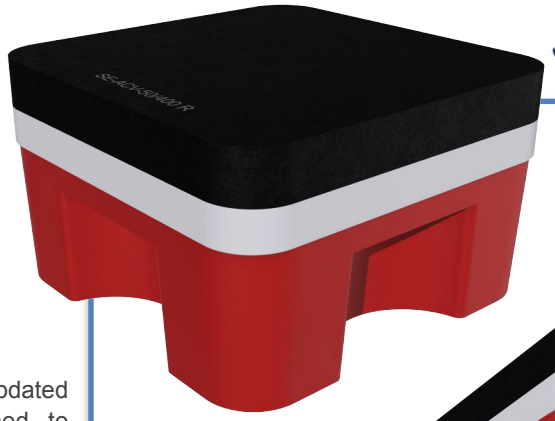
SENOR

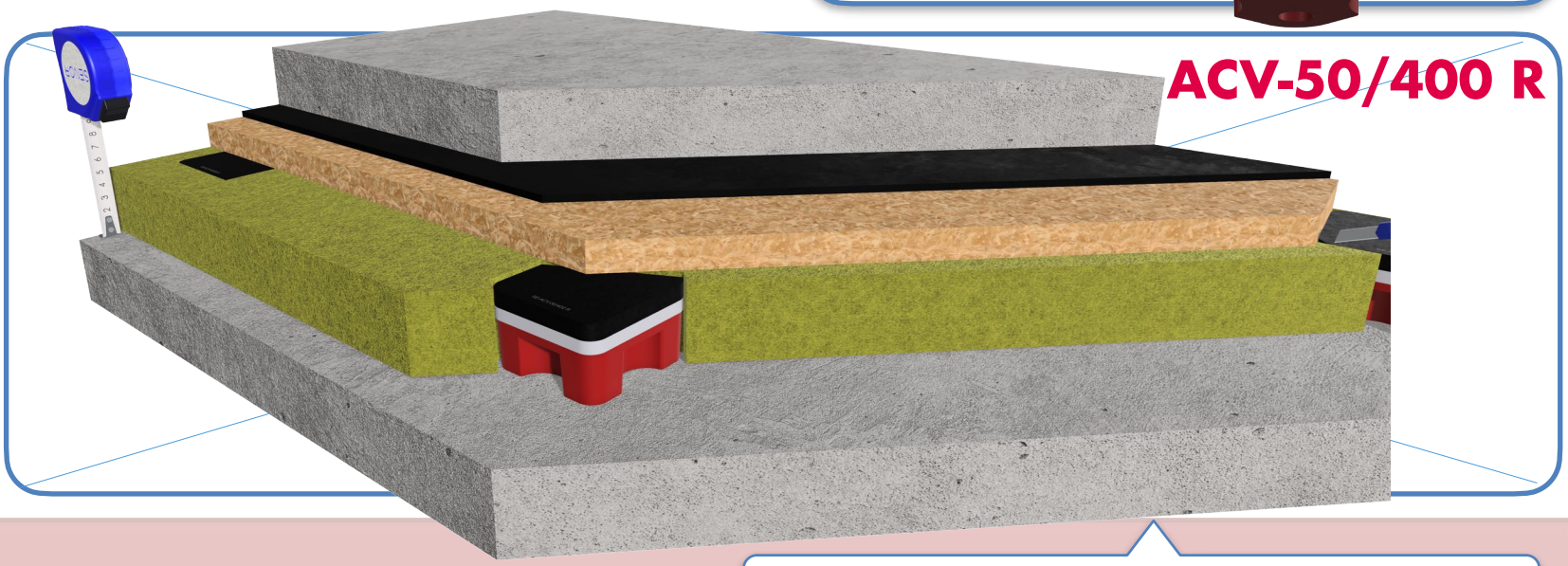
ACV-50/400 R

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



It is a high-performance **RUBBER** damper, with a unique and updated design. Manufactured using advanced technology and designed to eliminate all structure-borne noise.

The **SE-ACV-50/400R** includes a PATENTED restraint system (two protrusions in its base) which limits the movement making sure the grip to the floor. 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.



REF	COLOUR	THICKNESS (mm)	USE	LOAD (Kg) MIN-MAX	PACKING (Uds)
SE-ACV-50/400 R		50	Suelos Acústicos	270 - 400	30

Recommended USE: Fourth-generation rubber damper recommended for technical floors under concrete slabs. Its new composition offers a higher damping factor than standard polymers (polyurethane, polystyrene, EPDM, among others.

