



## DECLARATION OF PERFORMANCE 004EV2022/06/08

1. Unique identification of the product-type:

**ISONEM, ISOLET**

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

**ISONEM loose fill cellulose insulation**

3. Intended use:

**Thermal and sound insulation**

4. Manufacturer:

**Ekovilla Oy, Katajajarjuntie 10, 45720 Kuusankoski,  
+358 5 750 7500, [info@ekovilla.com](mailto:info@ekovilla.com), [www.ekovilla.com](http://www.ekovilla.com)**

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

**Fire performance: AVCP 1  
Others: AVCP 3**

6. Technical assessment body (TAB):

**Austrian Institute of Construction Engineering (OIB)**

7. European Assessment Document

**EAD 040138-01-1201**

8. European Technical Assessment:

**ETA-09/0081**

9. Notified body:

**Eurofins Expert Services Oy (0809)**



Essential characteristic	ISONEM; ISOLET				Harmonized technical specification:
Area of application / application method	open blown spaces	horizontal and pitched cavities	vertical cavities	sprayed with glue	EAD 040138-01-1201
Density [kg/m <sup>3</sup> ]	26 - 36	40 - 55	55 - 65	33 - 50	
Fire performance	B-s2, d0			D-s2, d0	
Biological resistance	0 (no mould growth)				
Sound absorption	a <sub>w</sub> = 1,00			NPD	
Thermal conductivity λD(23,50)	0,038 W/mK Fm2 = 1,02 (23,50 – 23,80)				
Water vapour diffusion resistance	μ = 1,3				
Water absorption	NPD				
Corrosion	NPD				
Settlement	s <sub>v</sub> = 10 %	s <sub>d</sub> = 0 %			
Critical moisture content	NPD				
Airflow resistance [kPa s/m <sup>2</sup> ]	AF <sub>r</sub> 8	AF <sub>r</sub> 44	AF <sub>r</sub> 44	AF <sub>r</sub> 10	

Signed for and on behalf of the manufacturer by:

Kuusankoski 8.6.2022,



Lauri Törrö, COO