# PRODUCT PASSPORT SUSTAINABILITY

Product passport number: 288-1-2400212.2

## HARO Laminate Sp. Ed. NKL31

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 6 criteria | 3 |
| DGNB Version 2018 | Leads to a positive contribution in 5 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, 25. September 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 24-000754-03 and date of issue 18.09.2024 |

## 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-EPL-20210138-CBE1-EN, valid until 08.07.2026 |

## 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-EPL-20210138-CBE1-EN, valid until 08.07.2026 |
| BNB_BN 1.1.6 Local environmental impact | SVHC <0,1%;<br>Blue Angel certified | Quality level 5 | Blue Angel certification nr. 26449;<br>Manufacturer declaration, credibility checked |
| BNB_BN 1.2.1 Primary energy demand | EN 15804 compliant EPD | Contribution to life-cycle-assessment | Generic EPD, Declaration number EPD-EPL-20210138-CBE1-EN, valid until 08.07.2026 |

## Sociocultural Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| BNB_BN 3.1.3 Indoor Air Quality | Low-emission laminate flooring | Can contribute to the full score | Emission analysis according to DIN ISO 16000-9 with test report number 24-000754-03 and date of issue 18.09.2024 |

## 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 status 01.02.2023 |
| 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-EPL-20210138-CBE1-EN, valid until 08.07.2026 |
| ENV1.2<br>Local environmental impact | Formaldehyde ≤0,05 ppm;<br>SVHC free <0,1% | Quality Level 4 | Emission analysis according to DIN ISO 16000-9 with test report number 24-000754-03 and date of issue 18.09.2024;<br>Manufacturer declaration, credibility checked |

## Sociocultural and functional Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| SOC1.2<br>Indoor air quality | Low-emission laminate flooring | Can contribute to the full score | Emission analysis according to DIN ISO 16000-9 with test report number 24-000754-03 and date of issue 18.09.2024 |

## 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 status 01.02.2023 |
| TEC1.6<br>Ease of recovery and recycling | At the end of its life, the product is sent for thermal 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 recommendation 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-EPL-20210138-CBE1-EN, valid until 08.07.2026 |

## Indoor Environmental Quality

| Criteria | Requirement | Assessment | Verified by |
|---|---|---|---|
| Low-Emitting Materials | Blue Angel certification | Can contribute to 1 - 3 points | Blue Angel certification no. 26449 |

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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-EPL-20210138-CBE1-EN, valid until 08.07.2026 |
| Schadstoffvermeidung in Baumaterialien | SVHC <0,1%;<br>Compliance with AgBB scheme | Fulfilled | Manufacturer declaration, credibility checked;<br>Emission analysis according to DIN ISO 16000-9 with test report number 24-000754-03 and date of issue 18.09.2024 |

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 | Laminate flooring according to EN 13329 | Technical datasheet status 01.02.2023 |
| Level of use | Class 23-31 object area heavy - moderate use according to EN 10874 | Technical datasheet status 01.02.2023 |
| Material composition / wear layer | Specially laminated HDF-E1 core board | Technical datasheet status 01.02.2023 |
| Total thickness | 7,0 mm | Technical datasheet status 01.02.2023 |
| Surface related mass | 6,41 kg/m², 8,31 kg/m² with Silent Pro | Technical datasheet status 01.02.2023 |