
LEED DECLARATION

April 2020

Bauwerk Products

General explanation

Bauwerk products (parquet, building site sealings, parquet glue) support companies by earning credit points for LEED certification (U.S. Green Building Council's Leadership in Energy and Environmental Design). With the products below, Bauwerk can thus contribute to the collection of points/credit points for the building. The LEED Green Building Rating System is a voluntary, criteria-based standard that recognizes buildings that provide a «healthy» environment, are water and energy efficient and meet very high environmental standards.

Bauwerk Product Categories *(not for use in all the listed LEED categories)*

- › 2-layer parquet assortment
- › 3-layer parquet assortment
- › Solid wood parquet assortment
- › Parquet glue
- › Building-site sealing

Bauwerk Certifications

- › Criteria according to the AgBB scheme (building authority approval; Ü-symbol of the DIBt)
- › Criteria according to the Sentinel-Haus Institute standard (criteria according to the AgBB scheme and Eco-Institut-Label)
- › Eco-Institut-Label (ID-036-11251-001)
- › Cradle to Cradle Certified™ gold and bronze
- › FSC®-COC-Certification (Bauwerk Boen Group)
- › ISO 14001 Certification (Bauwerk-Boen Switzerland)

LEED Standard

- › USGBC LEED v4

LEED Rating Systems

- › ID+C
- › BD+C
- › O+M
- › HOME

legend/notes:

- * = Scorepoints refers to the maximum number of points achievable in the whole building (Sum of all materials used) on this subject
- # = Exclusion of one or more contribution(s)
- Option = Possibility of fulfillment listed in the standard and thus possibility of gaining points

BAUWERK®
Parquet

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Product Key


Abbreviation	Product / Product Groups
2-layer parquet	
MP	Monopark
SP	Solopark
UP / UPV	Unopark incl. Vintage Edition
MK 10	Multipark 10
MK 9.5	Multipark 9.5
MS	Multipark Silente
CP OL	Property Long Plank
CP	Cleverpark
CS	Cleverpark Silente
MG OL	Property Long Plank
TK / TKV / TKF	Trendpark incl. Vintage Edition and Flow Edition
SK	Studiopark
ME	Master Edition (Studiopark format and Silverline format)
VK	Villapark
FP	Formpark
FM	Formpark Mini
FPQ	Formpark Quadrato
FPR	Formpark Rombico
SL	Silverline
3-layer parquet	
TP	Triopark
CK	Casapark
CKC	Casapark Cut
solid wood parquet	
PP / PPK	Prepark / Prepark Comfort
KP	Solid parquet
HK	On-edge
parquet glue	
F5	Bauwerk F5
MS35 / MS30	Bauwerk MS35 / Bauwerk MS30
MS40	Bauwerk MS40
building-site sealing (primer & top coat)	
B-PC	Bona Classic
B-PN	Bona Prime Natural
B-MOsm	Bona Mega One satin matt
B-MOem	Bona Mega One extra matt
B-THDsm	Bona Traffic HD incl. hardener satin matt
B-THDem	Bona Traffic HD incl. hardener extra matt
B-TN	Bona Traffic Natural incl. hardener
B-Nsm	Bona Novia satin matt
BW-APE	Bauwerk Aqua Prime Eco
BW-AEm	Bauwerk Aqua Eco matt
BW-AEsm	Bauwerk Aqua Eco satin matt

