

CERTIFICATE



Simply Excellent.

On the basis of the contract on the use of the environmental label no. 33477 based on DE-UZ 120 Edition 2011

Amorim Revestimentos, S.A. 4536-907 S. Paio de Oleiros, Portugal

is granted the right to use the Blue Angel Ecolabel shown below for the product

Cork flooring Floating Subertech with UV Varnish or Non-PVC film, total thickness 7,0 mm

as a sign of special
environmental friendliness



Bonn, 20 March 2019

A handwritten signature in black ink, appearing to read 'R. Wollmann'.

Managing Director
RAL gGmbH



Bundesministerium
für Umwelt, Naturschutz,
Bau und Reaktorsicherheit



CERTIFICATE OF COMPLIANCE



**Amorim Cork Flooring,
S.A.**

**Cork Flooring Floating Subertech -
WISE**

135968-420

Certificate Number

15 Feb 2019 - 28 Sep 2023

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Flooring products are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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 Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
Particle Matter less than 10 µm ^(C)	-	20	µg/m ³
1-Methyl-2-pyrrolidinone ^(D)	872-50-4	160	µg/m ³
Individual VOCs ^(E)	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m³) fall in the range of 0.5 mg/m³ or less, as specified in CDPH Standard Method v1.2.
- (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) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th 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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AMORIM WISE

CORK
inspire 700 HRT
pure

WOOD
inspire 700 HRT
inspire 700 SRT
pro

STONE
pure HRT

BREEAM

Category	Description	Credits	Contribution of Amorim Cork Flooring Products	Available Points
Health and Wellbeing	Its objective is to increase the comfort, health and safety of the building users; that is, an increase in the life quality of the building, recognizing those who encourage a healthy and secure indoor and outdoor environment.	Indoor Air Quality	Since the products have reduced volatile organic compounds (VOCs) emissions and other pollutants, proven by GREENGUARD certification	1-5
Materials	Its objective is to reduce the impact of the construction materials throughout the project development, construction, maintenance and repair. It focuses on obtaining materials of responsible origin that have a low impact throughout their entire life cycle.	Life Cycle Impacts	Since the products have Environmental Product Declaration (EPD), they contribute to the direct obtainment of points. To get one point it is necessary to use at least 5 different products with EPD.	1-2*
		Designing for Durability and Resilience	Because they are resilient floors, and of high durability they contribute indirectly to obtain 1 point.	1
		Material Efficiency	Because they are resilient floors, of reduced maintenance, they minimize the environmental impact of use and waste of materials, contributing indirectly to obtain 1 point.	1
Total Maximum Credits Possible				8

*except Wood Pro (EPD in progress)



AMORIM CORK FLOORING

23-11-2022

P. Teixeira, R&D DIRECTOR

AMORIM WISE

CORK
inspire 700 HRT
pure

WOOD
inspire 700 HRT
inspire 700 SRT
pro

STONE
pure HRT

LEED

Category	Description	Credits	Contribution of Amorim Cork Flooring Products	Available Points
Materials and Resources	Its objective is to reduce the energy used and other impacts related with the extraction, processing, transport, maintenance and disposal of construction materials.	Building Product Disclosure and Optimization - Environmental Product Declarations	Since the products have Environmental Product Declaration (EPD), they contribute to the direct obtainment of points. To get one point it is necessary to use at least 20 different products with EPD. For 2 points, it is necessary to use 40 products with EPD.	1-2*
Indoor Environmental Quality	Its objective is to provide a good indoor air quality, so as to protect the health and comfort of all the building's users. It allows to improve productivity, it enhances the building value and reduces the owner's responsibilities.	Low-Emitting Materials Indoor Air Quality Assessment	Since the products have reduced volatile organic compounds (VOCs) emissions and other pollutants, proven by GREENGUARD certification, they have a direct contribution to points. Since the products have reduced volatile organic compounds (VOCs) emissions and other pollutants they have an indirect contribution to points.	1-3 1-2
Total Maximum Credits Possible				7

*except Wood Pro (EPD in progress)



