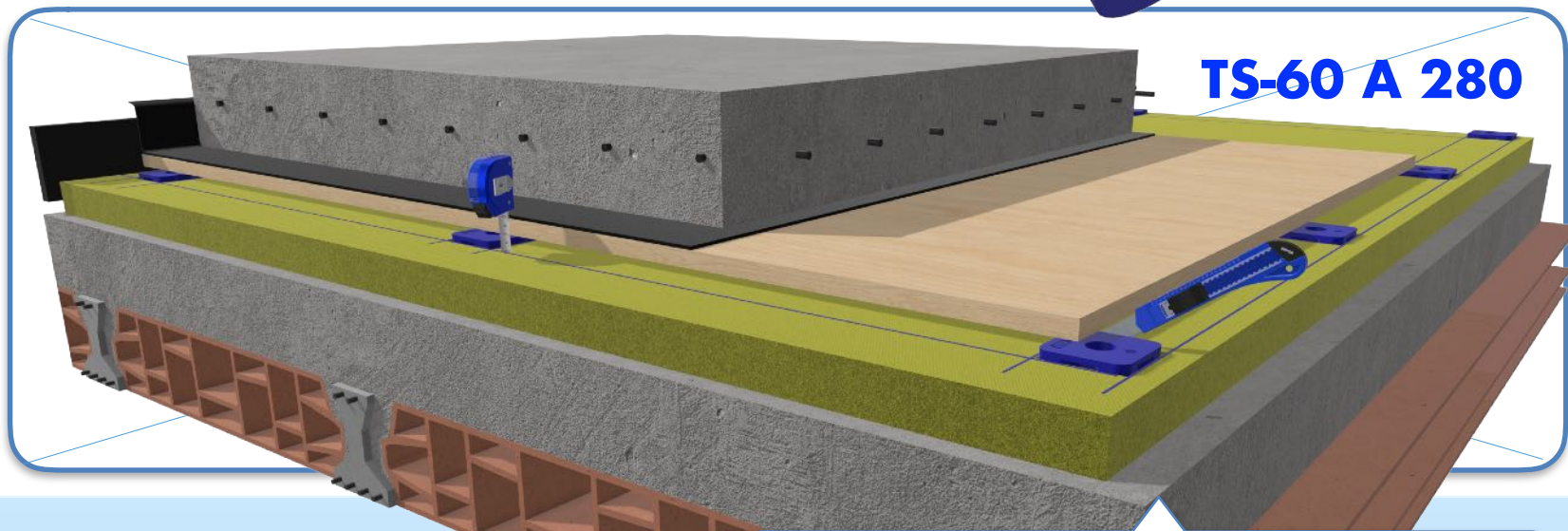
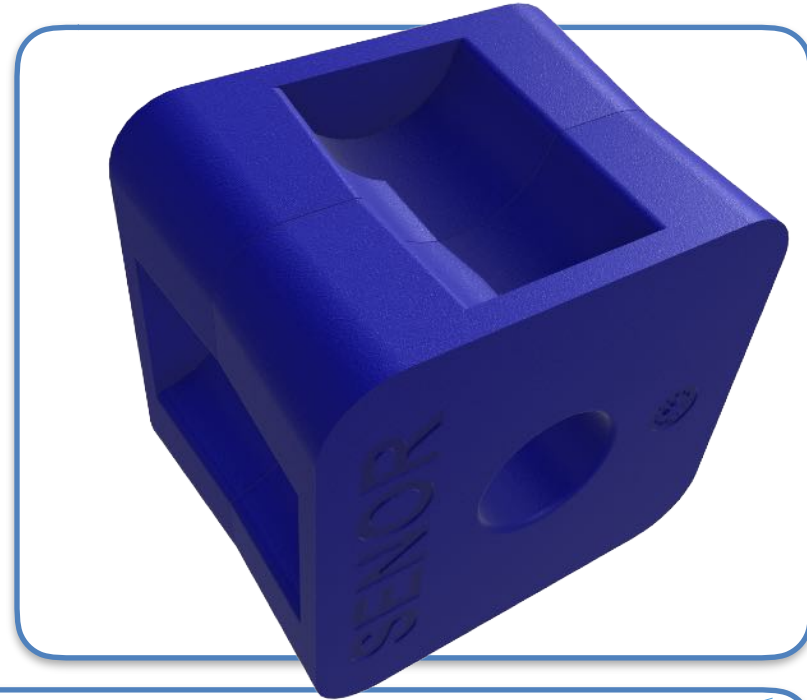


