



**EKOPANELY**

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**DECLARATION OF PERFORMANCE  
No. 2/2013**

1. Unique identification code of the product-type:

***EKOPANEL ® – straw board***

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

***EKOPANEL ® - thicknesses 38, 58 mm***

3. Intended use or uses of the construction product, in accordance with the applicable harmonised 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.***

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

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

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

***System 3***

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

***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 **3**  
(description of the third party tasks as set out in Annex V)

and issued ***TEST REPORT, Reference No. 75 35 0882/ 2013***

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**ETA not issued**

9. 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
		2,64 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 EN 13986
Water vapor permeability	5.9	m=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) m=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

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

Specific Technical Documentation not be used.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by: Jan Bareš (name and function)

Jedousov 16.12.2013

