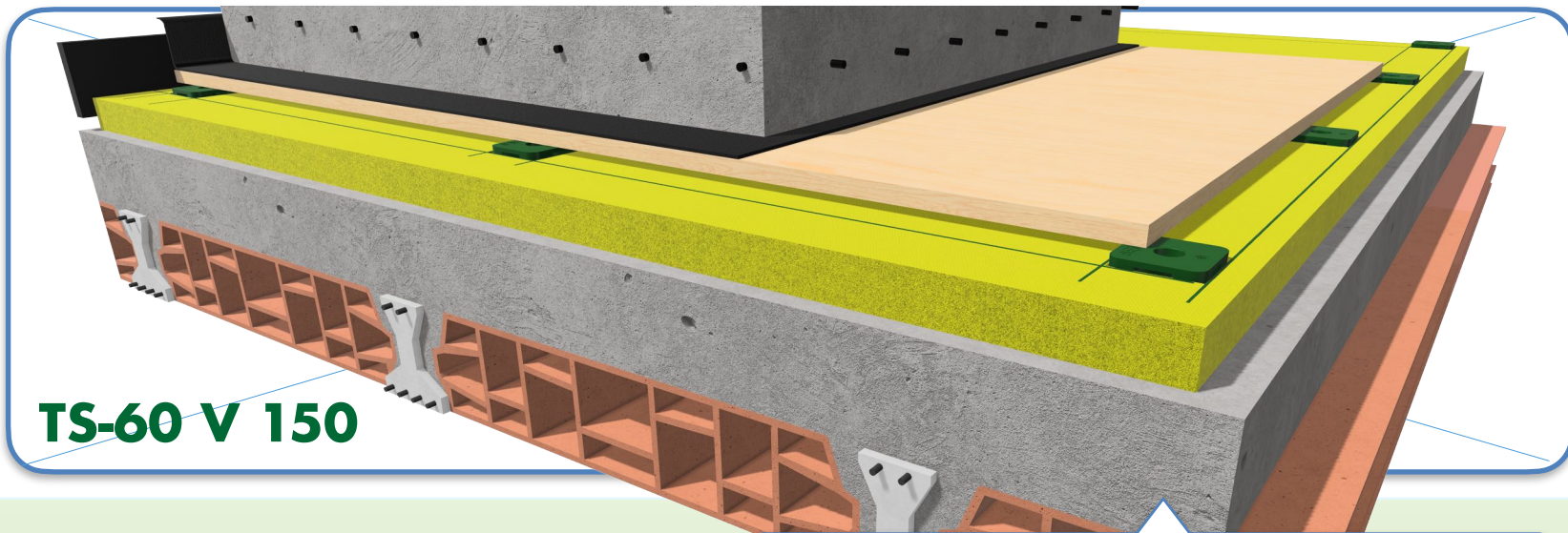
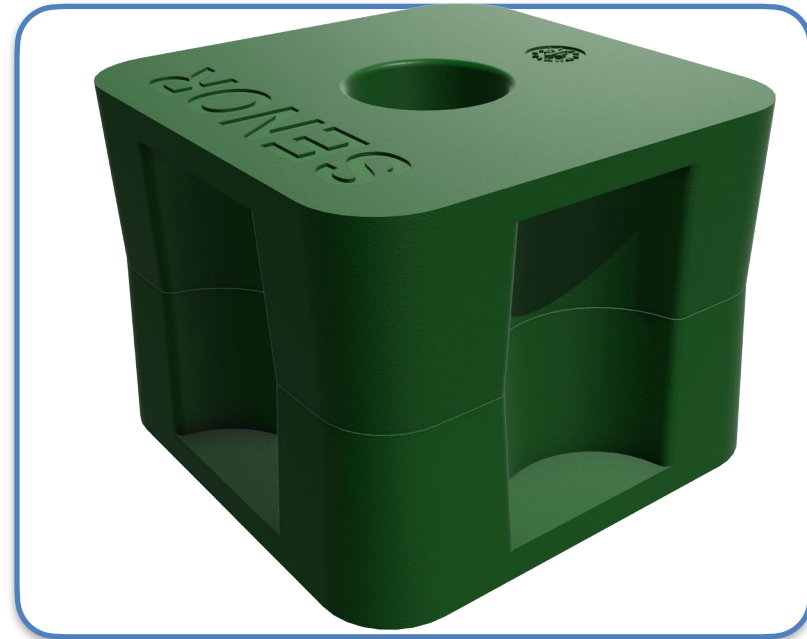


TS-60 V 150

RUBBER DAMPER WITH INCREASED HEIGHT FOR THE PRODUCTION OF ACOUSTIC RAISED FLOORS OR INERTIA BENCHES WITH ALREADY TESTED RESULTS.

