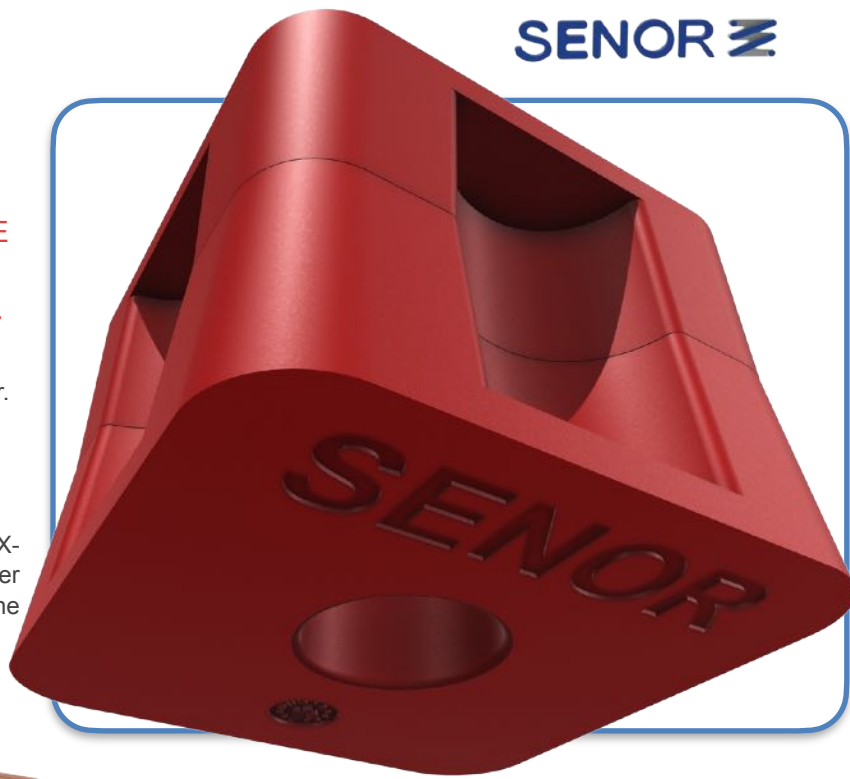


## TS-60 R 400

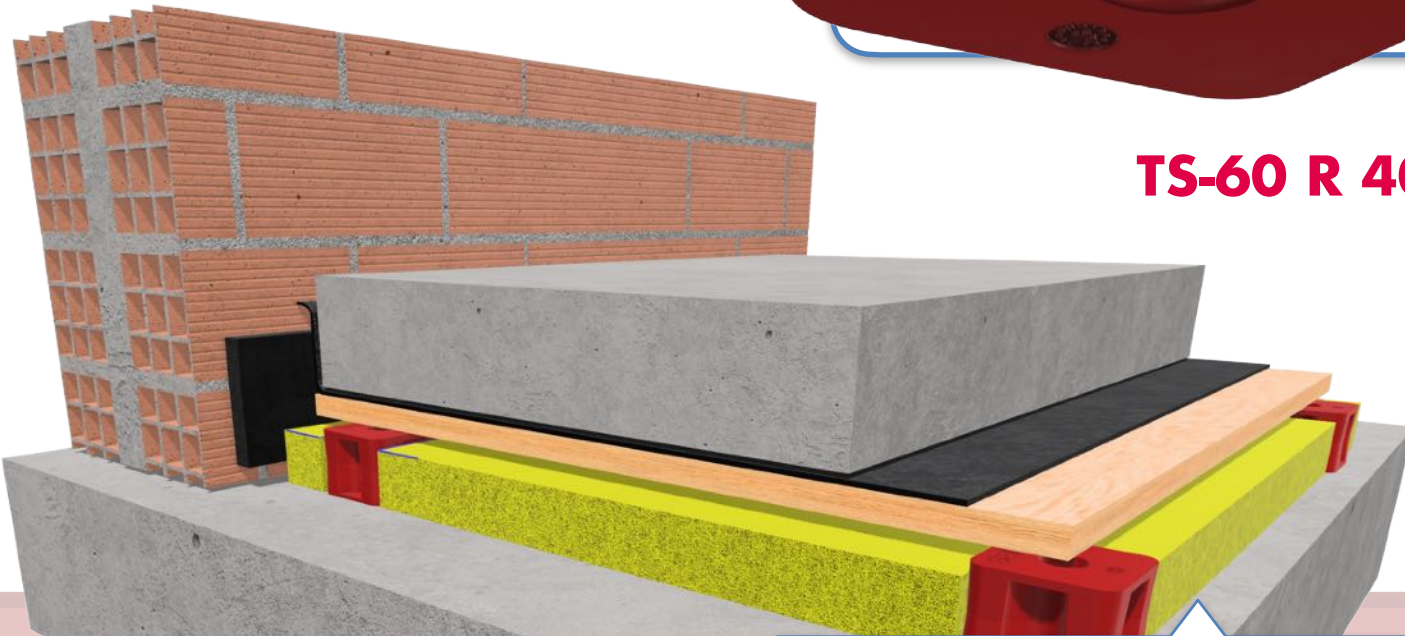
RUBBER DAMPER WITH INCREASED HEIGHT FOR THE PRODUCTION OF ACOUSTIC RAISED FLOORS OR INERTIA BENCHES WITH ALREADY TESTED RESULTS.

