

G-Sound

PREMIUM

Impact membrane

Description

G-Sound Premium represents a high-performance solution for reducing impact sound. In addition to incorporating all the properties of G-Sound, it provides acoustic attenuation of up to 20 dB with a total thickness of only 2.5 mm. Its 2 x 10 m format enables fast, accurate and efficient installation over large surfaces.

Features

Provides a triple function: acoustic insulation, waterproofing and uncoupling.

Lightweight, flexible and easy to handle.

High compressive strength.
No additional compression layer required.

Compatible with all types of ceramic coverings, floor coverings and natural stone.

Technical data

Weight/m² (g): 580

Width (m): 2

Length (m): 10

Made from recycled products

Impact sound reduction up to 20 dB



Manufacturer

Estil Guru S.L.U

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Product

Ref.	Description	Dimensions (m)
IU70001	G-Sound Premium roll	2 x 10

Test table:

Features	Value			
Composition of upper fibre fleece layer	PP/PES			
Composition of lower membrane layer	PP			
Colour	GREY			
Membrane thickness	2,5			
Weight	0,580kg/m ²			
Impact noise reduction	19,8 Db			
Tear resistance L/T	> 7/7 kN/m			
Elongation	>25%			
Crack-bridging capacity	≥3mm			
Adhesion of C2 tile adhesive to membrane after 28 days (14 days under laboratory conditions + 14 days at 70°C)				
Test	EN 1348	N/mm²	-	≥0,7
Tensile adhesion	EN 1324	N/mm²	-	≥1
Service temperature	-30°C / +80°C			

Installation accessories:

IGU6400 | W-S MASTIC

W-S MASTIC. MS polymer adhesive sealant for bonding and waterproofing membranes to each other or at terminations to other building elements.

IG61000 | W-S BAND

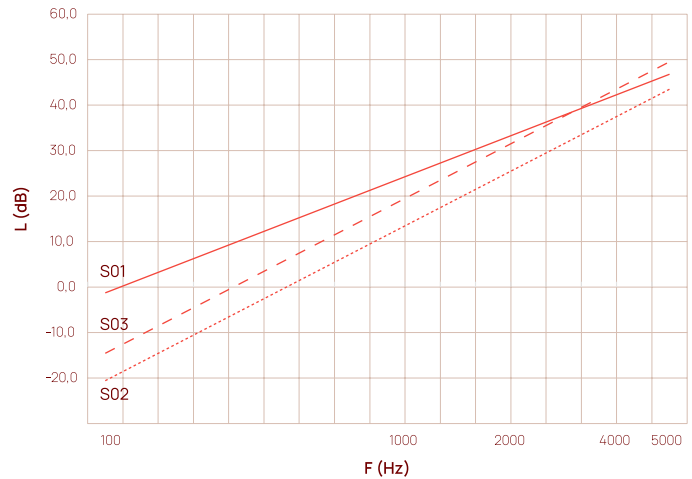
W-S BAND. Joint-cover strip: WATER-STOP membrane strip for covering joints between membranes, preventing acoustic bridges and providing waterproofing.

Tests carried out:

Calculations according to UNE-EN ISO 12354-2: 2018

Reduction in impact sound pressure level ΔL as floating floor:

F (Hz)	ΔL (dB)			F (Hz)	ΔL (dB)		
	S01	S02	S03		S01	S02	S03
100	-4,2	-24,4	-18,4	800	22,9	11,7	17,7
125	-1,3	-20,6	-14,6	1000	25,8	15,6	21,6
160	-2,0	-16,3	-10,3	1250	28,7	19,4	25,4
200	-4,9	-12,4	-6,4	1600	32,0	23,7	29,7
250	7,8	-8,5	-2,5	2000	34,9	27,6	33,6
315	10,8	-4,5	-1,5	2500	37,8	31,5	37,5
400	13,9	-0,4	-5,7	3150	40,8	35,5	41,5
500	16,8	-3,5	9,5	4000	43,9	39,6	45,7
630	19,8	7,5	13,5	5000	46,9	43,5	49,5



Reduction in impact sound pressure level ΔL as floating floor:

S01: Floating mortar screed	ΔL_w (dB) 19,8	m' (kg/m²): 220	f_0 (Hz): 138
S02: Dry floating floor (gypsum plasterboard)	ΔL_w (dB) 11,6	m' (kg/m²): 25	f_0 (Hz): 409
S03: Dry floating floor (wood)	ΔL_w (dB) 11,5	m' (kg/m²): 50	f_0 (Hz): 289

Impact sound reduction: **19,8 dB**