



**EKOPANELY®**

**EKOPANELY CZ s.r.o.**

Jedousov 72, 535 01 Přelouč, Czech Republic

tel: +420 466 972 421

e-mail: [info@ekopanely.com](mailto:info@ekopanely.com) [www.ekopanely.com](http://www.ekopanely.com)

**DECLARATION OF PERFORMANCE  
No. 04/2019**

1. Unique identification code of the product-type:

- **EKOPANELY E40, EKOPANELY BOARDS E40**
- **EKOPANELY E60, EKOPANELY BOARDS E60**

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

***Particleboard (straw board) without surface treatment for permanent installation in buildings for non-load bearing purposes in the use class 1 according to EN 335 (dry condition).***

***The product is defined in EN 309, Article 2, as particleboard – wood based panels produced by compressing and heating the particles of lignocellulose material in particle form (straw) with adhesive.***

***EKOPANELY BOARD E40 and EKOPANELY BOARD E60 - pressed boards are made from straw, as a single-layer thicknesses 38 and 58 mm, in widths of 800, 1200 mm.***

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

***EKOPANELY CZ s.r.o., Jedousov 72, 535 01 Přelouč, Czech Republic, EUROPE***

4. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

***EKOPANELY SERVIS s.r.o., Jedousov 64, 535 01 Přelouč, Czech Republic, EUROPE***

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

***System 3***

6a. Harmonised standard:

ČSN EN 13986 + A1 – Wood-based panels for use in construction – characteristics, evaluation of conformity and marking

***Institut pro testování a certifikaci, a.s. NB 1023***

(name and identification number of the notified body, if relevant)

performed ***assessment of product type*** under system  
(description of the third party tasks as set out in Annex V)

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## 7. Declared performance

Essential characteristics	Property		technical specification
	Requirement clauses of ČSN EN 13986	Levels and/or classes	
Resistance to aging (Bending strength)	5.1	NPD	EN 13986
bonding quality	-	NPD	EN 13986
transverse tensile strength perpendicular to the plane of the board	5.4	NPD	EN 13986
Emission of formaldehyde	5.7	E1	EN 13986
		< 0,6 mg/m <sup>2</sup> h tl. 58 mm	
		< 0,6 mg/m <sup>2</sup> h tl. 38 mm	
Reaction to fire	5.8	E tl. 38, 58 mm	EN 13501-1+A1:2010 EN 13986
Water vapor permeability	5.9	μ=9,7 (tl. 58 mm)	EN 13986 EN ISO 12572 B (23°C, 0/85% relativní vlhkosti)
Airborne sound	5.10	NPD	EN 13986
Sound absorption	5.11	NPD	EN 13986
Thermal conductivity	5.12	λ <sub>D</sub> =0,099 W/(m.K) μ=9,7 (tl. 58 mm)	EN 13986 EN 12664, EN 10456
Durability	5.17	use class 1	EN 13986 EN 335
Content of pentachlorfenol	5.18	< 5 ppm	EN 13986

## 8. Appropriate Technical Documentation and/or Specific Technical Documentation:

More info at: [www.ekopanely.com](http://www.ekopanely.com)

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Jan Bareš

in Jedousov on the 1<sup>st</sup> March 2019