TS-60 A 280

HIGHER RUBBER MOUNT WITH RESTRAINT SYSTEM FOR ACOUSTIC FLOORS OR INERTIA BASES


This model is a **RUBBER** wall mount for acoustic floors devised to provide quality to any given acoustic system and to eradicate sound frequencies and vibrations.

The model **SE-TS-60 A 280** has the same features than the **TS-80** but with **more height**. It is designed in the shape of trapezium with **X** shaped base improving the elasticity of the system and proving an excellent performance in the soundproofing field.



TS-60 A 280

Suggested use: rubber mount for acoustic floors under concrete slab. This type of polymer has a better damping result than other rubbers such as polyurethane, polystyrene, EPDM, among others.

REF	COLOUR	THICKNESS (mm)	USES	LOAD (kg) MIN-MAX	PACKING (Units)
SE-TS-60 A 280		60	Acoustic floors	150 - 280	25

 SCAN ME



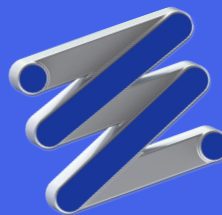
I+D+i

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

Quality of the polymer:

- Polymer: **KRAIBURG-TPE - TC5/EXN** (tested according to the Standard **UNE-EN ISO 10846-1:2009**).

- ✓ Resonance frequency: **7-15 Hz**.
- ✓ Recommended load range: **150 kg - 280 kg**.



Ref. SE-TS-60 A 280

Predicción de Impacto Sonoro (v8.0.1)

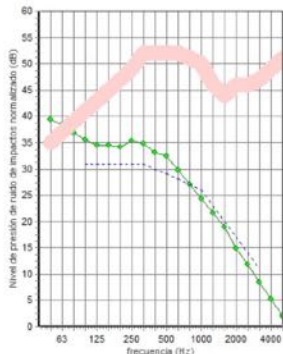
Derechos de autor del programa Marshall Day Acoustics 2014

- Key No. 6719

Margen de error de Predicción de Impacto Sonoro está generalmente entre $L_{n,w} \pm 5$ dB