I+D+i

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

✓ Resonance frequency: **7-15 Hz**.

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

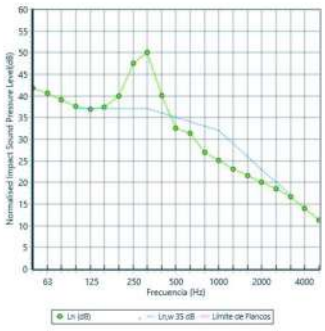
Ref. SE-ACV-50/400 R

Predicción del aislamiento acústico (v9.0.23)

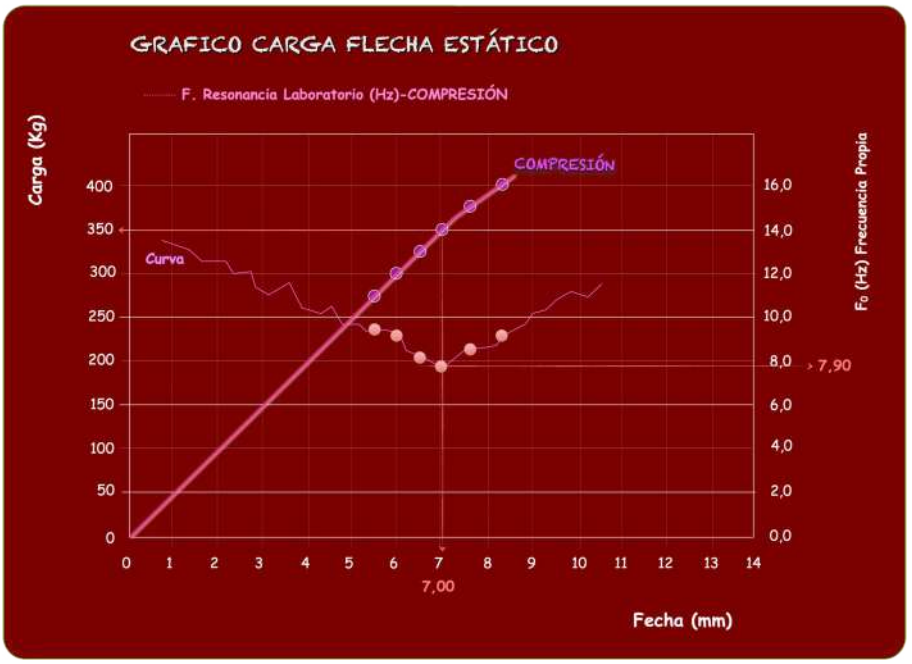
INSUL

Laboratory test UNE-EN ISO 10846-1:2009

frec. (Hz(	Ln(dB)	Ln(dB)
50	42	
63	41	45
80	39	
100	38	
125	37	42
160	37	
200	40	
250	48	52
315	50	
400	40	
500	33	41
630	31	
800	27	
1000	25	30
1250	23	
1600	22	
2000	20	25
2500	19	
3150	17	
4000	14	19
5000	11	



Ln,w 35 dB



Axial compression results

LOAD (Kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROFING LEVEL (%)	
275	5,51	9,50	25	50	83,12	96,25
300	6,02	9,25	25	50	84,14	96,46
325	6,56	8,05	25	50	88,43	97,34
350	7,05	7,90	25	50	88,91	97,44
375	7,56	8,30	25	50	87,61	97,17
400	8,22	9,25	25	50	84,14	96,46

KRAIBURG TPE

Datasheet

TC6EXN | THERMOLAST® K

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

[1]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-ACV-50/400 R

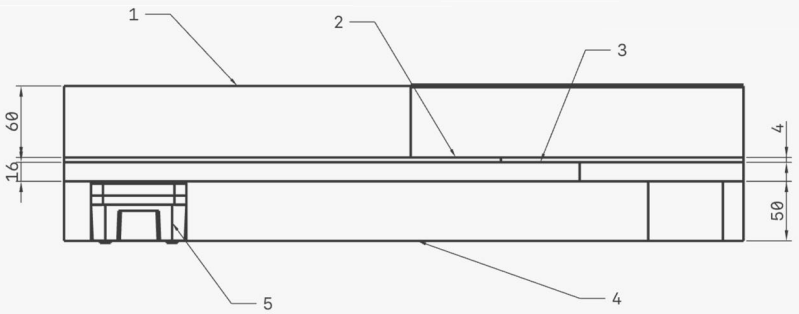
1º- Concrete slab HA-20 15x15x10 with a thickness of 6 cm.
Density: > 2450 kg/m3.