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Programme	Category	Topic	Credit Category	possible score points*	Bauwerk Products (Abbrev. see Product Key)	Contribution
LEED ID & C ID&C	Indoor Environmental Quality <i>(Innenraumgeeignete Umweltqualität)</i> 	Low-emitting materials <i>(emissionsarme Materialien)</i>	EQc2	max. 3*	2-layer parquet MP; SP; UP; UPV; MK10; MK9.5; MS; CP OL; CP; CS; MG OL; TKF; TK; FPQ; FPR; TK; TKV; SK; ME; VK; FP; FM; SL 3-layer parquet TP##; CK##; CKC## solid wood parquet PP; PPK; KP; HK parquet glue F5; MS35/MS30; MS40 building site sealing* B-C; B-PN; B-MOsm; B-MOem; B-THDsm; B-THem; B-TN; B-Nsm; BW-APE; BW-Aem; BW-Aesm	a.) tested according to ISO 16000 at the Eco-Institute (Cologne, GER) b.) AgBB Scheme fulfilled c.) annual conformity check and every 2 years recertification (tests) in the framework of the Eco-Institut-Label. d.) formaldehyde content $\leq 10 \mu\text{g}/\text{m}^3$. e.) Sentinel-Haus-Institut Recommendation (according Eco-Institut-Label criteria) fulfilled. <i>Smoked oak in combination with natural oiled surface</i> g.) Eco-Institut-Label (Bauwerk 2-layer parquet & PP/PPK) <i>excl. Smoked oak in combination with natural oiled surface</i> f.) VOC-content/emission: parquet glue VOC-content according to TGRS 610: 0 g/l for parquet glue: fulfilled contribution a, b, d, e for building-site sealing: fulfilled contribution a, b ##fulfilled contribution a - b, partially e. *building-site sealing according to SCAQMD rule 1113: VOC-limit for Floor Coatings 350 g/l
		Enhanced indoor air quality strategies <i>(Strategien zur Verbesserung der Raumluftqualität)</i>	EQc1	max. 2*	2-layer parquet MP; SP; UP; UPV; MK10; MK9.5; MS; CP OL; CP; CS; MG OL; TKF; TK; FPQ; FPR; TK; TKV; SK; ME; VK; FP; FM; SL 3-layer parquet TP##; CK##; CKC## solid wood parquet PP; PPK; KP; HK parquet glue F5; MS35/MS30; MS40 building site sealing* B-C; B-PN; B-MOsm; B-MOem; B-THDsm; B-THem; B-TN; B-Nsm; BW-APE; BW-Aem; BW-Aesm	Option 2A: Control of the source of indoor air pollution a.) tested according to ISO 16000 at the Eco-Institute (Cologne, GER) b.) AgBB Scheme fulfilled c.) annual conformity check and every 2 years recertification (tests) in the framework of the Eco-Institut-Label. d.) formaldehyde content $\leq 10 \mu\text{g}/\text{m}^3$. e.) Sentinel-Haus-Institut Recommendation (according Eco-Institut-Label criteria) fulfilled. <i>Smoked oak in combination with natural oiled surface</i> g.) Eco-Institut-Label (Bauwerk 2-layer parquet & PP/PPK) <i>excl. Smoked oak in combination with natural oiled surface</i> f.) VOC-content/emission: parquet glue VOC-content according to TGRS 610: 0 g/l for parquet glue: fulfilled contribution a, b, d, e for building-site sealing: fulfilled contribution a, b ##fulfilled contribution a - b, partially e. *building-site sealing according to SCAQMD rule 1113: VOC-limit for Floor Coatings 350 g/l
		Indoor air quality assessment <i>(Bewertung der Raumluftqualität)</i>	EQc4	max. 2*	2-layer parquet MP; SP; UP; UPV; MK10; MK9.5; MS; CP OL; CP; CS; MG OL; TKF; TK; FPQ; FPR; TK; TKV; SK; ME; VK; FP; FM; SL 3-layer parquet TP##; CK##; CKC## solid wood parquet PP; PPK; KP; HK parquet glue F5; MS35/MS30; MS40 building site sealing* B-C; B-PN; B-MOsm; B-MOem; B-THDsm; B-THem; B-TN; B-Nsm; BW-APE; BW-Aem; BW-Aesm	Option 2: Indoor air measurement after construction of the building but before occupation a.) tested according to ISO 16000 at the Eco-Institute (Cologne, GER) b.) AgBB Scheme fulfilled c.) annual conformity check and every 2 years recertification (tests) in the framework of the Eco-Institut-Label. d.) formaldehyde content $\leq 10 \mu\text{g}/\text{m}^3$. e.) Sentinel-Haus-Institut Recommendation (according Eco-Institut-Label criteria) fulfilled. <i>Smoked oak in combination with natural oiled surface</i> g.) Eco-Institut-Label (Bauwerk 2-layer parquet & PP/PPK) <i>excl. Smoked oak in combination with natural oiled surface</i> f.) VOC-content/emission: parquet glue VOC-content according to TGRS 610: 0 g/l for parquet glue: fulfilled contribution a, b, d, e for building-site sealing: fulfilled contribution a, b ##fulfilled contribution a - b, partially e. *building-site sealing according to SCAQMD rule 1113: VOC-limit for Floor Coatings 350 g/l

