

Product Verification

Sustainability

Self declared according to LEED Building Design and Construction V4 (2015)

Product Systems

HIMACS

LX Hausys Europe GmbH

Please consider the SCS certificates.

HIMACS is a delicate composition of acrylic, minerals and natural pigments that combine to create a smooth, non porous, thermoformable and visually seamless surface. The material meets the highest standards for quality in all respects: material performance, fabrication, functionality and hygiene. Thanks to these qualities and the outstanding flexibility in fabrication and design, HIMACS offers countless advantages over conventional materials.

The recycled content for the HIMACS Standard is 0%. The recycled content for the HIMACS Eden Plus Collection is at least 6% - 10% pre-consumer.

1.5







Product Assessment

Materials and Resources

Criteria	Product Verification
MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessment	EPD available: Yes
MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration	100 % weighted value
MR Credit BPDO - Environmental Product Declaration - Option 2: Multi- Attribute Optimization	o % weighted value
MR Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting	100 % weighted value
MR Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices	o % weighted value
MR Credit BPDO - Material Ingredients - Option 1: Material Ingredient Reporting	o % weighted value
MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization	100 % weighted value
MR Credit BPDO - Material Ingredients - Option 3: Product Manufacturer Supply Chain Optimization	100 % weighted value
Location Valuation Factor	No

Indoor Environmental Quality

Criteria Product Verification

	EQ Credit Low-Emitting Materials (except Healthcare and Schools)	Yes
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Summary

The product contributes to the certification:

- The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment under LEED MR Building Life-Cycle Impact Redcutions Option 4: Whole-Building Life-Cycle Assessment: EPD available: Yes
- Weighted Product Value on Credit BPDO Environmental Product Declaration Option 1: Environmental Product Declaration:
 100 % weighted value



- Weighted Product Value on Credit BPDO Environmental Product Declaration Option 2: Multi-Attribute Optimization: o % weighted value
- Weighted Product Value on Credit BPDO Sourcing of Raw Materials Option 1: Raw Material Source and Extraction Reporting: 100 % weighted value
- Weighted Product Value on Credit BPDO Sourcing of Raw Materials Option 2: Leadership Extraction Practices: o % weighted value
- Weighted Product Value on Credit BPDO Material Ingredients Option 1: Material Ingredient Reporting: o % weighted value
- Weighted Product Value on Credit BPDO Material Ingredients Option 2: Material Ingredient Optimization: 100 % weighted value
- Weighted Product Value on Credit BPDO Material Ingredients Option 3: Supply Chain Optimization: 100 % weighted value
- Information for Location Valuation Factor is available: No
- The entire product contributes toward satisfying EQ Credit: Low-Emitting Materials: Yes



Ecolabels & Product-Assessments

EPD NSF International

GREENGUARD Certified

GREENGUARD Gold

M1 emission classification









SCS Recycled Content Certified



Product Properties

Ingredients:

Recycled content post-consumer: o wt% o wt% Recycled content pre-consumer: Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, Yes MCCP, LCCP): Free (< 0,1 %) of polybrominated diphenyl ethers (= Yes PBDE): Free (< 0,1 %) of polybrominated biphenyls (= PBB): Yes SVHC according REACH < 0,1 %: Yes Free (< 0,1 %) of tin: Yes Free (< 0,1 %) of lead: Yes

Manufacturer:

Environmental Management System according ISO 14001: Yes

Are reverse logistics in place for the product? No

Emissions:

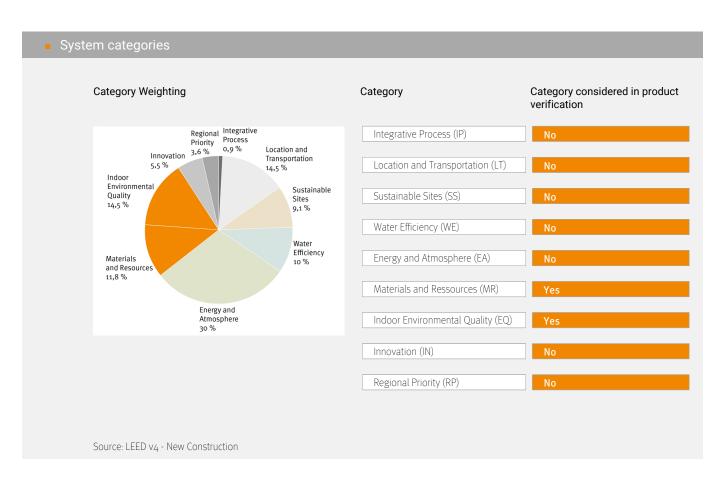
Formaldehyde emissions after 28 days according DIN EN 0.012 mg/m³ 717-1:



