



Declaration of Performance

in compliance with Regulation (EU) No 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), Annex V, Art. 1.4 (System 3), as amended

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1. Unique identification code of the product-type:



(identification is possible according to the label attached to the packaging)

2. Intended use/es:

Insulation material/board based on exfoliated vermiculite (EV) intended for the construction of fireplaces, tiled stoves and similar applications with a maximum use temperature of 1000°C (EN 1094-2).

3. Manufacturer:

GRENA, a.s., Třída Čs. armády 541,
391 81, Veselí nad Lužnicí II, CZ
IČ: 46678832

4. Authorised representative:

5. System/s of AVCP:

system 3

6. Harmonised standard:
Notified body/ies:

ČSN EN 15501:2013
Centrum stavebního inženýrství a.s.,
Notified body No. 1390,
Pražská 16/810, 102 00 Praha 10, IČ: 45274860

7. Declared performance/s:

Essential characteristics	Performance	
Reaction to fire, Euroclass characteristics	A1	
Thermal resistance	24°C	0,165 W.m ⁻¹ .K ⁻¹
	200°C	0,191 W.m ⁻¹ .K ⁻¹
	600°C	0,248 W.m ⁻¹ .K ⁻¹
	800°C	0,277 W.m ⁻¹ .K ⁻¹
Water vapor permeability	NPD	
Compressive strength	CS(Y) 1 000	
Release of corrosive substances	NPD	
Stability reaction to fire in aging/degradation	NPD*	
Release of dangerous substances into the indoor environment	NPD**	
Burning gradual glowing	NPD	
Stability of thermal resistance in aging/degradation	NPD*	
Stability of reaction to fire at a high temperature	NPD*	
Stability of the thermal resistance at high temp.	see „Thermal resistance“	

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

Initial assessment of the characteristics of the product No. 1390-CPR-0443-2015/P from November 24th 2015

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:

Elaborated by:
Ing. Lukáš Šmehlík – Quality Director

Approved by:
Ing. Petr Novotný – Chairman of the Board

In Veselí nad Lužnicí, December 23th 2016

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