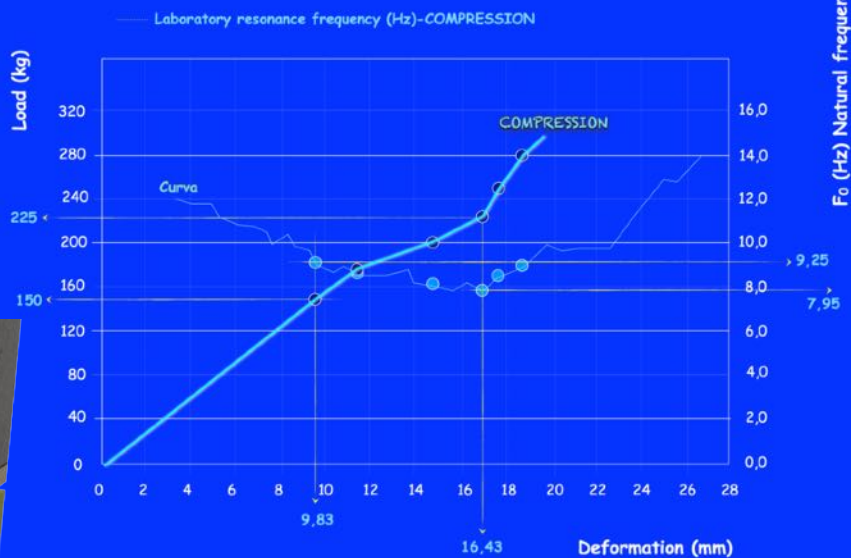
Tamaño del panel 2,4x2,4 m



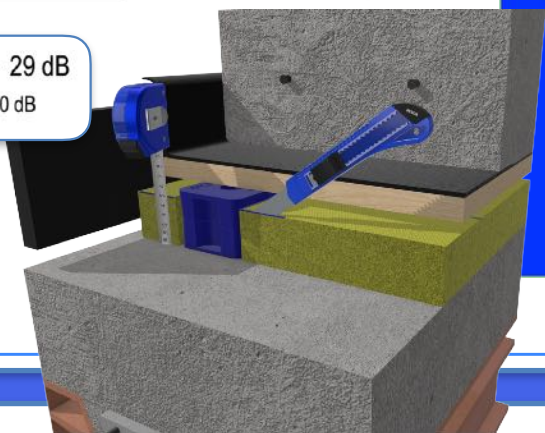
frecuencia (Hz)	Ln(dB)	Ln(dB)
50	39	
63	38	43
80	37	
100	36	
125	34	40
160	34	
200	34	
250	35	40
315	35	
400	33	
500	32	37
630	30	
800	27	
1000	24	30
1250	22	
1600	19	
2000	15	21
2500	12	
3150	8	
4000	5	11
5000	2	

Laboratory test UNE-EN ISO 10846-1:2009

STATIC LOAD DEFORMATION



$L_{n,w}$ 29 dB
 C_1 0 dB



Axial compression results

LOAD (kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROFING LEVEL (%)	
150	9,83	9,25	25	50	84,14	96,46
175	11,45	8,75	25	50	86,04	96,84
200	14,88	8,02	25	50	88,53	97,36
225	16,43	7,95	25	50	88,75	97,41
250	17,90	8,24	25	50	87,81	97,21
280	18,60	8,92	25	50	85,41	96,71



TCSEXN THERMOLAST® K

Products properties

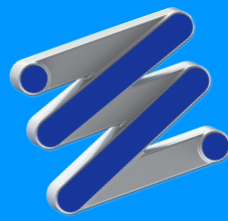
Name of the product	TCSEXN
Colour / RAL DESIGN	Blue
Processing method	Extrusion, Injection Molding

Mechanical properties

Hardness	46 +- Shore A	DIN ISO 7619-1
Density	1.176 g/cm ³	DIN EN ISO 1183-1
Tensile Strength ¹	6.3 MPa	DIN 53504/ISO 37
Elongation at Break ¹	825 %	DIN 53504/ISO 37

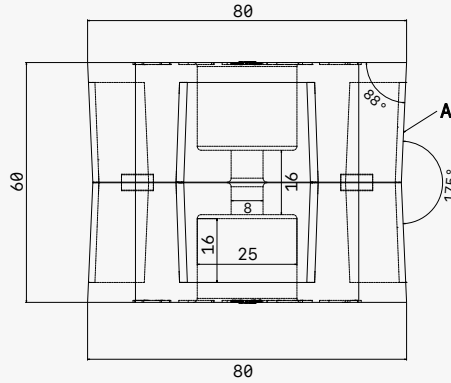
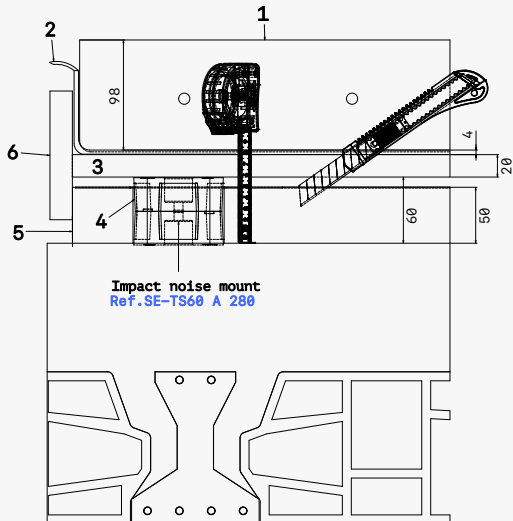
¹Deviating from ISO 37 standard test piece S2 is tested with a traverse speed of 200 mm/min.

