

## Technical Data Sheet

# GEMAFON SSP



### Description

Gemafon SSP is a high performance acoustic insulation made of composite of mineral fibre attached to a small layer bitumen membrane, and covered with a polyethylene film. It has an 8cm self-adhesive side to ease installation.

### Main Applications

Sound Insulation under floors. Ideal for apartments or sources of tapping noises.

### Characteristics and performance

Characteristics [Standard]	Description	Symbol [Units]	
Reduction of tapping noises [UNI EN ISO 140/6] [UNI EN ISO 717/2]	$\Delta L_w$	[dB]	<b>24</b>
Average initial thermal conductivity [EN 12667]	Value determined at 10°C	$\lambda_{90/90,1}$ [W/mK]	0.041
Nominal thickness [EN 13859-1]		$d_N$ [mm]	2.8 mm +/- 15
Dimensions	Length	[m]	20 m
	Breath		1m
Dimensional stability [EN 13859-1]	80°C ( $\pm 2$ ) at	%	$0 < \Delta L < +0.5\%$
Total Mass per area [EN 13859-1]	Mass per area	[g/m <sup>2</sup> ]	1000-1200
Mineral fiber mass per area	Mass per area	[g/m <sup>2</sup> ]	280
Traction Resistance [EN 13859-1]		N/ 5cm	MD: 500 +/- 15% CD: 300 +/- 15%
Elongation [EN 13859-1]		%	MD:1-2% CD:1-2%
Nail lacération [EN 13859-1]		N	MD: 120 +/- 15% CD: 130 +/- 15%

s <sub>d</sub> Dynamic rigidity [EN 29052-1]		MN/m <sup>3</sup>	19
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## Tolerances and Notes

Tolerances [UNI EN 13165]	Thickness	T1 [mm]	2.8 mm +/- 15%
Notes			

The manufacturer is certified according to UNI EN ISO 9001:2000 specifications, and all products are CE certified