

Laminate Floor Data Sheet

HARO Tritty 200 Aqua

Construction

HARO Tritty 200 Aqua is a high-quality laminate floor by Hamberger Flooring GmbH & Co. KG with the following construction:

1. Overlay, specially impregnated (durable protective layer)
2. Decorative laminate, specially impregnated
3. High moisture control AquaReject coreboard
4. Balancing laminate
5. Back of the board: Optional Silent Pro insulation layer or Silent CT (ComforTec)



Dimensions and moisture behavior

All data refer to the delivery humidity of 4-10% according to EN 322.

Length	Width	Total thickness	Weight per unit area	Equilibrium humidity at 23°C / 50% RH
EN 13329, Anhang A	EN 13329, Anhang A	EN 13329, Anhang A	-	EN 322
1282mm (50 1/2") 2200mm (86 5/8")	193mm (7 19/32") 243mm (9 9/16")	8mm (5/16")	7.26kg/m ² 9.16kg/m ² with Silent Pro 7.26kg/m ² with Silent CT	5,4%
maximum deviation: ±0.5mm (DIN EN 13329: ±0,5mm/±0,3mm/m)	maximum deviation: ±0.1mm (DIN EN 13329: ±0.1mm)	maximum deviation: ±0.2mm (DIN EN 13329: ±0.25mm)	Slight deviations are possible due to variations in the core board's bulk density.	maximum deviation: ±0.5%

Installation system

The patented glueless installation system provides an easy, perfect-fit and permanent installation of the laminate floor.



**Fold Down
locking system**

On the long sides: Angle-in to lock it
On the short sides: Top Connect

Insulation layer

The laminate floor can be fitted at the factory with the Silent Pro insulation layer or with ComforTec. Please pay attention to the data sheets of the insulation layer.

	Thickness	Thermal resistance	Indoor sound improvement	Footfall improvement
	approx. 2mm (3/32")	0.01m ² k/W	approx. 30%	approx. 18 dB
	approx. 2mm (3/32")	0.04m ² k/W	approx. 60%	approx. 14 dB

Performance specifications

Level of use [DIN EN 13329]	Reaction to fire [DIN EN 13501-1]	Sliding friction [DIN EN 14041; EN 13893]	Thermal resistance
			
23 / 33	Cfi-S1	DS / R9*	0.065m²K/W
23 = residential application with intensive use 33 = commercial applications with heavy loads and traffic The laminate floor fulfils all requirements of the specified level of use.	Cfi = flame-resistant	$\mu \geq 0.35$ The laminate floor fulfils the requirements for occupational safety in accordance with BGR 181. *does <u>not</u> apply to floors with pore texture	Thermal conductivity value; limit value max. for underfloor heating is 0.15 m²K/W

Electrostatic behaviour [DIN EN 1815]	Formaldehyde emissions [DIN EN 717-1]	VOC emissions [AgBB-Scheme/Blue Angel]	Micro scratch resistance [DIN EN 16094]
			
Antistatic	≤ 0.05ppm	≤ 300ppm	Class 1
During the walk test the body voltage is ≤ 2kV.	Evidence of emissions for: - Blue Angel (RAL UZ 176) - DGNB ENV 1.2, quality level 4, criteria matrix 47a www.dgnb-navigator.de - LEED v.1 Option 2 & Leed v4 for projects outside U.S; EQ credit low-emitting materials - BREEAM Hea02 Indoor air Quality, exemplary level emission criteria for wood flooring (table 18)		Resistance to a scouring pad which leaves no or only minimal and hardly visible scratches (process: B).

Abrasion resistance [DIN EN 13329]	Impact test [DIN EN 13329]	Thickness swelling [DIN EN 13329]	Stain resistance [DIN EN 438-2]
			
AC6	≥ 1000 mm / ≥ 15 N	≤ 8% (standardized specification ≤ 15%)	5 (Gr 1-2) / 4 (Gr 3)
Wear-through IP ≥ 8500 rotations in accordance with DIN EN 13329.	The impact resistance results from the falling ball and the impact resistance test.	The very low swelling values allow for the use in rooms with moderate stress from water (wet areas) in accordance with WO-I (DIN 18534) as well as in private bathrooms without drains in compliance with the installation guidelines.	No change of gloss / colour by substances or chemicals that are common in a household.

Quality label



www.blauer-engel.de/uz176



www.ibu-epd.com



Hamberger Flooring GmbH & Co.KG - Production Engineering

Quality management system Form PT 7.3/02/00/00/0524.9 v. 01/03/21-en