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Bauwerk Products

Programme	Category	Topic	Credit Category	possible score points*	Bauwerk Products (Abbrev. see Product Key)	Contribution
Materials and resources (Materialien & Rohstoffe) 		Building product disclosure and optimization - sourcing of raw materials (Materialiennachweis, Materialherkunft & Materialtransparenz)	MRC4	max. 2*	CS; MS; FP; SL; TK; CP; MK9.5; SK; VK; FM; OL, FPQ	- all parquet products: The strict healthy living company values prohibit the use of "harmful substances" in the production process - this is shown by the strict Sentinel-Haus-Institut label under which Bauwerk products are certified. - Cradle to Cradle products Gold & Bronze (see price list) due to the Cradle to Cradle certification for this certification, all materials used must be declared or disclosed to the certification company (EPEA).
					FSC* declared products FSC* special order products	- Bauwerk-Boen-Group production facilities are FSC* COC certified (Certificate SGSCH-COC-001535). - FSC* products (declared products according to price list) or for special orders with FSC* 100% or FSC* Mix 70% statement available.
					all parquet products	- all raw materials (top layer lumber and underlay lumber/underlay wood materials) have been procured in accordance with the "European Timber Trade Regulation No. 995/2010, including a Due Dilligance System (DDS)
		Building product disclosure and optimization - material ingredients (Materialbestandteile - Inhaltstoffe)	MRC5	max. 2*	CS; MS; FP; SL; TK; CP; MK9.5; SK; VK; FM; OL, FPQ	Option 1 & 2: Cradle-to-Cradle Products: - Cradle-to-Cradle Certification gold (certification number 4158) - Cradle-to-Cradle Certification bronze (certification number 4157)
					all parquet products	- do not contain substances that are on the REACH SVHC list
		Construction and demolition waste management (Konstruktion, Abfallmanagement)	MRC6	max. 2*	all parquet products	- Bauwerk products (parquet) are delivered with low waste. - Packaging materials (cardboard, PE foil) of finished products from Bauwerk can be clearly separated and fully recycled.
					CS MS	- Bauwerk Silente-Technology = Cradle-to-Cradle Products: - Cradle-to-Cradle Certification gold (certification number 4158) After use, the floor can be removed non-destructively due to the separating layer in the Silente mat and delivered to the factory. The mat remnants and adhesive are collected and recycled on the construction site. With Bauwerk parquet, the parquet is cleaned and the used surface is removed. It is then repainted/oiled and made available for sale again. - This cycle can be repeated, depending on the thickness of the toplayer
		Interiors life-cycle impact reduction (Reduzierung der Auswirkung des Lebenszyklus eines Einrichtungsmaterials)	MRC2	max. 4*	CS MS	- Bauwerk Silente-Technology = Cradle-to-Cradle Products: - Cradle-to-Cradle Certification gold (certification number 4158) After use, the floor can be removed non-destructively due to the separating layer in the Silente mat and delivered to the factory. The mat remnants and adhesive are collected and recycled on the construction site. - With Bauwerk parquet, the parquet is cleaned and the used surface is removed. It is then repainted/oiled and made available for sale again. - This cycle can be repeated, depending on the thickness of the toplayer.
					all parquet products	Option 1 and 3: depending on the thickness of the top layer, the installed parquet floor can be sanded and resealed/oiled several times

