# PRODUCT PASSPORT SUSTAINABILITY

Product passport number: 288-1-2400207.1

## DISANO ClassicAqua

HARO

Hamberger Flooring
GmbH & Co. KG
Rohrdorfer Str. 133
83071 Stephanskirchen

## Verified sustainability systems


| System | Result | Page |
|---|---|---|
| BREEAM DE New Construction 2018 | Can contribute to 4 points | 2 |
| BNB Version 2015 | Leads to a positive contribution in 7 criteria | 3 |
| DGNB Version 2018 | Leads to a positive contribution in 6 criteria | 5 |
| LEED v4.1 | Can contribute to 2 to 4 points | 7 |
| QNG | Can contribute to QNG premium | 8 |


**The product is described on page 9.**

The product passport has been prepared to the best of our knowledge and belief after examination of the documents mentioned. It refers exclusively to the specified product/product group and the sustainability systems in the specified version.

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Aachen, 24. June 2024

Dr. Jens-Christian Winkler
Authorized manager

## Health and Wellbeing

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| Hea 02<br>Indoor air quality | Emission limits fulfilled | Exemplary level,<br>Can contribute to 2 points | Emission analysis according to DIN ISO 16000-9 with test report number 56368-001-BE-L and date of issue 16.07.2021 |

## Waste

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| Wst 06<br>Functional adaptability | Individual planks are replaceable | Can contribute to 1 point | Manufacturer declaration; credibility checked |

## Materials

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| Mat 01<br>Environmental impacts from construction products | EN 15804 compliant EPD | Can contribute to 1 point | Generic EPD, Declaration number EPD-HAM-20220105-ICB1-DE, valid until 07.08.2027 |
| Mat 03<br>Responsible sourcing of construction products | Cork insulation underlay PEFC certified | Fulfilled | PEFC certificate with no. PEFC ST 2002:2013, valid until 28 February 2027 |

## Environmental Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| BNB_BN 1.1.1 – BNB_BN 1.1.5 Impact on the global and local environment | EN 15804 compliant EPD | Contribution to life-cycle-assessment | Generic EPD, Declaration number EPD-HAM-20220105-ICB1-DE, valid until 07.08.2027 |
| BNB_BN 1.1.6 Local environmental impact | SVHC <0,1%<br>Blue Angel certified | Quality level 5 | Blue Angel certification nr. 31327; manufacturer declaration, credibility checked |
| BNB_BN 1.1.7 Sustainable material extraction / Biodiversity | Cork insulation underlay PEFC certified | Fulfilled | PEFC certificate with no. PEFC ST 2002:2013, valid until 28 February 2027 |
| BNB_BN 1.2.1 Primary energy demand | EN 15804 compliant EPD | Contribution to life-cycle-assessment | Generic EPD, Declaration number EPD-HAM-20220105-ICB1-DE, valid until 07.08.2027 |

## Sociocultural Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| BNB_BN 3.1.3 Indoor Air Quality | Low-emission design flooring | Can contribute to the full score | Emission analysis according to DIN ISO 16000-9 with test report number 56368-001-BE-L and date of issue 16.07.2021 |

## Technical Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| BNB_BN 4.1.3 Cleaning and ease of maintenance | Patterned decorative layer | Can contribute to the full score | Technical datasheet |
| BNB_BN 4.1.4 Deconstruction, separation and recycling | Non-destructive removal is possible in the case of floating installation | Leads to an unfavorable (-) to a favorable (+) rating | Installation instructions status as of 01.2024 |

## Environmental Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| ENV1.1<br>Building life cycle assessment | EN 15804 compliant EPD | Contribution to life-cycle-assessment | Generic EPD, Declaration number EPD-HAM-20220105-ICB1-DE, valid until 07.08.2027 |
| ENV1.2<br>Local environmental impact | Blue Angel certified;<br>free from chlorinated paraffins (<0.1%);<br>free from SVHC (<0.1%) | Quality Level 4 | Blue Angel certification no. 31327;<br>eco-Institut certificate with no. 0912-11848-001, valid until 02.2025 |
| ENV1.3<br>Sustainable resource extraction | Cork insulation underlay PEFC certified | Fulfilled | PEFC certificate with no. PEFC ST 2002:2013, valid until 28 February 2027 |

## Sociocultural and functional Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| SOC1.2<br>Indoor air quality | Low-emission design flooring | Can contribute to the full score | Emission analysis according to DIN ISO 16000-9 with test report number 56368-001-BE-L and date of issue 16.07.2021 |

## Technical Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| TEC1.5<br>Ease of cleaning building components | Patterned decorative layer,individual planks are replaceable | 20 points | Technical datasheet |
| TEC1.6<br>Ease of recovery and recycling | At the end of its life, the product is sent for thematic waste utilisation | Quality level 1 | Manufacturer declaration, credibility checked |
| | A non-destructive removal is possible in the case of floating installation. | Quality level 2 | Installation instructions status as of 01.2024 |

## Materials and Resources

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| Environmental Product Declarations | EN 15804 compliant EPD | Can contribute to 1 point | Generic EPD, Declaration number EPD-HAM-20220105-ICB1-DE, valid until 07.08.2027 |
| Sourcing of Raw Materials | Cork insulation underlay PEFC certified | Fulfilled | PEFC certificate with no. PEFC ST 2002:2013, valid until 28 February 2027 |

## Indoor Environmental Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| Low-Emitting Materials | Blue Angel certification | Can contribute to 1 - 3 points | Blue Angel certification no. 31327 |

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## Special requirements for residential/non-residential buildings

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| Treibhausgas und Primärenergie | EN 15804 compliant EPD | Contribution to life-cycle-assessment | Generic EPD, Declaration number EPD-HAM-20220105-ICB1-DE, valid until 07.08.2027 |
| Nachhaltige Materialgewinnung | Cork insulation underlay PEFC certified | Fulfilled | PEFC certificate with no. PEFC ST 2002:2013, valid until 28 February 2027 |
| Schadstoffvermeidung in Baumaterialien | SVHC <0,1%;<br>Compliance with AgBB scheme | Fulfilled | Manufacturer's declaration, plausibility checked;<br>eco-Institut certificate with no. 0912-11848-001, valid until 02.2025 |

The basis for successful certification in accordance with the Quality Label Sustainable Building (QNG for short) is the assessment and fulfillment of "General Requirements" according to the criteria of the DGNB, BNB or NaWoh certification system. These criteria to be fulfilled depend on the concrete application and the type of measure. In addition, the evaluation of the "Special Requirements" determines the fulfillment of the requirement levels QNG-PLUS and QNG-PREMIUM.

## Product description

| Criteria | Assessment | Verified by |
|---|---|---|
| Product type | Design floor covering according to EN 16511 | Technical datasheet |
| Level of use | Class 23-33 object area heavy - heavy use according to EN 10874 | Technical datasheet |
| Material composition / wear layer | Rigid floor covering | Technical datasheet |
| Total thickness | 9,8 mm | Technical datasheet |
| Surface related mass | 9,24 kg/m2 | Technical datasheet |