

TECHNICAL SPECIFICATION - PRODUCT

Ekopanely Board E40/800

Construction straw board without surface finish

Applications

- exterior wall cladding on the inside without fire resistance requirements
- partitions, floors
- ceilings, slanted walls, loft conversions
- interior cladding of an existing wall on timber studwork

Advantages

- heat accumulation
- acoustic absorption
- high mechanical resistance
- vapour permeable
- insulation properties
- thermal stability
- energy savings
- fire resistance
- custom size boards
- 100% ecological product
- natural climate inside the building
- harmless to health
- recyclable

Labelling

- ↓TOP↓ = the interior visible side
- number XXXX = length of the board
- product certification label

Storage

- indoor dry place (short term under waterproof cover)
- horizontally stable area (pallet)
- spacers laid across the long side min. 3 - 4 places (approx. 800 mm), horizontally balanced
- max. 30 pcs laid flat then spacers used
- max. storage height is 3x30 pcs
- laying of panels "zig zag"

Package

- single sheet
- max. 30 pcs of Ekopanely boards laid flat then spacers
- can be arranged:
 - stretch film wrapping
 - packing tape

Description	Value	Unit	Norms
Thickness	38 (tolerance +2 mm)	mm	
Width	800	mm	
Length	1200 - 3200	mm	
Average basis weight	16	kg/m ²	
Average density	379	kg/m ³	
Thermal conductivity λ	0,099	W/(m.K)	ČSN EN 13986, EN 12664, EN 10456
Water vapour resistance factor μ	9,7		ČSN EN 13986, EN ISO 12572 B (23° C, 0/85 % R.H.)
Fire response category	E		ČSN EN 13986, EN 13501-1
Determination of volatile organic compounds (VOC)	A+		ČSN EN 13986, EN ISO 16000-10

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Ekopanely E40/800

technical drawings