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LEED BD & C BD&C	Indoor Environmental Quality (Innenraumgeeignete Umweltqualität)	Low-emitting materials (emissionsarme Materialien)	EQc2	max. 3*	2-layer parquet MP; SP; UP; UPV; MK10; MK9.5, MS CP OL; CP; CS; MG OL; FPQ; FPR; TK; TKV; SK; ME; VK; FP; FM; SL 3-layer parquet TP [#] ; CK [#] ; CKC [#] solid wood parquet PP; PPK; KP; HK parquet glue F5; MS35/MS30; MS40 building site sealing* B-C; B-PN; B-MOsm; B-MOem; B-THDsm; B-THem; B-TN; B-Nsm; BW-APE; BW-Aem; BW-Aesm	a.) tested according to ISO 16000 at the Eco-Institute (Cologne, GER) b.) AgBB Scheme fulfilled c.) annual conformity check and every 2 years recertification (tests) in the framework of the Eco-Institut label. d.) formaldehyde content ≤ 10 µg/m ³ . e.) Sentinel-Haus-Institut Recommendation (according Eco-Institut-Label criteria) fulfilled. <i>excl. smoked oak in combination with natural oiled surface</i> g.) Eco-Institut-Label (Bauwerk 2-layer parquet & PP/PPK) <i>excl. Smoked oak in combination with natural oiled surface</i> f.) VOC-content/emission: parquet glue VOC-content according to TGRS 610: 0 g/l for parquet glue: fulfilled contribution a, b, d, e for building-site sealing: fulfilled contribution a, b [#] fulfilled contribution a - b, partially e. *building site sealing according to SCAQMD rule 1113: VOC-limit for Floor Coatings 350 g/l
		Enhanced indoor air quality strategies (Strategien zur Verbesserung der Raumluftqualität)	EQc1	max. 2*	2-layer parquet MP; SP; UP; UPV; MK10; MK9.5, MS CP OL; CP; CS; MG OL; FPQ; FPR; TK; TKV; SK; ME; VK; FP; FM; SL 3-layer parquet TP [#] ; CK [#] ; CKC [#] solid wood parquet PP; PPK; KP; HK parquet glue F5; MS35/MS30; MS40 building site sealing* B-C; B-PN; B-MOsm; B-MOem; B-THDsm; B-THem; B-TN; B-Nsm; BW-APE; BW-Aem; BW-Aesm	Option 2A: Control of the source of indoor air pollution .) tested according to ISO 16000 at the Eco-Institute (Cologne, GER) b.) AgBB Scheme fulfilled c.) annual conformity check and every 2 years recertification (tests) in the framework of the Eco-Institut label. d.) formaldehyde content ≤ 10 µg/m ³ . e.) Sentinel-Haus-Institut Recommendation (according Eco-Institut-Label criteria) fulfilled. <i>excl. smoked oak in combination with natural oiled surface</i> g.) Eco-Institut-Label (Bauwerk 2-layer parquet & PP/PPK) <i>excl. Smoked oak in combination with natural oiled surface</i> f.) VOC-content/emission: parquet glue VOC-content according to TGRS 610: 0 g/l for parquet glue: fulfilled contribution a, b, d, e for building-site sealing: fulfilled contribution a, b [#] fulfilled contribution a - b, partially e. *building site sealing according to SCAQMD rule 1113: VOC-limit for Floor Coatings 350 g/l



