

HONEXT® FR-B PROPERTIES	REFERENCE TEST	UNITS	12MM
Density	EN 323	kg/m ³	600+/- 20
Content, emission and/or release of dangerous substances ⁽¹⁾	EN 16516	µg/m ³ (At 28 days)	85
Vapour permeability	ISO 12572:2018	µ	2,7
Reaction to fire	EN 13823 (SBI)	Euroclass	B-s1,d0
Airborne sound insulation (surface mass)	ISO 354:2004	dB	24
Acoustic absorption	ISO 354:2004	α _w	0,15
Thermal conductivity	EN 12664:2002	W/m·K	0,1
Dimensional stability (variation of length)	EN 318	mm/m	2,2
Dimensional stability (variation of thickness)	EN 318	%	1,9
Impact resistance (soft impact body energy)	EAD 210132-00-0504	N·m	1,200
Impact resistance (hard impact body energy)	EAD 210132-00-0504	N·m	10

Thickness tolerance: +/- 0,30 mm

(1) The Honext board emission results according to basic level emission criteria of BREEAM Int.: Hea O2 Indoor air quality:

- Carcinogenic substances were not detectable after 28 days (< 0,001 mg/m³).
- The sum of VOC ("TVOC") after 28 days was below the limit of 1,0 mg/m³.
- Formaldehyde after 28 days was below the limit of 0,06 mg/m³.

(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.

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 H2 2023



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