



EKOPANELY®

EKOPANELY CZ s.r.o.

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**DECLARATION OF PERFORMANCE
No. 03/2016**

1. Unique identification code of the product-type:

**EKOPANELY board – straw board
EKOPANEL E40/800, E60/800, E60/1200**

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 335-3 (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.

EKOPANEL - 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)

3

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 ² h tl. 58 mm	
		< 0,6 mg/m ² h tl. 38 mm	
Reaction to fire	5.8	E tl. 38, 58 mm	EN 13501-1 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 _D =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

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 1st August 2016