AMORIM CORK FLOORING

23-11-2022

Mr. Taxeira, R&D Director

LEED

Categoria	Descrição categorias	Créditos	Contributos dos produtos da Amorim Revestimentos	Pontos Disponíveis
Materials and Resources	Tem como objetivo diminuir a energia utilizada e outros impactos associados à extração, processamento, transporte, manutenção e eliminação de materiais de construção.	Building Product Disclosure and Optimization - Environmental Product Declarations	Por possuírem Declarações Ambientais de Produto (DAP), contribuem para a obtenção direta de pontos. Para obter 1 ponto é necessário utilizar pelo menos 20 produtos diferentes com DAP. Para 2 pontos, são necessários 40 produtos com DAP.	0
Indoor Environmental Quality	Tem como objetivo fornecer uma boa qualidade de ar interior, de forma a proteger a saúde e o conforto de todos os utilizadores do edifício. Desta forma, permite melhorar a produtividade, potencia o valor do edifício e reduz a responsabilidade dos proprietários.	Low-Emitting Materials Indoor Air Quality Assessment	Por terem reduzidas emissões de compostos orgânicos voláteis (COV) e outros poluentes, comprovados pela certificação GREENGUARD, têm uma contribuição para a obtenção direta de pontos. Por terem reduzidas emissões de compostos orgânicos voláteis (COV) e outros poluentes, têm uma contribuição indireta para a obtenção de pontos	1-3 1-2
Total Máximo de Pontos Possíveis				5

BREEM

Categoria	Descrição categoria	Créditos	Contributos dos produtos da Amorim Revestimentos	Pontos Disponíveis
Health and Wellbeing	Tem como objetivo o aumento do conforto, saúde e segurança dos utilizadores do edifício nas instalações, ou seja, um aumento da qualidade de vida do edifício, reconhecendo aqueles que incentivam um ambiente interno e externo saudável e seguro.	Indoor Air Quality	Por terem reduzidas emissões de compostos orgânicos voláteis (COV) e outros poluentes, comprovados pela certificação GREENGUARD, têm uma contribuição para a obtenção direta de pontos.	1 -5
		Life Cycle Impacts	Por possuírem Declarações Ambientais de Produto (DAP), contribuem para a obtenção direta de pontos. Para obter 1 ponto é necessário utilizar pelo menos 5 produtos diferentes com DAP.	0
		Designing for Durability and Resilience	Por se tratarem de pavimentos resilientes, e de elevada durabilidade, contribuem indiretamente para a obtenção de 1 ponto. Because they are resilient products with a reduce maintenance rating, they contribute to minimize the environmental impact, and they contribute indirectly to obtain 1 point.	1
Materials	Tem como objetivo a redução do impacto dos materiais de construção ao longo do desenvolvimento do projeto, obra, manutenção e reparação. Centra-se na obtenção de materiais de origem responsável, que apresentem um baixo impacto ao longo de todo o seu ciclo de vida.	Material Efficiency		1
Total Máximo de Créditos Possíveis				7

CERTIFICATE

for

TÜV PROFICERT-product Interior

The following product/product group particularly fulfills the criteria V1.2 of the TÜV PROFICERT-product Interior certification. This certificate does not acquit the producer of his responsibility to comply with all legal requirements and product properties.




AMORIM

Amorim Cork Flooring, S.A.
Rua do Ribeirinho, 202
4536-907 S. PAIO DE OLEIROS
Portugal

Cork Flooring Floating and Glue Down Subertech with UV curing varnish

Result of the emission testing: TÜV PROFICERT-product Interior fulfilled

✓ AgBB 2018	✓ Belgian VOC regulation	✓ LEED v4 (outside North America)
✓ 	✓ BREEAM General Level	✓ MVV TB ABG Annex B

Certificate registration No. **70 720 5570-7**

Certificate valid from 2020-06-09 to **2023-06-08**

Audit report No. 2117110/2020/3

First certification 2020-06-09



O. Maib

Darmstadt, 2020-12-22
Certification body of TÜV Hessen
- Head of Certification body -

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This certification was conducted in accordance with the TÜV PROFICERT-plus auditing and certification procedures and is subject to regular surveillance audits. Verifiable under www.proficert.com. Original certificate contains a glued on hologram.
TÜV Technische Überwachung Hessen GmbH, Robert-Bosch-Straße 14, D-64293 Darmstadt, Tel. +49 6151/600331 Rev-GS-3711