It is a different and renewed, high-performance **RUBBER** shock absorber. Manufactured using the most advanced technology and designed to eradicate all solid-borne noise pollution.

SE-TS-60 V 150 has the same features as **TS-80**, only varies in its height. With its trapezoidal design and four indentations inwards forming an X-shape, exponentially improving its internal elasticity, providing greater performance in the acoustic field and favouring a perfect seating on the ground.



TS-60 V 150

Suggested use: fourth generation rubber damper recommended for raised access floors under reinforced concrete slabs. Its new composition has a higher damping factor than standard polymers (Polyurethane, polystyrene, EPDM, etc..).

REF.	COLOUR	THICKNESS (mm)	USES	LOAD (Kg) MIN-MAX	PACKING (Units)
SE-TS-60 V 150		60	Acoustic Floors	35 - 200	25

SCAN ME



I+D+i

*This product has been registered in the **Spanish Patents and Trademarks Office**

Quality of the polymer:

● Polymer: **KRAIBURG-TPE - TC4/GPN** (tested according to the Standard **UNE-EN ISO 10846-1:2009**).

✓ Resonance frequency: **7-15 Hz**.

✓ Recommended load range: **35 Kg - 200Kg**.

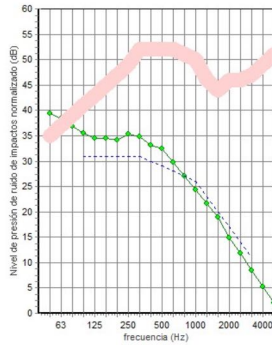
Predicción del aislamiento acústico (v9.0.23)

Program copyright Marshall Day Acoustics 2017
Margin of error is generally within Ln,w ± 5 dB
Key No: 5719
Job Name:
Date: 27/07/2022
File Name: ensayo a ruido de IMPACTO.dbl

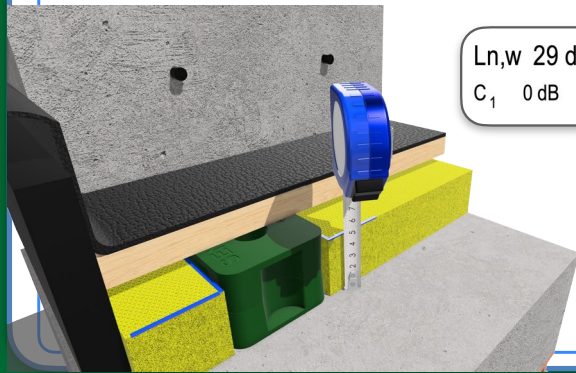


Notes:

Tamaño del panel 2,4x2,4 m



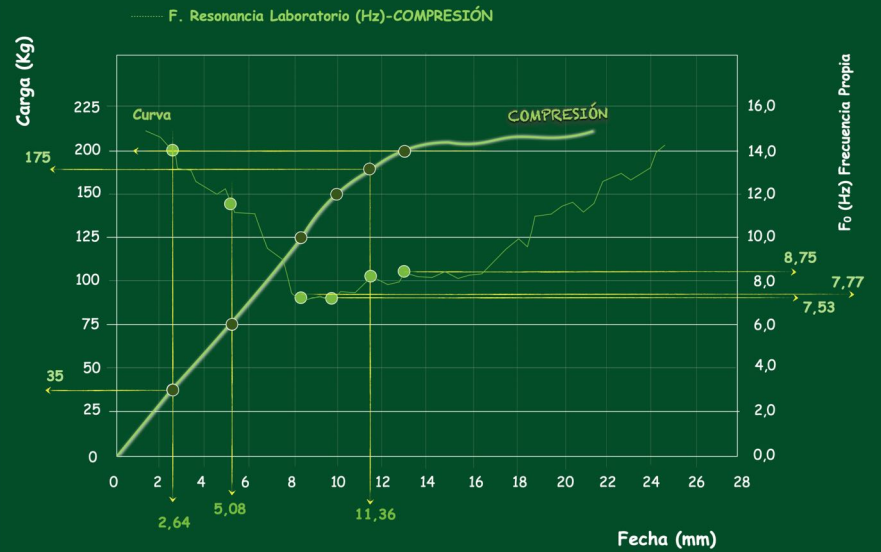
frecuencia (Hz)	Ln(dB)	Ln(dB)
50	39	
63	38	43
80	37	
100	36	
125	34	40
160	34	
200	34	
250	35	40
315	35	
400	33	
500	32	37
630	30	
800	27	
1000	24	30
1250	22	
1600	19	
2000	15	21
2500	12	
3150	8	
4000	5	11
5000	2	



Ln,w 29 dB
C₁ 0 dB

Laboratory test UNE-EN ISO 10846-1:2009

GRAFICO CARGA FLECHA ESTÁTICO



Axial compression results

LOAD (Kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROFING LEVEL (%)	
35	2,64	14,00	25	50	54,31	91,49
75	5,08	11,85	25	50	71,02	94,05
125	8,26	7,77	25	50	89,31	97,53
150	9,86	7,53	25	50	90,02	97,68
175	11,36	8,25	25	50	87,78	97,20
200	12,94	8,75	25	50	86,04	96,84



Data sheet

TC4GPN (GP/FG Series)

THERMOLAST® K

Product properties

Name TC4GPN

Series GP/FG

Colour / RAL DESIGN Natural

Mechanical properties

Hardness 39 +- 5 ShoreA DIN ISO 7619-1

Density 1.100 g/cm³ DIN EN ISO 1183-1

Tensile strength¹ 6.5 MPa DIN 53504/ISO 37

Elongation at break¹ 800 % DIN 53504/ISO 37

Tear resistance 14.0 N/mm ISO 34-1 Methode B (b)(Graves)

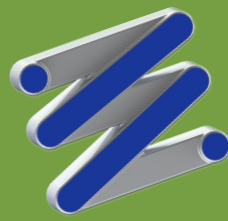
CS 72 h/23 °C 12 % DIN ISO 815-1 Method A

CS 24 h/70 °C 23 % DIN ISO 815-1 Method A

CS 24 h/100 °C 59 % DIN ISO 815-1 Method A

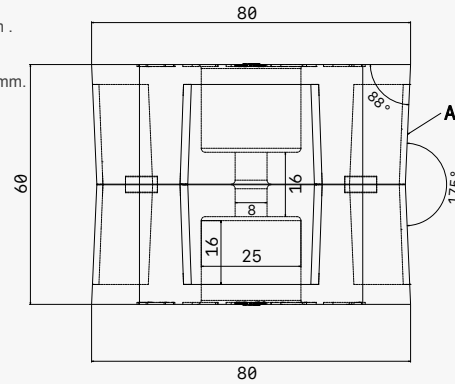
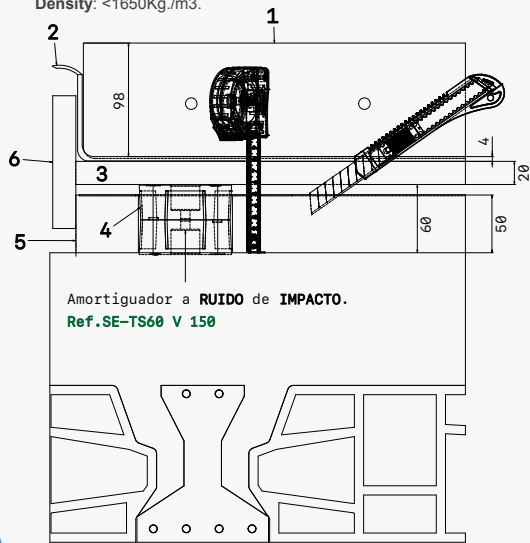
¹ Deviating from ISO 37 standard test piece S2 is tested with a traverse speed of 200 mm/min.