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



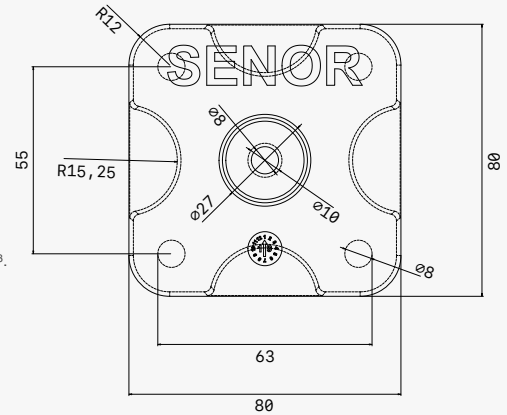
1°- Concrete slab HA-20 15x15x10 with a thickness of 10 cm.
Density: > 2450 kg/m³

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



FRONT
VIEW

PLAN
VIEW



3°- MDF board with a thickness of 19 mm. Density: > 650 kg/m³.

4°- SE-TS-60 A 280

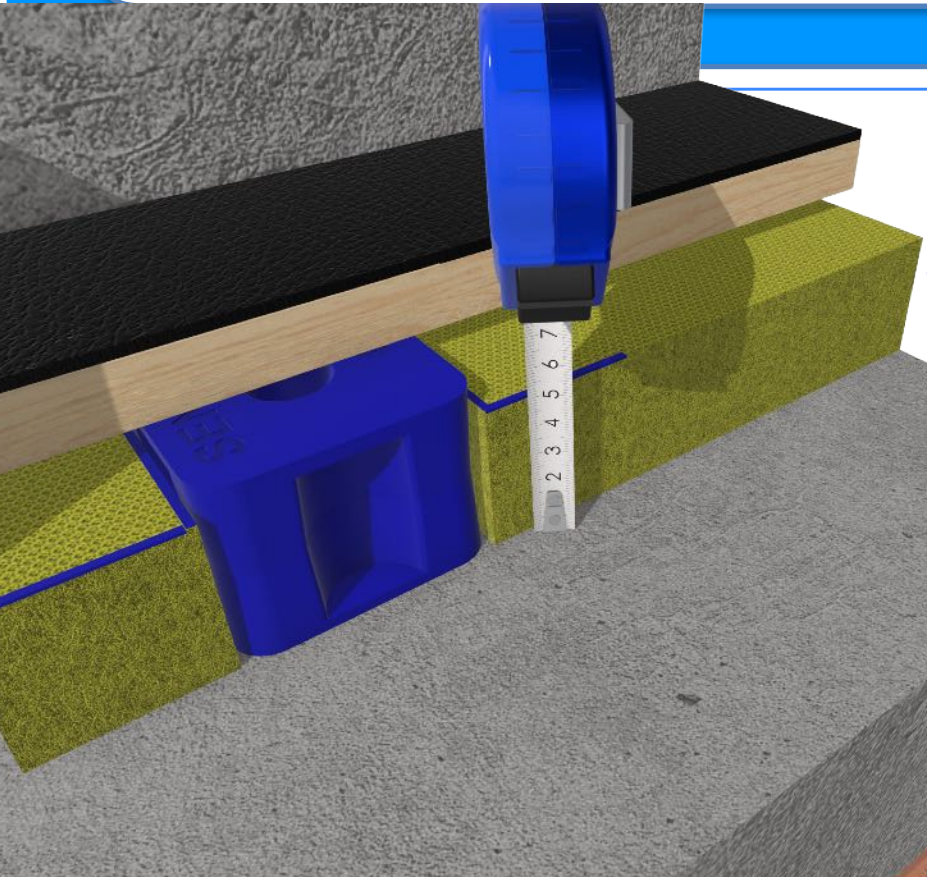
5°- Mineral wool (Arena APTA) with a thickness of 50 mm.
Density: < 30 kg/m³.

6°- Acoustic band EPDM CR-130 type BEC-15x150

MATERIALS

This acoustic mount is composed of:

- A: The polymer: **KRAIBURG-TPE / TC5EXN**. Hardness: 45 +- 5° SHORE A. Colour: **Blue**. Hardness according to the Standard ISO 48-4 o DIN ISO 7619-1



Ref. SE-TS-60 A 280

Installation