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 R 400** 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 R 400



**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 R 400		60	Acoustic Floors	270 - 400	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 - TC6-EXN** (tested according to the Standard **UNE-EN ISO 10846-1:2009**).

✓ Resonance frequency: **7-15 Hz**.

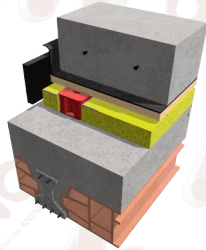
✓ Recommended load range: **270Kg - 400Kg**.

# Ref. SE-TS-60 R 400

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. 6719  
Job Name:  
Job No.:  
Date:07/06/2023  
File Name:INSUL\_TS-60 R-400.rtf



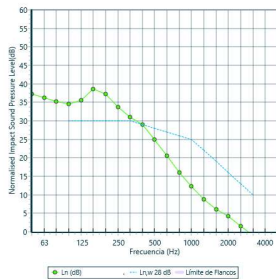
Ln,w 28 dB

Frecuencia de resonancia masa aire masa = 22 Hz  
Tamaño de Panel = 2.4 m x 2.4 m  
Partion surface mass = 172 kg/m²

System description

Panel 1 : 1 x 120 mm Homgipon (ρ=2340 kg/m³, E=110Pa, α=0.03, ps=251 kg/m², fs=249 Hz)  
+ 1 x 4 mm Lámina de Goma (Alta densidad) (ρ=1600 kg/m³, E=0,83GPa, α=0.01, ps=6,5 kg/m², fs=80874 Hz)  
+ 1 x 19 mm Aglomerado de Madera (Alta densidad) (ρ=560 kg/m³, E=0,83GPa, α=0.01, ps=18,2 kg/m², fs=2674 Hz)  
Entonador Amortiguador a ruido de impacto GOMA (Ø80mm x 60 mm ), Espacado entre sí 800 mm , Cavely Width 30 mm , 1 x Lana de vidrio, 45mm, URSA GLASSWOL  
Panel 2 : 1 x 200 mm Homgipon (ρ=2340 kg/m³, E=110Pa, α=0.03, ps=469 kg/m², fs=150 Hz)

freq. (Hz)	Ln(dB)	Ln(dB)
50	37	
63	36	41
80	35	
100	35	41
125	36	
160	39	
200	37	
250	34	40
315	31	
400	29	
500	25	31
630	21	
800	16	
1000	12	18
1250	9	
1600	6	
2000	4	9
2500	2	
3150	-1	
4000	-4	2
5000	-6	



## Laboratory test UNE-EN ISO 10846-1:2009

### GRÁFICO CARGA FLECHA ESTÁTICO



### Axial compression results

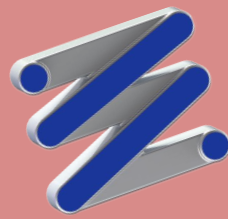
LOAD (Kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROFING LEVEL (%)	
			25	50		
275	10,02	9,50	25	50	83,12	96,25
300	11,24	9,25	25	50	84,14	96,46
325	12,12	8,05	25	50	88,43	97,34
350	13,56	7,90	25	50	88,91	97,44
375	14,32	8,30	25	50	87,61	97,17
400	16,02	9,25	25	50	84,14	96,46



