

PROPERTIES	REFERENCE TEST	UNITS	12MM
Density	EN 323	kg/m <sup>3</sup>	540
Bending strength	EN 310	N/mm <sup>2</sup>	Pending
Moisture content	EN 322	%	7,6
Content, emission and/or release of dangerous substances <sup>(1)</sup>	EN 16516	µg/m <sup>3</sup> (At 28 days)	85
Vapour permeability	ISO 12572:2018	µ	2,7
Swelling in thickness	EN 317:1994	%	13,5
Reaction to fire	EN 13823 (SBI)	Euroclass	C-s1,d0
Airborne sound insulation (surface mass)	ISO 354:2004	dB	24
Acoustic absorption	ISO 354:2004	α <sub>w</sub>	0,15
Thermal conductivity	EN 12664:2002	W/m·K	0,093
Impact resistance (soft impact body energy) <sup>(2)</sup>	-	N·m	1.200
Impact resistance (hard impact body energy) <sup>(2)</sup>	-	N·m	10

(1) The Honext board emission results according to basic level emission criteria of BREEAM Int.: Hea 02 Indoor air quality:

- Carcinogenic substances were not detectable after 28 days (< 0,001 mg/m<sup>3</sup>).
- The sum of VOC ("TVOC") after 28 days was below the limit of 1,0 mg/m<sup>3</sup>.
- Formaldehyde after 28 days was below the limit of 0,06 mg/m<sup>3</sup>.

(2) The Honext board does not show collapse, penetration nor projection after the impacts. The energies tested are the highest energies considered by EAD 210132-00-0504.

Properties tested by Applus in 2021.

UNIQUE SPECIFICATIONS	VALUES
Raw material	Paper mill primary sludge and post-consumer cardboard
Recyclability	Recyclable
Cradle to Cradle	Silver Certified and Material Health Silver
CE Marking and ETA	Expected by 2022