All values published in this data sheet are rounded average values.



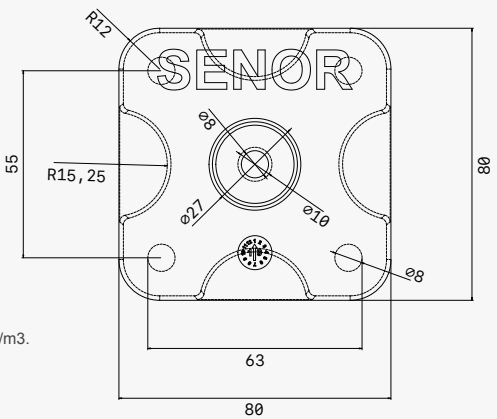
1°. Concrete slab HA-20 con malla 15x15x10 with a thickness of 10 cm .
Density: >2450Kg./m3.

2°. ViscoLAM-65 (acoustic membrane) with a thickness of 4 mm.
Density: <1650Kg./m3.



FRONT
VIEW

PLAN
VIEW



3°. DMF board with a thickness of 19 mm. Density:>650Kg./m3.

4°. SE-TS-60 V 150

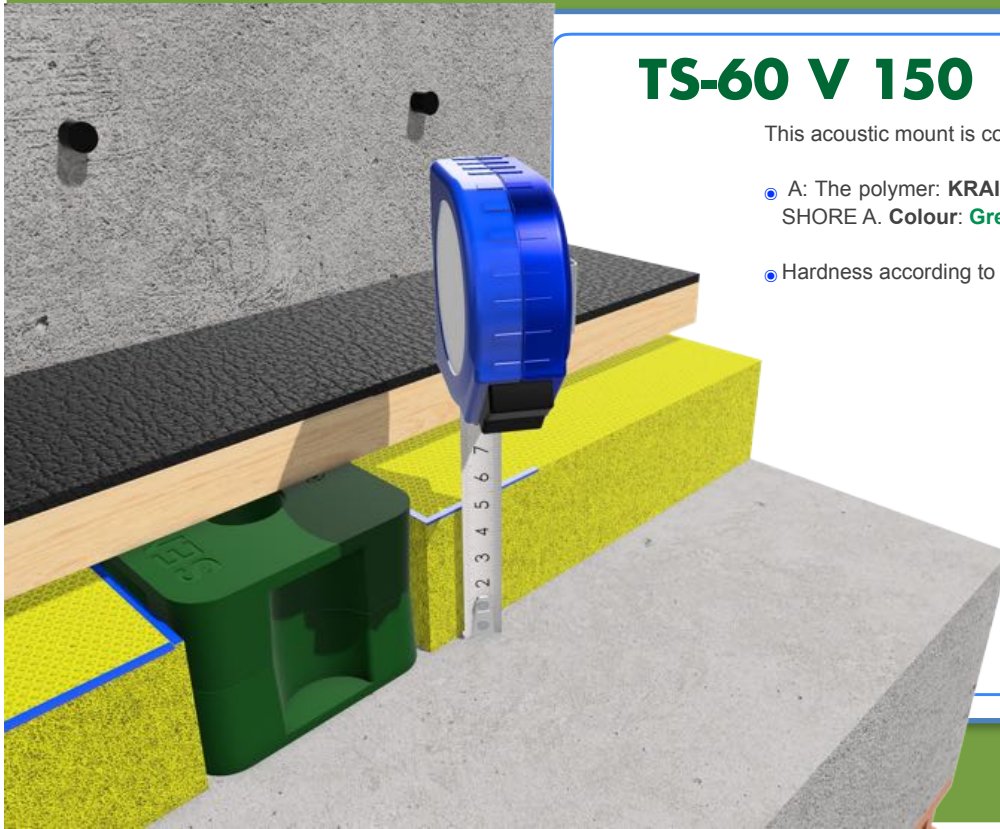
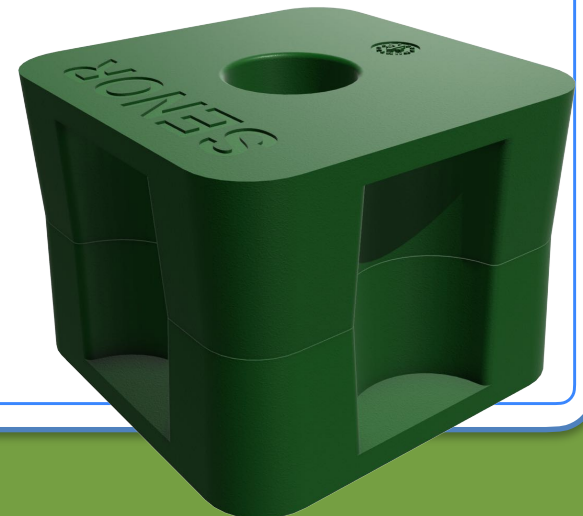
5°. Mineral wool (Arena APTA) with a thickness. Density < 30Kg./m3.

