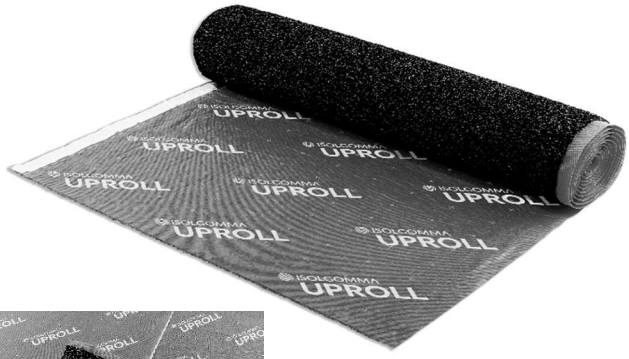
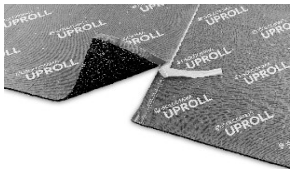
UPROLL
UNDER SCREED ACOUSTIC INSULATION

UNDER SCREED

IMPACT NOISE ACOUSTIC INSULATION WITH HIGH ACOUSTIC PERFORMANCE AND MECHANICAL STABILITY, MADE IN ROLLS WITH SBR RUBBER GRANULES



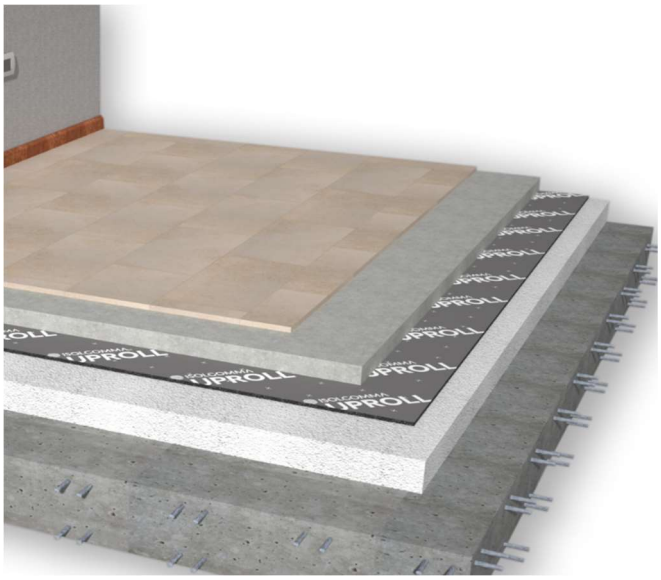


Self-adhesive side band for joining the mats

CAM VOC FREE

TECHNICAL SPECIFICATION

9 mm acoustic insulation rolls, made of SBR (Stirene Butadiene Rubber) fibres and granules rubber, compacted using a latex binder in a hot process. A grey synthetic non woven anti-stretch backing is applied on one side. The dimensions of the roll are: 500 cm lenght, 104 cm width including 4 cm adhesive side border for rolls overlapping during installation. The total mass surface is 3,10 kg/m^2. Impact sound pressure level attenuation 24 dB, reaction to fire E, thermal conductivity coefficient 0,096 W/m K. Recycled content 90%.



CERTIFIED ACOUSTIC IMPROVEMENT

Designed and created for the acoustic insulation of floors with floating or heated floor, even in a very low thickness

FLEXIBILITY

Designed to be used even in critical site situations, where limited spaces and contemporary interventions can be present

LAYING COSTS REDUCTION

Equipped with printed TNT to facilitate measuring and cutting activities. A special adhesive stick facilitates the junction between the mats

TO BE USED WITH

Under screed acoustic insulation for massive slabs where a high impact noise performance is required and low intervention thickness is present. Also suitable where radiant systems are present

TECHNICAL DATA

Thickness	9 mm
Length	5,00 m
Width (including 4 cm overlapping band)	1,04 m
Mass per unit area	3,10 kg/m^2
Recycled content	90%