System description

This verification is the evaluation and ranking of products in terms of the certification system LEED version 4 (Building Design and Construction). The USGBC (U.S. Green Building Council) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the LEED criteria. Notice: This verification is generated by the Assessment Service of BMS. The distribution or publication by third parties is not permitted. The data sheet is not a LEED certification document. The information is based on the manufacturer's specifications. Despite a diligent treatment of all information BMS can not make any warranties about the completeness, reliability and accuracy of this information. The requirements of LEED can be interpreted differently and depend on the project and scope of application. Therefore, BMS cannot accept any liability for the evaluation in terms of the LEED criteria. The user of the data sheet, the user / purchaser of the product and the consultant / planner, who is advising on this product has the duty to check the product for the intended application at their own responsibility. When a new version of this product verification is produced, the previous version loses its validity.

Source: www.usgbc.org





Detailed Verification

Self declared according to LEED Building Design and Construction V4 (2015)

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MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessmen

The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment under LEED MR Building Life-Cycle Impact Redcutions - Option 4: Whole-Building Life-Cycle

ASSESSITIETIL.	
HIMACS	EPD available: Yes
An environmental product declaration exists for the product:	
HIMACS	Yes
EPD Owner of the Declaration:	
HIMACS	NSF International
EPD Publisher:	
HIMACS	NSF International
EPD Programme holder:	
HIMACS	LX Hausys America, Inc
EPD Declaration number:	
HIMACS	EPD10096
EPD Issue date:	
HIMACS	June 2, 2022
EPD valid to:	
HIMACS	June 1, 2027

MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration

Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration:

HIMACS	100 % weighted value
HIMACS	100 70 Weighted value

An environmental product declaration exists for the product:

HIMACS	Yes	



EPD Type:

HIMACS	Product-specific EPD (Type III) conform to ISO	
	14025, 14040, 14044, and EN 15804 or ISO 21930	

MR Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization

Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 2: Multi-Attribute Optimization:

HIMACS 0 % weighted value

An environmental product declaration exists for the product:

HIMACS Yes

Third party certified products that demonstrate impact reduction below industry average in at least three of the LCA-Categories GWP, ODP, AP, EP, POCP and ADPF:

HIMACS No

MR Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting

Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 1: Raw Material Source and Extraction Reporting:

HIMACS 100 % weighted value

There is a corporate sustainability reports (CSR) report from the manufacturer:

HIMACS Yes

CSR-Report according:

HIMACS

Global Reporting Initiative (GRI) Sustainability
Report - Third-party verified

■ MR Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices

Weighted Product Value on Credit BPDO - Sourcing of Raw Materials - Option 2: Leadership Extraction Practices:

HIMACS 0 % weighted value

Extended producer responsibility

Content of materials for a closed-loop recycling or take-back programm in the entire product:

HIMACS 0 %

Bio-based materials

Content of SAN-certified bio-based materials in the entire product:

HIMACS 0 %

Wood products



Content of FSC-certified wood-based materials in the entire product:

HIMACS 0 %

Materials reuse

Content of salvaged, refurbished, or reused products or materials in the entire product:

HIMACS 0 %

Recycled content

Creditable recycled content according to LEED for the entire product:

HIMACS 0 %

Postconsumer recycled content for the entire product:

HIMACS 0 %

Do you want to enter the recycled content for the entire product? Otherwise it will be automatically calculated from the components. If you do not have components for your product, we recommend that you enter the recycling percentage for the entire product here:

HIMACS Yes

Postconsumer recycled content of product (creditable):

HIMACS 0 %

Recycled content post-consumer:

HIMACS 0 wt%

Postconsumer recycled content for steel according to LEED:

HIMACS 0 %

The product is made of steel:

HIMACS No

Recycled content pre-consumer:

HIMACS 0 wt%

Preconsumer recycled content for the entire product:

HIMACS 0 %

MR Credit BPDO - Material Ingredients - Option 1: Material Ingredient Reporting

Weighted Product Value on Credit BPDO - Material Ingredients - Option 1: Material Ingredient Reporting:

HIMACS 0 % weighted value

A manufacturer inventory with all ingredients (to at least 0.1 %) identified by CASRN exists for the product:

HIMACS No



A Health Product Declaration (HPD) exists for the pro-	oduct:
HIMACS	No
Certified according Declare - all ingredients have bee	en evaluated and disclosed down to 0,1 % = 1000 ppm:
HIMACS	No
Timires	THO .
Certified according Product Lens:	
HIMACS	No
Certified according Cradle to Facts - NSF/ANSI 336:	Sustainability Assessment for Commercial Furnishings Fabric:
HIMACS	No
Assessed according ANSI/BIFMA e3 Furniture Susta 7.5.1.3 Advanced Level in e3-2014 or 3 points under HIMACS	ainability standard - Product earned at least 3 points under 7.4.1.3 Advanced Level in e3-2012:
Certified with Cradle to Cradle:	
HIMACS	No
Cradle to Cradle Standard Version:	
HIMACS	no entry
Cradle to Cradle Level:	
HIMACS	no entry
Certified with Cradle to Cradle Material Health:	
HIMACS	No
Cradle to Cradle Material Health Level:	
HIMACS	no entry
5 0 II 1 0 II M 1 1 III III 1 1 1 2000	
For Cradle to Cradle Material Health are at least 90%	6 of materials assessed by weight:
HIMACS	INU
Credit BPDO - Material Ingredients - Option 2: Ma	aterial Ingredient Optimization
-	ngredients - Option 2: Material Ingredient Optimization:
HIMACS	100 % weighted value
The Product have fully inventoried chemical ingredie GreenScreen v1.2 Benchmark. The product is assess	ents to 100 ppm and no Benchmark 1 hazard according to sed with "GreenScreen List Translator":
HIMACS	No



The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen Assessment":

orechocreen v1.2 benchmark. The product is assessed with ore	chooleen 7.00cooment .
HIMACS	No
Certified with Cradle to Cradle:	
	No
HIMACS	No
Cradle to Cradle Standard Version:	
HIMACS	no entry
Cradle to Cradle Level:	
HIMACS	no entry
Credit BPDO - Material Ingredients - Option 3: Product Manเ	ufacturer Supply Chain Optimization
Weighted Product Value on Credit BPDO - Material Ingredients - C	Option 3: Supply Chain Optimization:
HIMACS	100 % weighted value
	-
Environmental Management System according ISO 14001:	
HIMACS	Yes
Manufacturer is certified according OHSAS 18000 - Health and S	afety Management System:
HIMACS	Yes
ation Valuation Factor	
Information for Location Valuation Factor is available:	
HIMACS	No
Place of raw material extraction (e.g D-70563 Stuttgart):	
HIMACS	weltweit/worldwide
Place of manufacture (e.g. D-70563 Stuttgart):	
HIMACS	Korea, USA
Place of purchase incl. distribution (e.g. D-70563 Stuttgart):	
HIMACS	No Information
The distance between place of raw material extraction and manu	facture is less than 100 miles/160 km:
HIMACS	No



Indoor Environmental Quality

EO Credit	Low-Emitting Materials	s (except Healthcar	e and Schools)

The entire product contributes toward satisfying EQ Credit: Low-	•
HIMACS	Yes
The product contributes toward satisfying EQ Credit 4: Low-Emit	ting Materials:
HIMACS	Yes
Ceilings, walls, thermal, and acoustic insulation	
The entire product contributes toward satisfying EQ Credit 4: Low thermal, and acoustic insulation:	w Emitting Materials, Category Ceilings, walls,
HIMACS	Yes
The product contributes toward satisfying EQ Credit 4: Low Emit and acoustic insulation:	ting Materials, Category Ceilings, walls, thermal,
HIMACS	Yes
The product is a ceiling, wall, acoustic or thermal insulation mate	erial:
HIMACS	Yes
TVOC after 14 days:	
HIMACS	≤ 0.001 mg/m³
Formaldehyde emissions according DIN EN 717-1:	
HIMACS	≤ 0.012 mg/m³
Emission testing method according CDPH Standard Method v1.1	I-2010:
HIMACS	Yes
Emission testing method according AgBB Testing and Evaluation	n Scheme (2010):
HIMACS	Yes
Emission testing method according ISO 16000-3: 2010, ISO 1600 either in conjunction with AgBB, or with French legislation on VO	
HIMACS	Yes
Emission testing method according DIBt testing method (2010):	
HIMACS	Yes



Contact Details Manufacturer

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