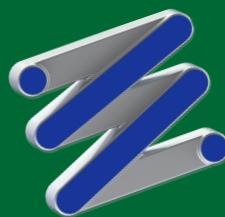
6°. Acoustic Band EPDM CR-130 type BEC-15x150

TS-60 V 150

This acoustic mount is composed of:

- A: The polymer: **KRAIBURG-TPE / TC4-GPN**. Hardness: 39+- 5° SHORE A. Colour: **Green**
- Hardness according to the Standard ISO 48-4 o DIN ISO 7619-1

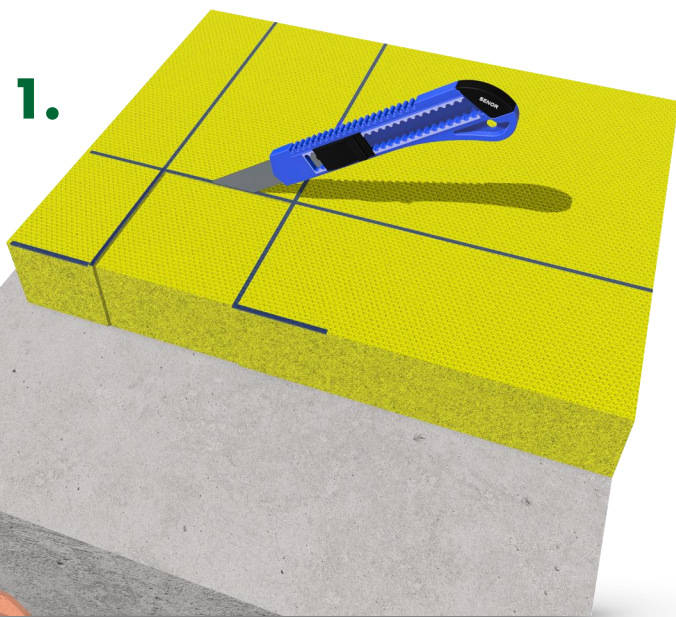




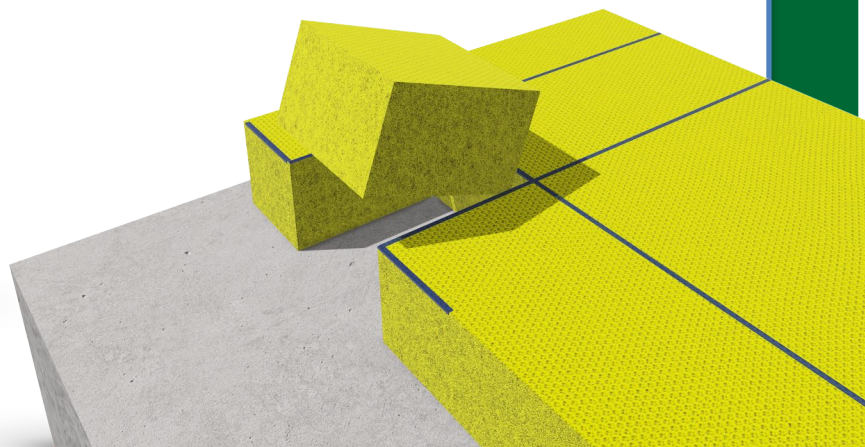
Ref. SE-TS-60 V 150

Installation

1.



2.



SCAN ME



3.