Dynamic stiffness s'	11 MN/m^3
Compressibility c	1,7 mm
Impact sound pressure level attenuation ΔLw	24 dB
Reaction to fire	E
Thermal conductivity coefficient λ	0,096 W/m K

ISOLGOMMA SILENCE MAKERS

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INSTALLATION INSTRUCTIONS FOR UPROLL

1 Apply the adhesive strip to the wall and floor with particular attention in the corners

2 Install the acoustic mat with rubber granules facing down

3 Joint two adjacent mats using the pre-built adhesive tape and following the dashed lines

4 Build the screed

5 Install the floor finishing (ceramic or wood)

6 Cut the exceeding part of the edging strip

ACOUSTIC CERTIFICATES
Product acoustic certificates are available and allow to comply with the limits imposed by law

INSTALLATION TEST
Acoustic performances of the intervention can be tested on site by a competent technician

ACOUSTIC REPORT
Our technical staff is able to give you the proper support in all the project phases, supporting you in the identification of materials

LAYING ASSISTANCE
Thanks to our extensive commercial technicians network, we are at your disposal for the coordination of the first laying phases on site

SEE THE REFERENCES > VISIT THE WEBSITE

CONTACT THE TECHNICAL DEPARTMENT FOR MORE INFORMATION

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PHYSICAL AND MECHANICAL CHARACTERISTICS OF THE PRODUCT

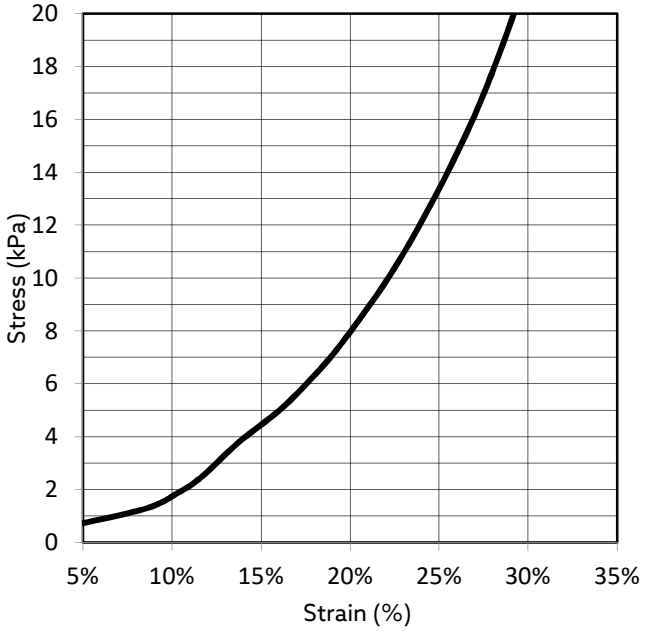
PHYSICAL CHARACTERISTICS

Thickness	EN 12431	mm	9	± 10%
Length	EN 822	m	5,00	-0 /+3%
Width (including 4 cm overlapping band)	EN 822	m	1,04	± 0,8%
Mass per unit area	EN 1602	kg/m²	3,10	± 10%