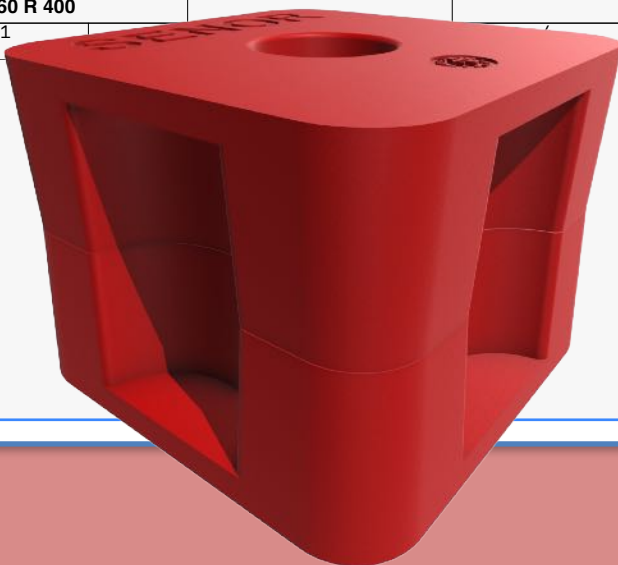
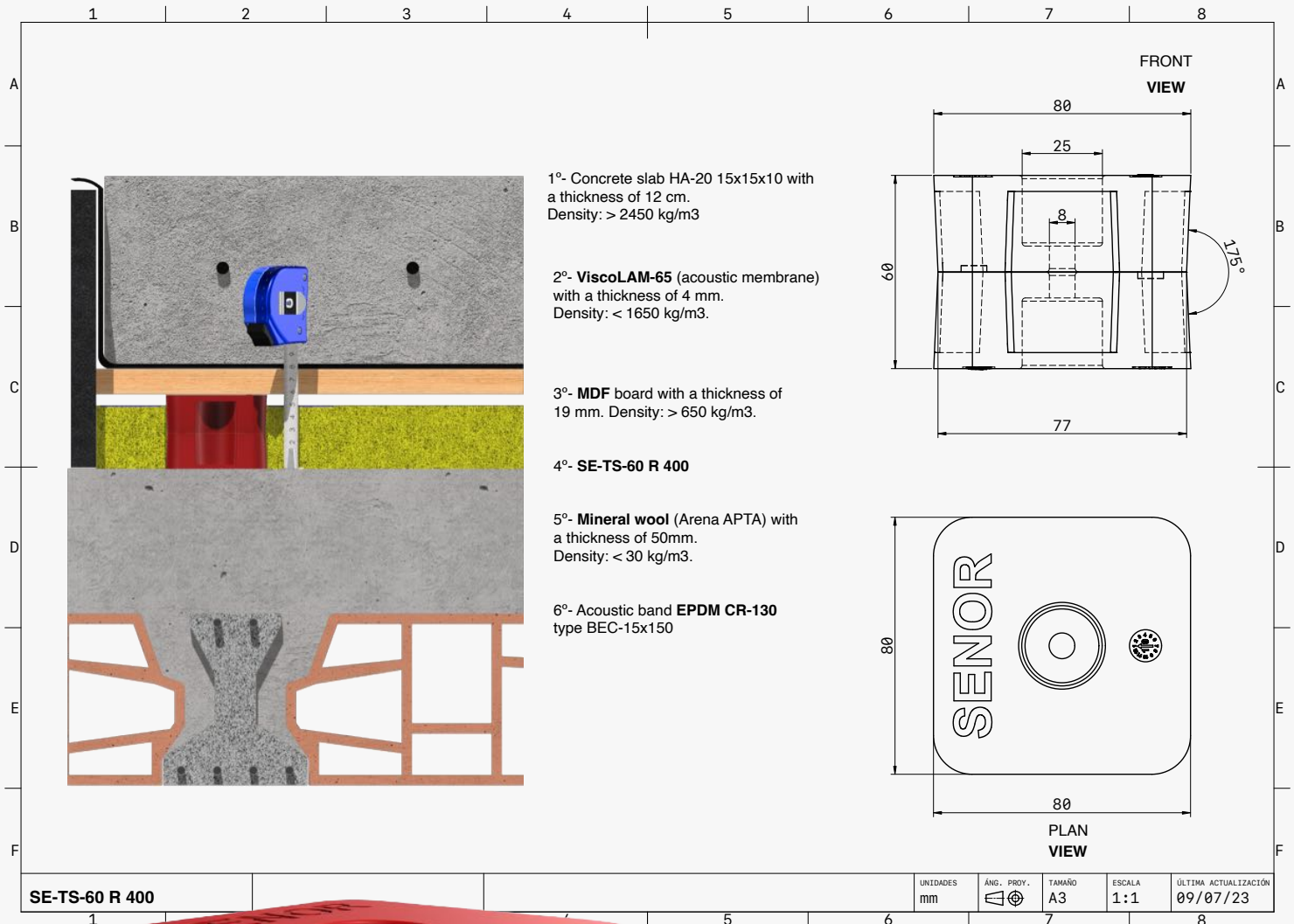
Datasheet

TC6EXN		THERMOLAST® K
<b>Product</b>		
Compound	TC6EXN	
Color / RAL	Rojo	
Processing	Extrusion, Injection	
<b>Mechanical</b>		
Hardne	58° + 5° Shore A	DIN ISO 7619-1
Density	1.190 g/cm³	DIN EN ISO 1183-1
Tensile Strength <sup>1</sup>	7.0 MPa	DIN 53504/ISO 37
Elongation at Break <sup>1</sup>	675 %	DIN 53504/ISO 37
Tear Resistance	19.0 N/mm	ISO 34-1 Methode B (b)

<sup>1</sup>Deviating from ISO 37 standard test piece S2 is tested with a traverse  
All values published in this data sheet are rounded average values.