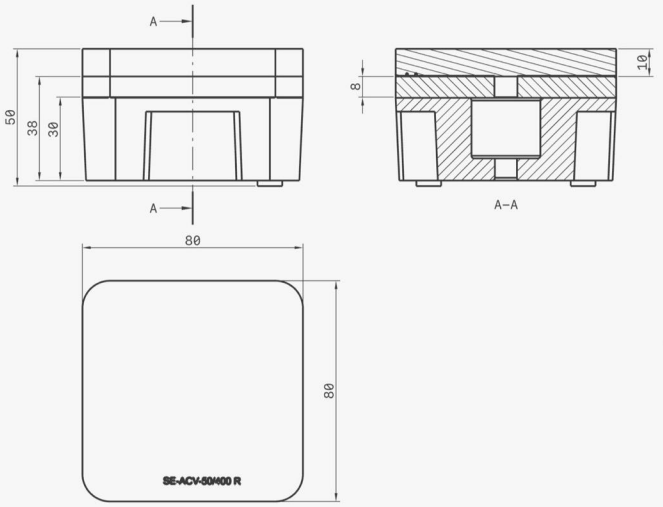
2°- ViscoLAM-65 (acoustic membrane) with a thickness of 4 mm.
Density: <1650 kg/m3.

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

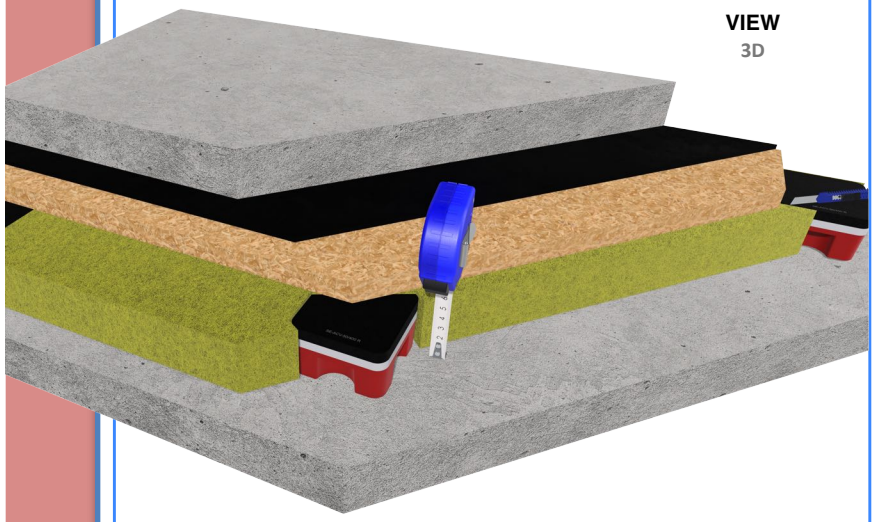
4º- Mineral wool (Arena APTA) with a thickness of 30 mm. Density: < 30 kg/m3.

5°- ACV-50/400 R





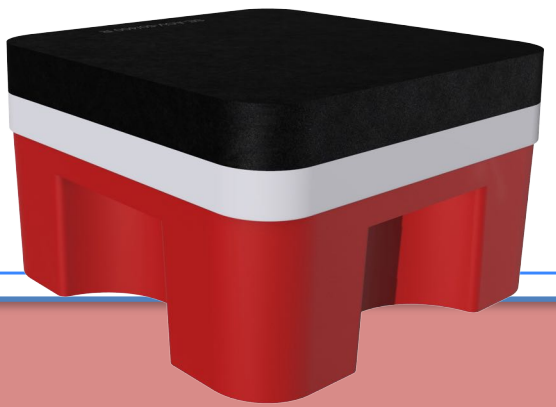
VIEW
3D



MATERIALS

It features a THREE-LAYER structure consisting of:

- Polymer: **KRAIBURG-TPE - TC4/GPN** (Testing method according to standard **UNE-EN ISO 10846-1:2009**).
- Intermediate alloy reinforcement: **ZAMAK-5**, a combination of zinc, aluminum, magnesium, and copper
- Strip: **EPDM CR-140**, a highly elastic and highly durable synthetic rubber