TECHNICAL CHARACTERISTICS

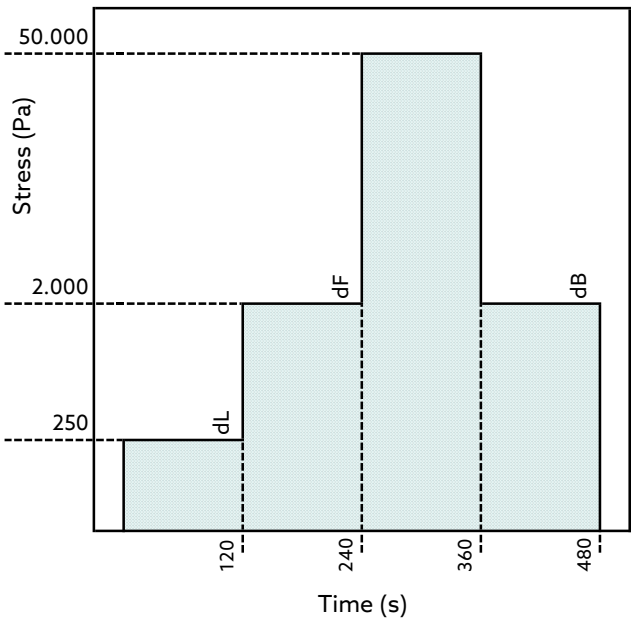
Compressibility c	EN 12431	mm	1,7
Creep deformation at time Xct - 10 years	EN 1606	mm	1,1
Strain at time ε_t - 10 years	EN 1606		25%
Thermal conductivity coefficient λ	EN 12667	W /m K	0,096
Water vapour diffusion resistance factor μ	EN 12086		10
Water vapour trasmission Sd	EN 12086	m	0,05
Reaction to fire	EN 13501-1		E
Maximum traffic load		kg/m²	≤ 3.000

COMPRESSION BEHAVIOR



Stress at 10%	σ_{10}			
EN 826	kPa	≥ 1,87	± 10%	

THICKNESS AND COMPRESSIBILITY



Thickness		dL	dF	dB	
EN 12431	mm	9,5	8,4	7,9	± 10%

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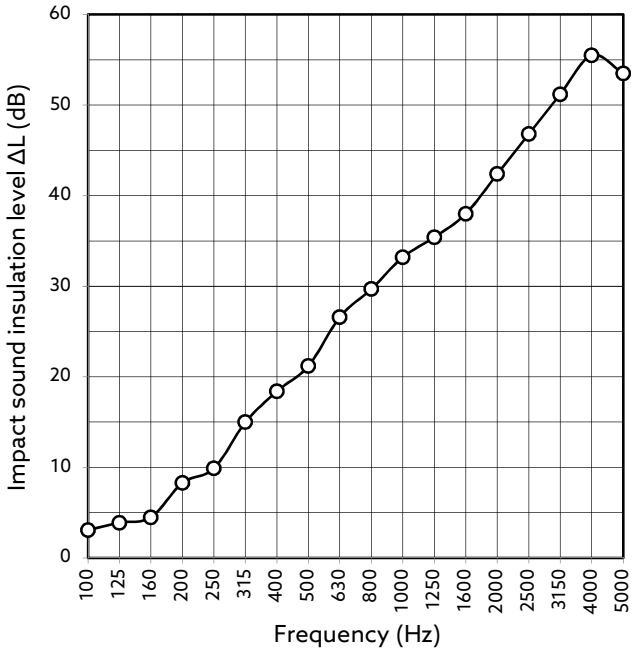
ACOUSTIC CHARACTERISTICS OF THE PRODUCT

DYNAMIC STIFFNESS

UNI EN 29052-1 **s' = 11 MN/m³**

Test Report Istituto Giordano n. 381963

IMPACT SOUND PRESSURE LEVEL ATTENUATION ON REFERENCE STANDARD FLOOR



Frequency Hz	ΔL dB
100	3,1
125	3,9
160	4,5
200	8,3
250	9,9
315	15,0
400	18,4
500	21,2
630	26,6
800	29,7
1000	33,2
1250	35,4
1600	38,0
2000	42,4
2500	46,8
3150	51,2
4000	55,5
5000	53,5

EN ISO 10140-3 Laboratory measurement of the acoustic insulation of building elements. Impact sound insulation measurement

Evaluation index of the reduction of
standardized level of impact noise EN ISO 717-2:

ΔLw ≥ 24 dB

Test description:
- 150 mm reinforced concrete floor
- Uproll
- 50 mm sand-cement screed

Test Report Istituto Giordano n. 381699