

# CERTIFICATE OF COMPLIANCE

## Amorim Cork Flooring,

S.A.  
RESIST ECO



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 V.1.2-2017 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.

228006-420

Certificate Number

13 Apr 2021 - 28 Sep 2023

Certificate Period

Certified

Status



*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 <sup>(A)</sup>	-	0.22	mg/m <sup>3</sup>
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m <sup>3</sup>
Total Aldehydes <sup>(B)</sup>	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m <sup>3</sup>
Particle Matter less than 10 µm <sup>(C)</sup>	-	20	µg/m <sup>3</sup>
1-Methyl-2-pyrrolidinone <sup>(D)</sup>	872-50-4	160	µg/m <sup>3</sup>
Individual VOCs <sup>(E)</sup>	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C<sub>6</sub> – C<sub>16</sub> range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m<sup>3</sup>) fall in the range of 0.5 mg/m<sup>3</sup> 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 m<sup>3</sup>/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/SHLB/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).



# WICANDERS

**CORK**  
Go  
Essence

**WOOD**  
Go  
Essence  
Resist  
Resist Eco  
Hydrocork plus  
Infinitus  
Start SPC  
Start LVT

**STONE**  
Essence

## BREEAM

Category	Description	Credits	Contribution of Amorim Revestimentos 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*
		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
<b>Total Maximum Credits Possible</b>				<b>8</b>

\* Except Wood Hydrocork Plus, Wood Infinitus, Wood Essence, Wood Start LVT, Wood Start SPC (0 points)

**BREEAM®**

AMORIM CORK FLOORING

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## LEED

Category	Description	Credits	Contribution of Amorim Revestimentos Products	Available Points
<b>Materials and Resources</b>	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*
<b>Indoor Environmental Quality</b>	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	Since the products have reduced volatile organic compounds (VOCs) emissions and other pollutants, proven by GREENGUARD certification, they have a direct contribution to points.	1-3
		Indoor Air Quality Assessment	Since the products have reduced volatile organic compounds (VOCs) emissions and other pollutants they have an indirect contribution to points.	1-2
<b>Total Maximum Credits Possible</b>				7

\* Except Wood Hydrocork Plus, Wood Infinitus, Wood Essence, Wood Start LVT, Wood Start SPC (0 points)





# CERTIFICATE

for

## TÜV PROFiCERT-product Interior (PREMIUM)

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 with HDF

Result of the emission testing: TÜV PROFiCERT-product Interior PREMIUM fulfilled  
Thus, the results comply with the emission thresholds of

✓ AgBB 2018	✓ Belgian VOC regulation	✓ Finnish M1 classification
✓ 	✓ BREEAM Exemplary Level	✓ LEED v4 (outside North America)
✓ DE-UZ 120 (Blue Angel)	✓ Austrian Ecolabel, Guideline UZ 42	✓ Annex B, MVV TB / ABG

Certificate registration No. **70 720 5570-4**

Certificate valid from 2020-06-21 to **2023-06-20**

Audit report No. 2117110/2020/2

First certification 2017-06-21



*C. Maier*

Darmstadt, 2022-04-05  
Certification body of TÜV HESSEN  
- Head of Certification body -

# ANNEX

This group is characterised by the following features (all data +/- 10%):

Surface coating:	multi-layered on polyurethane basis or acrylate basis or polyurethane-acrylate basis or polyester acrylates, optionally digital printing on acrylate basis non - PVC printed film
Glue:	polyvinyl acetate based
Top layer:	1.0 - 3.2 mm cork or 0.5 mm cork-veneer
Middle layer:	optionally, 2.0 - 2.5 mm press cork
Carrier layer:	HDF 6.0 or 7.0 mm
Backing layer:	0.8 - 1.2 mm press cork
Total thickness:	8.5 - 11.5 mm
Area weight:	6.5 - 10.0 kg/m <sup>2</sup>

and comprises the following articles:

CORK FLOORING FLOATING WITH UV HIGH RESISTANCE VARNISH  
 CORK FLOORING FLOATING WITH DIGITAL PRINTING AND HIGH RESISTANCE VARNISH 10.5 MM  
 CORK FLOORING FLOATING WITH DIGITAL PRINTING AND HIGH RESISTANCE VARNISH 11.5 MM  
 CORK FLOORING FLOATING WITH UV VARNISH  
 MULTILAYER CORK FLOATING WITH DIGITAL PRINTING AND HIGH RESISTANCE VARNISH  
 CORK FLOORING FLOATING WITH ECO DECOR  
 CORK GO  
 CORKNATURA  
 STUDIOSTYLE  
 CORK ESSENCE  
 WOOD ESSENCE  
 DESIGNATURA  
 FREESTYLE  
 WOOD ESSENCE LONG BOARDS  
 WOOD RESIST ECO  
 VERATURA ECO  
 NATURA  
 WOOD START GREEN DESIGN  
 VERANATURA  
 DECOLIFE NATURE  
 FREESTYLE ACCESS

**TÜV PROFICERT-product Interior (PREMIUM)**

Certificate registration No. **70 720 5570-4**

Certificate valid from **2020-06-21** to **2023-06-20**



*C. Malt*

Darmstadt, 2023-04-05  
 Certification body of TÜV Hessen  
 - Head of Certification body -