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Programme	Category	Topic	Credit Category	possible score points*	Bauwerk Products (Abbrev. see Product Key)	Contribution
		Indoor air quality assessment (Bewertung der Raumluftqualität)	EQc4	max. 2*	2-layer parquet MP; SP; UP; UPV; MK10; MK9.5, MS; CP OL; CP; CS; MG OL; TKF; FPQ; FPR; TK; TKV; SK; ME; VK; FP; FM; SL 3-layer parquet TP [#] ; CK [#] ; CKC [#] solid parquet PP; PPK; KP; HK parquet glue F5; MS35/MS30; MS40 building site sealing B-C; B-PN; B-MOsm; B-MOem; B-THDsm; B-THem; B-TN; B-Nsm; BW-APE; BW-Aem; BW-Aesm	Option 2: Indoor air measurement after construction of the building but before occupation a.) tested according to ISO 16000 at the Eco-Institute (Cologne, GER) b.) AgBB Scheme fulfilled c.) annual conformity check and every 2 years recertification (tests) in the framework of the Eco-Institut label. d.) formaldehyde content ≤ 10 µg/m ³ . e.) Sentinel-Haus-Institut Recommendation (according Eco-Institut-Label criteria) fulfilled. <i>excl. smoked oak in combination with natural oiled surface</i> g.) Eco-Institut-Label (Bauwerk 2-layer parquet & PP/PPK) <i>excl. Smoked oak in combination with natural oiled surface</i> f.) VOC-content/emission: parquet glue VOC-content according to TGRS 610: 0 g/l for parquet glue: fulfilled contribution a, b, d, e for building-site sealing: fulfilled contribution a, b [#] fulfilled contribution a - b, partially e. *building site sealing according to SCAQMD rule 1113: VOC-limit for Floor Coatings 350 g/l

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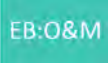

Programme	Category	Topic	Credit Category	possible score points*	Bauwerk Products (Abbrev. see Product Key)	Contribution
	Materials and resources (Materialien & Rohstoffe)	Building product disclosure and optimization - sourcing of raw materials (Materialiennachweis, Materialherkunft & Materialtransparenz)	MRC3	max. 2*	CS; MS; FP; SL; TK; CP; MK9.5; SK; VK; FM; OL; FPQ	- Bauwerk Silente-Technology = Cradle-to-Cradle Silente-Products: - Cradle-to-Cradle Certification gold (certificate number 4158) - Cradle-to-Cradle Certification bronze (certificate number 4157) After use, the floor can be removed non-destructively due to the separating layer in the Silente mat and delivered to the factory.
					FSC® declared products FSC® special order products	- Bauwerk-Boen-Group production facilities are FSC® COC certified (Certificate SGSCH-COC-001535). - FSC® products (declared products according to price list) or for special orders with FSC® 100% or FSC® Mix 70% statement available.
					all parquet products	- all raw materials (top layer lumber and underlay lumber/underlay wood materials) have been procured in accordance with the "European Timber Trade Regulation No. 995/2010, including a Due Dilligence System (DDS)
		Building product disclosure and optimization - material ingredients (Materialbestandteile - Inhaltstoffe)	MRC4	max. 2*	CS; MS; FP; SL; TK; MG; CP; MK9.5; SK; VK; FM; OL; FPQ	Option 1 & 2: - Bauwerk Silente-Technology = Cradle-to-Cradle Silente-Products: - Cradle-to-Cradle Certification gold (certificate number 4158) - Cradle-to-Cradle Certification bronze (certificate number 4157)
					all parquet products	- do not contain substances that are on the REACH SVHC list
		Construction and demolition waste management (Konstruktion, Abfallmanagement)	MRC5	max. 2*	all parquet products	- Bauwerk products (parquet) are delivered with low waste. - Packaging materials (cardboard, PE foil) of finished products from Bauwerk can be clearly separated and fully recycled.
					CS MS	Bauwerk Silente-Technology = Cradle-to-Cradle Products: - Cradle-to-Cradle Certification gold (certificate number 4158) After use, the floor can be removed non-destructively due to the separating layer in the Silente mat and delivered to the factory. The mat remnants and adhesive are collected and recycled on the construction site. In case of construction, the parquet is cleaned and the used surface is removed. It is then repainted/oiled and made available for sale again. - This cycle can be repeated, depending on the thickness of the toplayer.
		Building life-cycle impact reduction (Reduzierung der Auswirkung des Lebenszyklus eines Gebäudes)	MRC1	max. 5*	CS MS	Option 3: - Cradle-to-Cradle Products = Bauwerk Silente-Technology: - Cradle-to-Cradle Certification gold (certificate number 4158) After use, the floor can be removed non-destructively due to the separating layer in the Silente mat and delivered to the factory. The mat remnants and adhesive are collected and recycled on the construction site. With Bauwerk parquet, the parquet is cleaned and the used surface is removed. It is then repainted/oiled and made available for sale again. - This cycle can be repeated, depending on the thickness of the toplayer.
					all parquet products	Option 3: depending on the thickness of the top layer, the installed parquet floor can be sanded and resealed/oiled several times

