



Declaration of Performance

Version: 01/2026

DoP No.: ETA-26/0071 of 13/04/2026

Issued in accordance with the essential requirements as specified in European Assessment Document (EAD) No. 040146-00-1201 for "Thermal insulation for buildings made of straw bales".

UNIQUE IDENTIFICATION CODE:	Straw thermal insulation for EcoCocon Straw Panel
TYPE:	Straw thermal insulation — pressed straw, no additives, bulk density 98–127 kg/m ³
INTENDED USE:	Thermal insulation filling for prefabricated EcoCocon straw panels in buildings
MANUFACTURER:	EcoCocon s.r.o. ID: 52416151 Záhradnícka 60 821 08 Bratislava Slovak Republic
PLACE OF MANUFACTURE:	Industrial park Voderady 919 42 Voderady Slovak Republic
SYSTEM OF PERFORMANCE ASSESSMENT:	European Technical Assessment: ETA-26/0071 of 13/04/2026, issued by Technical and Test Institute for Construction Prague (TZÚS). AVCP System 3 — all characteristics (Regulation (EU) No 305/2011, Annex V, clause 1.4; Commission Decision 1999/91/EC as amended by 2001/596/EC).

DECLARED PERFORMANCE:

Essential characteristic	Assessment method	Declared performance
Mechanical resistance and stability		
No specific requirements		
Safety in case of fire		
Reaction to fire	EN 13501-1	Class E
Propensity to undergo continuous smouldering	EN 16733 EAD 040146-00-1201, Annex B, sample bulk density 115 kg/m ³	The product shows propensity to undergo continuous smouldering
Hygiene, health and the environment		
Hygroscopic sorption	EN ISO 12571:2022	u = 0.091 kg/kg (RH 80%) u = 0.120 kg/kg (RH 95%) full isotherm: see ETA-26/0071 Section 3.2
Biological resistance	EAD 040146-00-1201	No performance assessed
Safety and accessibility in use		
No specific requirements		
Protection Against Noise		
Specific airflow resistivity	EN ISO 9053-1	r = 6.03 kPa·s/m ²



Energy economy and heat retention

Thermal conductivity	EN 12667; EN ISO 10456; EAD 040146-00-1201 cl. 2.2.6, Annex A	$\lambda_{D,10,dry,90/90} = 0.067 \text{ W/(m}\cdot\text{K)}$
Water vapour diffusion resistance (μ)	EN 12086	$\mu = 3.34$
Water absorption	EN ISO 29767, method A	21.4 kg/m ² — for reference only; product must not be exposed to wetting in use (see Product Incorporation)

ASSUMED WORKING LIFE:

The assumed working life of the product is 50 years, in accordance with European Technical Assessment ETA-26/0071, provided the product is installed and used in accordance with the manufacturer's technical documentation. The assumed working life is not a guarantee by the manufacturer or the Technical Assessment Body..

PRODUCT INCORPORATION:

The product is straw thermal insulation intended for incorporation into prefabricated EcoCocon straw panels for use in building construction, in accordance with European Technical Assessment ETA-26/0071 and EAD 040146-00-1201.

This declaration of performance is issued under the sole responsibility of the manufacturer.

In Bratislava, 17.05.2026

Bjorn Kierulf, CEO