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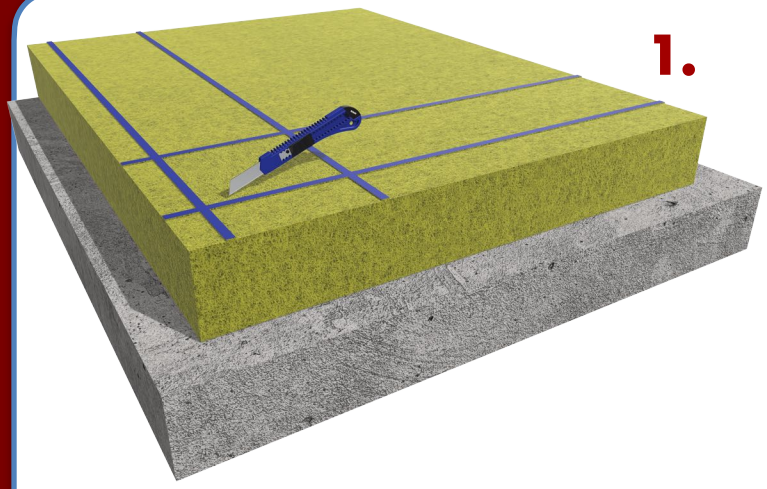
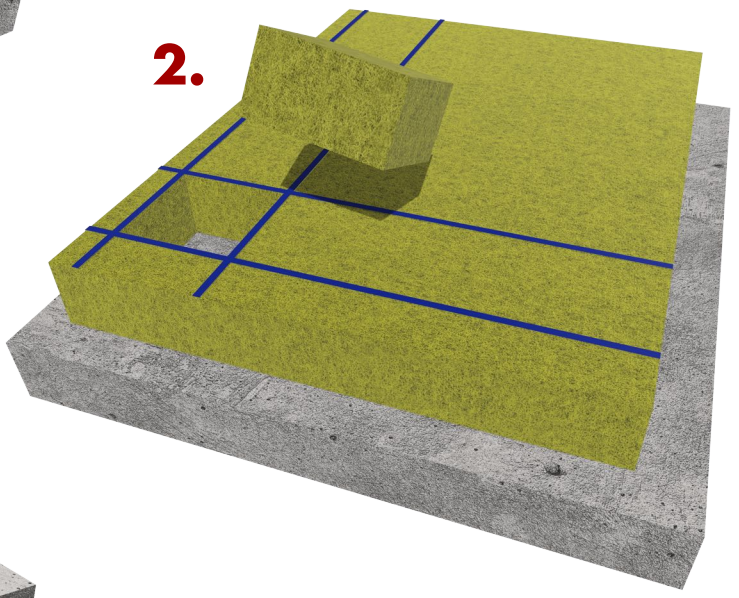
Application mode

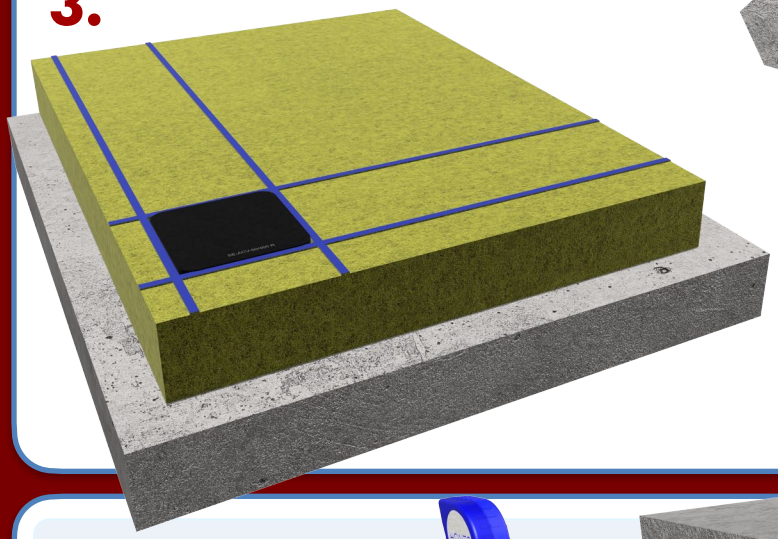
1.



2.



3.



4.