PRODUCT PASSPORT SUSTAINABILITY

Product passport number: 288-1-2400211.1

DISANO WaveAqua

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 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.

Technically responsible: M.Sc. Theresa Rüdiger

TFI Aachen GmbH
Charlottenburger Allee 41
52068 Aachen

Aachen, 24. June 2024

Dr. Jens-Christian Winkler
Authorized manager

Health and Wellbeing

Criteria	Requirement	Assessment	Verified by
Hea 02 Indoor air quality	Emission limits fulfilled	Exemplary level, Can contribute to 2 points	Emission analysis according to DIN ISO 16000-9 with test report number 55212-B001 V and date of issue 06.07.2020

Waste

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

Materials

Criteria	Requirement	Assessment	Verified by
Mat 01 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

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%; Blue Angel certified	Quality level 5	Blue Angel certification nr. 35273; 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-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 55212-B001 V and date of issue 06.07.2020

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 10.2021

Environmental Quality

Criteria	Requirement	Assessment	Verified by
ENV1.1 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 Local environmental impact	Blue Angel certified; free from chlorinated paraffins (<0.1%); free from SVHC (<0.1%)	Quality Level 4	Blue Angel certification no. 32003; eco-Institut certificate with no. 0820-11848-009, valid until 08.2025

Sociocultural and functional Quality

Criteria	Requirement	Assessment	Verified by
SOC1.2 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 55212-B001 V and date of issue 06.07.2020

Technical Quality

Criteria	Requirement	Assessment	Verified by
TEC1.5 Ease of cleaning building components	Patterned decorative layer,individual planks are replaceable	20 points	Technical datasheet
TEC1.6 Ease of recovery and recycling	At the end of its life, the product is sent for thermic 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 10.2021

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

Indoor Environmental Quality

Criteria	Requirement	Assessment	Verified by
Low-Emitting Materials	Blue Angel certification	Can contribute to 1 - 3 points	Blue Angel certification no. 35273

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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
Schadstoffvermeidung in Baumaterialien	SVHC <0,1%; Compliance with AgBB scheme	Fulfilled	Manufacturer's declaration, plausibility checked; eco-Institut certificate with no. 0820-11848-009, valid until 08.2025

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	8,0 mm	Technical datasheet
Surface related mass	7,36 kg/m2	Technical datasheet