Hazardous waste disposed	[kg]	6.97E-06	1.13E-08	0.00E+00	-3.05E-07
NHWD Non hazardous waste disposed	[kg]	2.67E+00	5.24E-01	0.00E+00	-7.93E-01
RWD Radioactive waste disposed	[kg]	1.77E-02	4.38E-04	0.00E+00	-3.14E-03
CRU Components for re-use	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR Materials for recycling	[kg]	0.00E+00	2.40E+01	0.00E+00	0.00E+00
MER Materials for energy recovery	[kg]	0.00E+00	1.66E+01	0.00E+00	0.00E+00
EEE Exported electrical energy	[MJ]	0.00E+00	3.35E+01	0.00E+00	0.00E+00
EET Exported thermal energy	[MJ]	0.00E+00	7.75E+01	0.00E+00	0.00E+00

LEED® V4.1 Contributions*

BD+C BUILDING DESIGN AND CONSTRUCTION

Credit		Contribution
MR Credit Building Product Disclosure and Optimization – Environmental Product Declarations	Option 1 Environmental Product Declaration [1 point]	An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.
MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials	Responsible Sourcing of Raw Materials [1–2 points]	The percentage of the recycled material is indicated on the corresponding EPI on page 1. Wood used for the product is certified by the Programme for the Endorsement of Forest Certification (PEFC).
MR Credit Furniture and Medical Furnishings	Option 1 Minimal Chemical Content Option 3 Multi-Attribute Assessment of Products [1–2 points]	Option 1 The product contains no or less than 100 ppm of urea formaldehyde, hexavalent chromium, heavy metals, PFCs or PFOA, or added antimicrobial treatments. Option 3 An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.
MR Prerequisite Construction and Demolition Waste Management Planning	Develop and implement a construction and demolition waste management plan.	Almost entirely recyclable or reusable transport packaging is used. Disused products are taken back by agreement. The products can be efficiently recycled thanks to easily dismantled components with material identification.
EQ Credit Low-Emitting Materials	Furniture [1–3 points]	A greenguard certificate is available for this product.

ID+C INTERIOR DESIGN AND CONSTRUCTION

Credit		Contribution
MR Credit Interiors Life-Cycle Impact Reduction	Option 2 Furniture Reuse [1 point]	Sedus products are designed for a long lifetime. They can be reused for several years after a removal or change of space.
MR Credit Building Product Disclosure and Optimization – Environmental Product Declarations	Option 1 Environmental Product Declaration [1 point]	An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.
MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials	Responsible Sourcing of Raw Materials [1–2 points]	The percentage of the recycled material is indicated on the corresponding EPI on page 1. Wood used for the product is certified by the Programme for the Endorsement of Forest Certification (PEFC).
MR Prerequisite Construction and Demolition Waste Management Planning	Develop and implement a construction and demolition waste management plan.	Almost entirely recyclable or reusable transport packaging is used. Disused products are taken back by agreement. The products can be efficiently recycled thanks to easily dismantled components with material identification.
EQ Credit Low-Emitting Materials	Furniture [1–3 points]	A greenguard certificate is available for this product.
EQ Credit Quality Views	Give building occupants a connection to the natural outdoor environment by providing quality views [1 point]	The meaningful dimensioning of Sedus products can help to ensure quality views with the help of appropriate spatial planning.

O+M BUILDING OPERATIONS AND MAINTENANCE

Credit		Contribution
MR Credit Purchasing	Option 2 Building Materials [1–2 points]	An internally critically reviewed LCA in accordance with DIN EN 15804 is available for the product.

*Potentially possible contribution assessed on the basis of the relevant LEED® V4.1 rating systems.
The contribution may vary depending on the actual rating criteria used and the individual product configuration.

Source: www.usgbc.org

In recognition for manufacturing
back-friendly products, this certificate
is awarded to



Sedus Stoll AG

Christof-Stoll-Str. 1 | 79804 Dogern

on 20th November 2020

the **seal of approval**
of **Aktion Gesunder Rücken e. V.**
(Campaign for Healthier Backs)


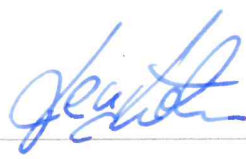
category: concept for agile working

Certified and recommended by the
Bundesverband deutscher Rückenschulen e. V.
(Federal Association of German Back Schools)
and the Forum Gesunder Rücken - besser leben e. V.
(German Forum Healthy Back - Better Living).

Sedus concept se:lab

Consisting of:

Turnaround high chair|Turnaround|se:fit|se:lab hooper|se:lab
high desk|se:lab high desk agil|se:lab bench|se:lab fold|
se:lab tableboard|se:lab board|se:lab rack|se:lab sofa



Board of Directors AGR e. V.



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(Campaign for Healthier Backs)

category: office desk

Certified and recommended by the
Bundesverband deutscher Rückenschulen e. V.
(Federal Association of German Back Schools)
and the Forum Gesunder Rücken - besser leben e. V.
(German Forum Healthy Back - Better Living).

temptation speed
temptation smart twin speed
se:lab e-desk
se:lab e-desk A
se:lab twin

Board of Directors AGR e. V.

