

# GRANULO

## RESILIENT GRANULAR RUBBER SOUNDPROOFING PROFILE

### ANTI-VIBRATION

The thermal-bound rubber granules dampen vibrations and insulate footstep noise.

### WALL BARRIER

Resilient strip to decouple vertical walls from floors.

### 100% RECYCLABLE

Resistance to chemical interaction, it maintains its characteristics over time and is 100% recyclable.



## CODES AND DIMENSIONS

### GRANULO STRIPE

code	B [mm]	L [m]	s [mm]	pcs.
GRANULO100	100	15	4,0	1

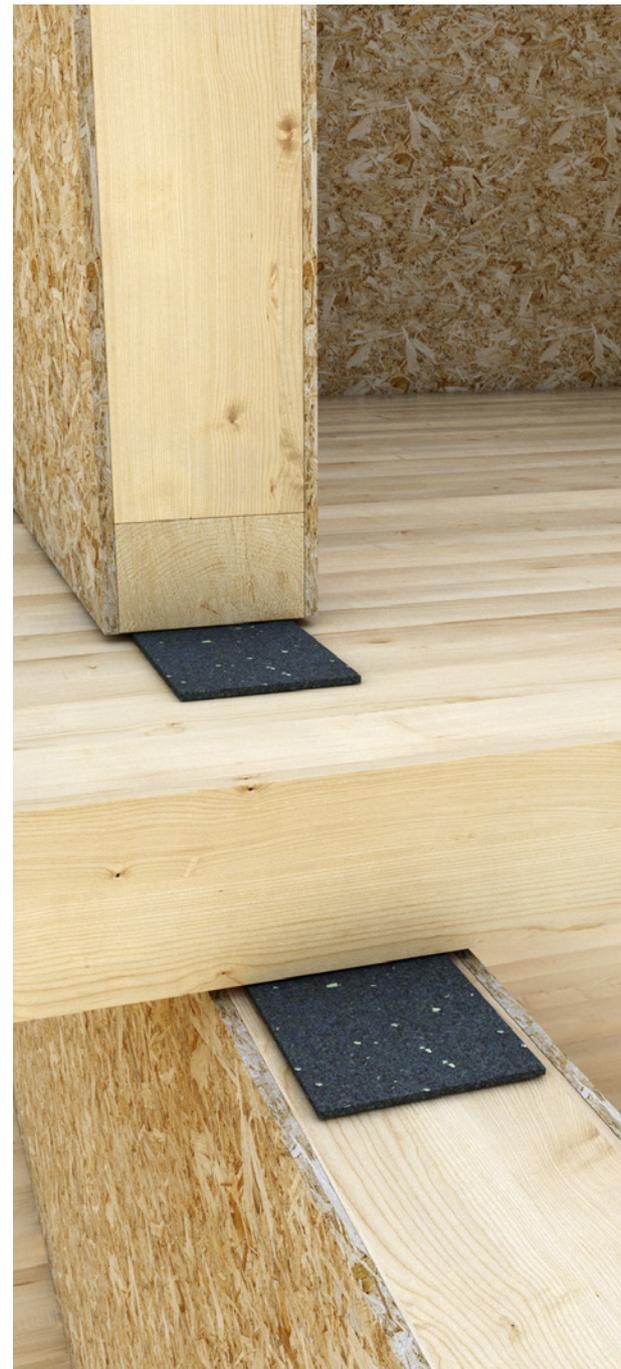
### GRANULO UNDERSTRUCTURE

code	former code	B [mm]	L [m]	s [mm]	pcs.
GRANULOPAD	NAG808010	80	0,08	10,0	20
GRANULOROLL	FE010350	80	6	8,0	1
GRANULOMAT	FE010355	1250	10	6,0	1

## TECHNICAL SPECIFICATIONS

Property	Standard	Value
Hardness	-	50 shore A
Density	-	750 kg/m <sup>3</sup>
Apparent dynamic stiffness s't	ISO 29052-1	66 MN/m <sup>3</sup>
Theoretical estimate of footstep attenuation level $\Delta L_w$ <sup>(1)</sup>	ISO 12354-2	22,6 dB
System resonance frequency $f_0$ <sup>(1)</sup>	ISO 12354-2	116,3 Hz
Deformation force under compression		
10% deformation	-	21 kPa
25% deformation	-	145 kPa
Elongation at break point	-	27 %
Thermal conductivity $\lambda$	UNI EN 12667	0,033 W/mK

NOTE: <sup>(1)</sup> The load considered is  $m'=125 \text{ kg/m}^2$  when used as underscreed foil.



## MULTIFUNCTIONAL

Also available in other formats, ideal for use externally as structural foundations (PAD, ROLL and MAT).

## MATERIAL

Mix of natural and synthetic elastomers bound by polymerised polyurethane.