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Parquet

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LEED O+M 	Materials and resources (Materialien & Rohstoffe) 	Purchasing - facility maintenance and renovation (Beschaffung, Gebäudewartung u. Sanierung)	MRC5	max. 2*	CS MS	Option 1: - Bauwerk Silente-Technology = Cradle-to-Cradle Products: - Cradle-to-Cradle Certification gold (certificate number 4158) After use, the floor can be removed non-destructively due to the separating layer in the Silente mat and delivered to the factory. The mat remnants and adhesive are collected and recycled on the construction site. With Bauwerk parquet, the parquet is cleaned and the used surface is removed. It is then repainted/oiled and made available for sale again. - This cycle can be repeated, depending on the thickness of the toplayer.
					FSC® declared products FSC® special order products	Option 1: - Bauwerk-Boen-Group production facilities are FSC® COC certified (Certificate SGSCH-COC-001535). - FSC® products (declared products according to price list) or for special orders with FSC® 100% or FSC® Mix 70% statement available.
					all parquet products	- all raw materials (top layer lumber and underlay lumber/underlay wood materials) have been procured in accordance with the "European Timber Trade Regulation No. 995/2010, including a Due Dilligence System (DDS) Option 3: depending on the thickness of the top layer, the installed parquet floor can be sanded and resealed/oiled several times
					2-layer parquet MP; SP; UP; UPV; MK10; MK9.5, MS CP OL; CP; CS; MG OL; MG; TKF; FPQ; FPR; TK; TKV; SK; ME; VK; FP; FM; SL 3-layer parquet TP#; CK#; CKC# solid wood parquet PP; PPK; KP; HK parquet glue F5; MS35/MS30; MS40 building site sealing* B-C; B-PN; B-MOsm; B-MOem; B-THDsm; B-THem; B-TN; B-Nsm; BW-APE; BW-Aem; BW-Aesm	Option 1: a.) tested according to ISO 16000 at the Eco-Institute (Cologne, GER) b.) AgBB Scheme fulfilled c.) annual conformity check and every 2 years recertification (tests) in the framework of the Eco-Institut-Label.. d.) formaldehyde content ≤ 10 µg/m ³ . e.) Sentinel-Haus-Institut Recommendation (according Eco-Institut-Label criteria) fulfilled. <i>excl. smoked oak in combination with natural oiled surface</i> g.) Eco-Institut-Label (Bauwerk 2-layer parquet & PP/PPK) <i>excl. Smoked oak in combination with natural oiled surface</i> f.) VOC-content/emission: parquet glue VOC-content according to TGRS 610: 0 g/l for parquet glue: fulfilled contribution a, b, d, e for building-site sealing: fulfilled contribution a, b ** fulfilled contribution a - b, partially e. *building site sealing according to SCAQMD rule 1113: VOC-limit for Floor Coatings 350 g/l

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