

# DECLARATION OF PERFORMANCE

no. CZ2020/01

Prague, 14. 12. 2020

Unique identification code of the product-type:

**PackWall (CZ2020/01)**

Intended use/es:

**ETA 20/0861  
Boards made from recycled beverage cartons for use in construction**

Manufacturer: **Flexibau, s.r.o.  
Na Poříčí 1079/3a, 110 00 Prague 1, Czech republic**

System/s of AVCP (assessment and verification of constancy of performance):

**System 3**

Harmonized standard or technical specifications / Notified body/ies:

**EAD 210138-00-0504:2020  
TZÚS Praha, s.p., notified body no. 1020, branch Prague**

Declared performance/s:

Essential characteristics	Performance	Harmonized technical specifications
Modulus of elasticity in bending $E_m$	$\geq 393 \text{ N/mm}^2$	EAD 210138-00-0504:2020
Bending strength $f_m$	$\geq 3,58 \text{ N/mm}^2$	
Reaction to fire	D - s1, d1	
Vapour permeability $\mu$	705	
Tensile strength perpendicular to faces $f_{1,\perp}$	$\geq 0,06 \text{ N/mm}^2$	
Pull through resistance of fasteners $f_{head}$	$\geq 3,43 \text{ N/mm}^2$	
Indentation hardness by means of a durometer Shore D (SHORE hardness)	43,5	
Durability – swelling in thickness after immersion in water $G_t$	$\leq 13,4 \%$ (Thickness 18 mm)	
	$\leq 25,2 \%$ (Other)	
Durability – moisture resistance	$\geq 0,061 \text{ N/mm}^2$ $\leq 6,9 \%$	
		- residual tensile strength perpendicular to faces $f_{1,\perp, res}$ - residual swelling in thickness after immersion in water $G_{t, res}$
Airborne sound insulation $R_w(C;C_{tr})$	$\geq 32(0;-3) \text{ dB}$	
Thermal conductivity $\lambda$	$\leq 0,19 \text{ W/(m}\cdot\text{K)}$	

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 Regulations (EU) No 305/2011 and No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

**Flexibau, s.r.o.** ©

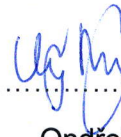
Na Poříčí 1079/3a

110 00 Praha 1 - Nové Město

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Ing. Emil Buřič  
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