

## DECLARATION OF PERFORMANCE

N. DoP18/0554

**Upgrei**

1. Unique identification code of the product-type	Upgrei 18/0554
2. Intended use/es	impact sound insulation
3. Manufacturer	ISOLGOMMA S.r.l. - Via Dell'Artigianato, 24 36020 - Albettono (VI) - Italia
5. System/s of AVCP	System 3
6. European Assessment Document	EAD 040048-01-0502 Rubber fibre mat to be used for impact sound insulation
European Technical Assessment Technical Assessment Body	ETA 18/0554 ITC-CNR Istituto per le Tecnologie della Costruzione Via Lombardia, 49 - San Giuliano Milanese (MI)
Notified body/ies	-
7. Declared performance	see table below

N.	Essential characteristic	Unit	Performance	
1.	Reaction to fire		$E_{fl}$	
2.	Content and/or release of dangerous substances		NPD	
3.	Dynamic stiffness	$MN/m^3$	$s'_t \leq 18$	
4.	Impact sound reduction	dB	$\Delta L_w = 25$	
5.	Geometry: - Length	mm	5000 - L4	
	Geometry: - Width	mm	1040 - W4	
	Geometry: - Deviation from squareness	mm/m	$S_b = 0$	
6.	Thickness	mm	$dL = 10 \pm 10\%$	
	Compressibility	mm	$c \leq 2,1$	
7.	Mass per unit area	$kg/m^2$	$2,65 \pm 10\%$	
8.	$\sigma_{c1} 1,16 \text{ kPa} / \sigma_{c2} 1,36 \text{ kPa}$	$X_{ct} (10 \text{ years})$	mm	1,274 / 1,274
		$\epsilon (10 \text{ years})$		22,7% / 23,8%
		total thickness reduction	mm	2,574 / 2,704
9.	Compressive stress/strength	kPa / kN	$\sigma_{10} \geq 1,37 / F_{10} \geq 0,0548$	
10.	Deformation under specified load and temperature		$\Delta \epsilon \leq 6,1\%$	
11.	Resistance to breaking or cracking		NPD	
12.	Thermal resistance		NPD	

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.

Albettono, 25/09/2018

Signed for and on behalf of the manufacturer by:

  
 .....  
 Fabio Loriggiola (R. & D. Engineer)