



# SILENCIO



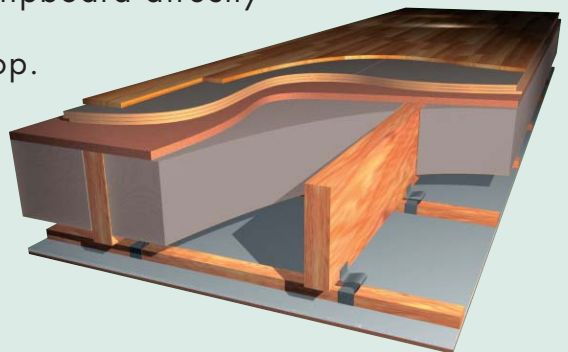
## SOUND INSULATION BOARD

Silencio acoustic under-flooring has been designed to give to you the best insulation against impact sound in the market.

Silencio is made of light porous wood-fibre with high resistance to compression as a flooring underlay. Environment: Made from 100% wood waste and no adhesive used, it is the ligning naturally present in the

waste wood that bonds the fibres together.

Saves time and money: Is quickly and easily laid with parquet, wood or chipboard directly on top.



**Silencio - the sound of silence**

# HØY TRIVSELSFAKTOR KAN MÅLES I DECIBEL

*old viking saying*

The new regulations regarding airborne and impact sound in Scandinavia are achieved by using SILENCIO acoustic under-flooring.

SILENCIO flooring underlay from Hunton Fiber is constructed using softwood fibres giving a high resistance to compression.

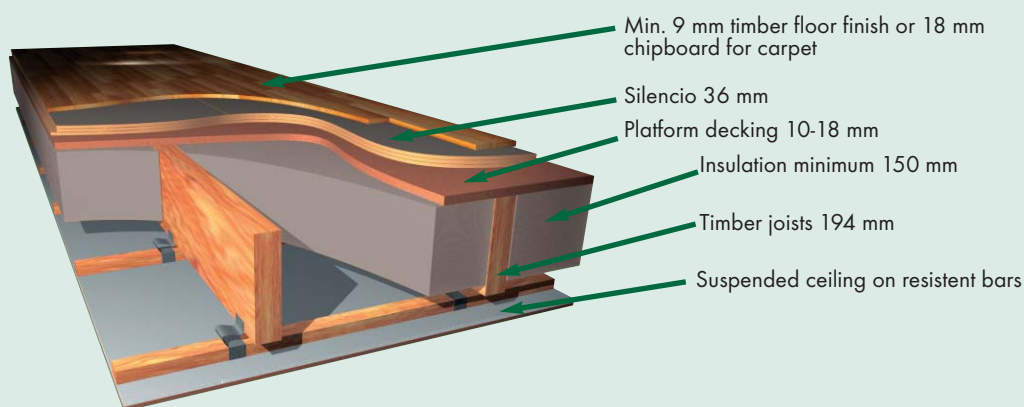
SILENCIO is lightweight, easy to handle and cut, and simple to lay.

There are no additives in SILENCIO, containing only softwood fibres, water and recycled newspaper.

SILENCIO is recommended by the Norwegian Asthma and Allergy Organisation as a safe building material.

Density	260 - 290kg/m <sup>3</sup>
Thermal Resistivity	$\lambda_p=0,045$ W/mK
Size	600x1800x6, 12 og 36 mm

*Technical information Hunton Silencio*



NBI-rapport 02271.25/november 1996



NBI-rapport 09021/juli 1997



**Producer:**  
**Hunton Fiber AS,**  
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Telephone: +47 67 80 54 00, Fax: +47 67 80 54 01  
[www.hunton.no](http://www.hunton.no)

**Sales in the UK:**  
**Hunton Fiber(UK) LTD:**  
22A High street, Irthlingborough, Northants NN9 5TN  
Telephone: 01933 651811. Fax: 01933 652747  
e-mail: [hunton@compuserve.com](mailto:hunton@compuserve.com)

<b>HUNTON FIBER AS</b>							
Survey of tests							
Date: 14.01.2002							
No.	Floor construction:	Material:	Floor covering:	Rw dB	Ln dB	Testing Institute:	Testing date:
<b>Concrete slab</b>							
1	200mm	Silencio 36	14mm parquet		51	Multiconsult(1)	21.12.99
2	200mm	Silencio 36	12mm parquet	62	51	J&W	14.01.02
3	200mm	Silencio 36	12mm parquet	58	49	J&W	14.01.02
4	230mm	Silencio 36	14mm parquet		49	Calculated	21.12.99
5	250mm	Silencio 36	14mm parquet		48	Calculated	21.12.99
<b>Perforated concrete slab</b>							
6	200mm	Silencio 36	9mm hardboard + coating	53	48	NBI (2)	18.02.00
7	265mm				81	NBI (2)	24.02.00
8	265mm	3mm paper underlay	14mm parquet		58	NBI (2)	24.02.00
9	265mm	Silencio 4	14mm parquet		56	NBI (2)	24.02.00
10	265mm	Silencio 6	7mm laminate		55	NBI (2)	24.02.00
11	265mm	Silencio 6	14mm parquet		55	NBI (2)	24.02.00
12	265mm	Silencio 36	14mm parquet		52	NBI (2)	24.02.00
13	265mm	Silencio Thermo	14mm parquet		50	NBI (2)	24.02.00
14	265mm	Silencio Thermo	14mm parquet + 6mm gypsum		50	NBI (2)	24.02.00
15	265mm	Silencio Thermo	22mm parquet		53	NBI (2)	24.02.00
<b>Wooden joist</b>							
16	200mm, 150mm insul.	Silencio 36	9 mm. hardboard	58	49	SINTEF (3)	21.05.96
17	200mm, 150mm insul.	Silencio 36	14mm parquet	58	53	NBI (2)	1998
18	200mm, 150mm insul.	Silencio 36	14mm parquet + 6mm gypsum	57	51	NBI (2)	28.10.99
19	200mm, 150mm insul.	Silencio 36	14mm parquet		49	ITA (4)	nov.98
20	200mm, 150mm insul.	Silencio 36	14mm parquet	58	52	Multiconsult(1)	apr.99
21	200mm, 150mm insul.	Silencio 36	14mm parquet	58	56	NBI (2)	mar.98
(1) Multiconsult, consulting engineering firm							
(2) The Norwegian Building Research Institute							
(3) The Foundation of Scientific and Industrial Research at the Norwegian Institute of Technology							
(4) ITA Ingeniörgesellschaft für technische Akustik mbH							
Testresults 7-13 includes 2dB lab. Tolerance							