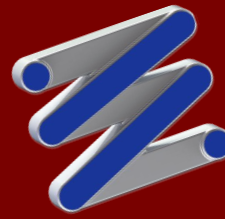
# Ref. SE-TS-60 R 400



## TS-60 R 400

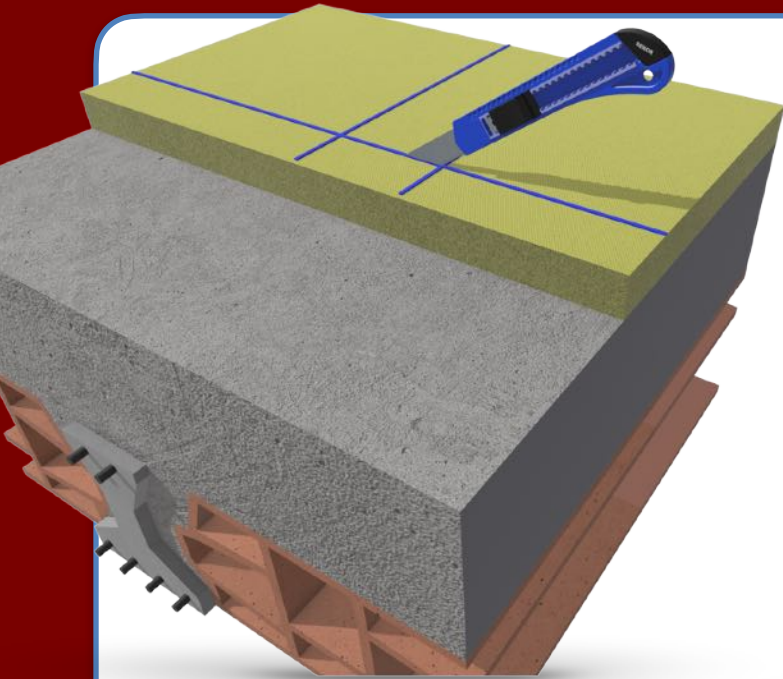
This acoustic mount is composed of:

- A: The polymer: **KRAIBURG-TPE - TC6-EXN**. Hardness: 58 +- 5° SHORE A. Colour: **Red**.
- Hardness according to the Standard **ISO 48-4** o **DIN ISO 7619-1**

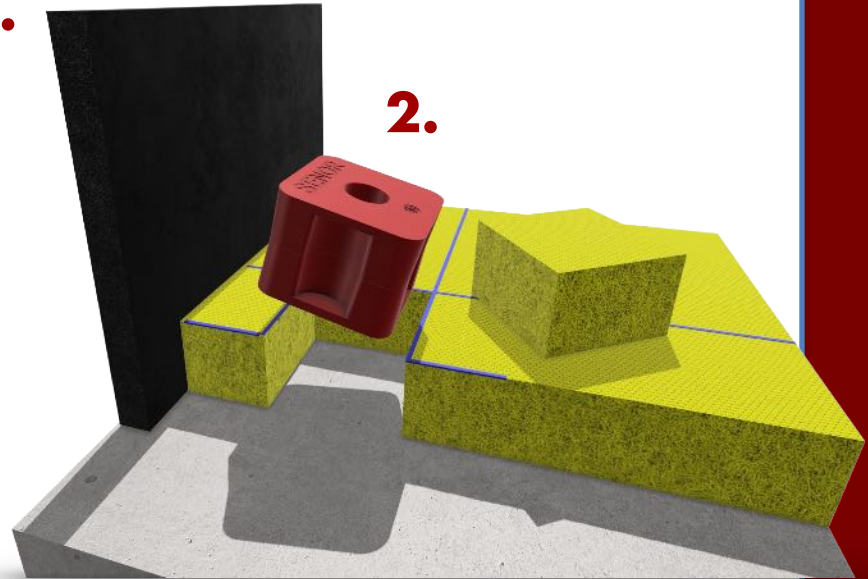


# Ref. SE-TS-60 R 400

## Installation



1.



2.



3.

