

# 3802/TD1

## RUBBER WALL MOUNT WITH DOUBLE FASTENING FOR WALL LINING SYSTEMS

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

The **SE-3803/TD1** has a **PATENTED** control system which allows the metal bracket to be moved in both directions. By using the double screwed fastening the metal bracket can be moved and the polymer is compressed in both directions.

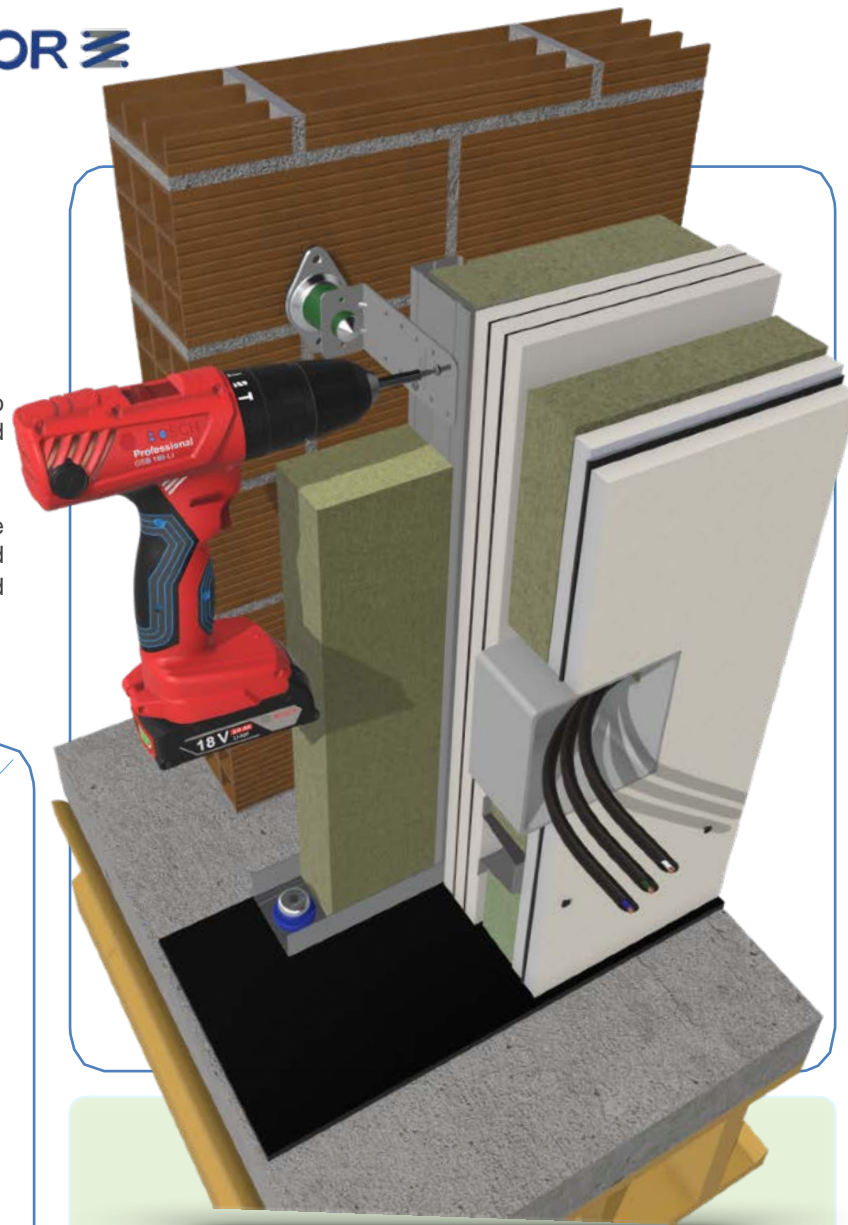
**I+D+i**

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

SCAN ME



REF	COLOUR	THICKNESS (mm)	CHANNEL	LOAD (kg) MIN-MAX	PACKING
SE-3802/TD1		1,5	Stud	5 - 32	50



**The steel bracket:** made according to the Standard **EN 10204/DIN50049 / ISO404**. Transformation according to Iron and Steel Standard **EN 10346:2015**.

Quality: **DX51D+Z275 NA C. 275 g/m²**.

● **Thickness:** 1,5 mm

Excellent soundproofing result! Ideal for acoustic wall lining system with air chamber more than **160 mm**.  
Get rid of noises!

● The polymer is named **KRAIBURG-TPE** (according to the Standard **UNE-EN ISO 10846-1:2009**).

✓ Resonance frequency: **7-15 Hz**.



## Airborne Sound Insulation according to EN ISO 10140-2:2010

### Laboratory Measurements

**Applicant:** SUSPENSIONES ELÁSTICAS DEL NORTE, S.L. (SEÑORA)

Result No.: B2020-122-M758 RA

Test date: 23<sup>rd</sup> October 2020

**Test specimen:** ACOUSTIC SELF-SUPPORTING WALL LINING (5ENOR + CHOVA): SE-BFC-6X100; SE-TAV-500/11A; SE-TAV-500/11R; SE-BFC-10X100; SE-MONT-BICAPA-40; SE-3802/03 TD1; CHOVANAPA; CHOVA

Estimated superficial mass: 325 kg/m<sup>2</sup>

Test specimen area: 10.08 m<sup>2</sup>

Source room volume: 65.3 m<sup>3</sup>

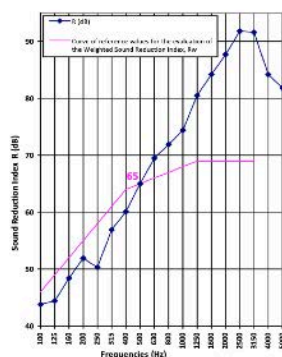
Receiving room volume: 55,2 m<sup>3</sup>

$T_{\text{rooms}}: 20,4^{\circ}\text{C}$

HR<sub>max</sub>: 53 %

Protein: 951 mbars

f (Hz)	R (dB)
100	43,8
125	44,4
160	48,4
200	51,9
250	50,3
315	56,9
400	60,1
500	65,0
630	69,5
800	71,9
1000	74,4
1250	80,5
1600	84,7
2000	87,7
2500	91,8
3150	91,6
4000	84,2
5000	81,8



Rating according to EN ISO 717-1:2013:  $R_{w, (C,C_1)}$ : 65 (-2; -7) dB

Rating according to EN ISO 117-1:2013, $R_N [C_1, C_2]$	0.3 (2, 1)	0.0
Rating according to CTE DB-MB:	B -	54.1 (dB)

Rating according to CTE DB-HR:	R <sub>A</sub> :	64,1	dBA
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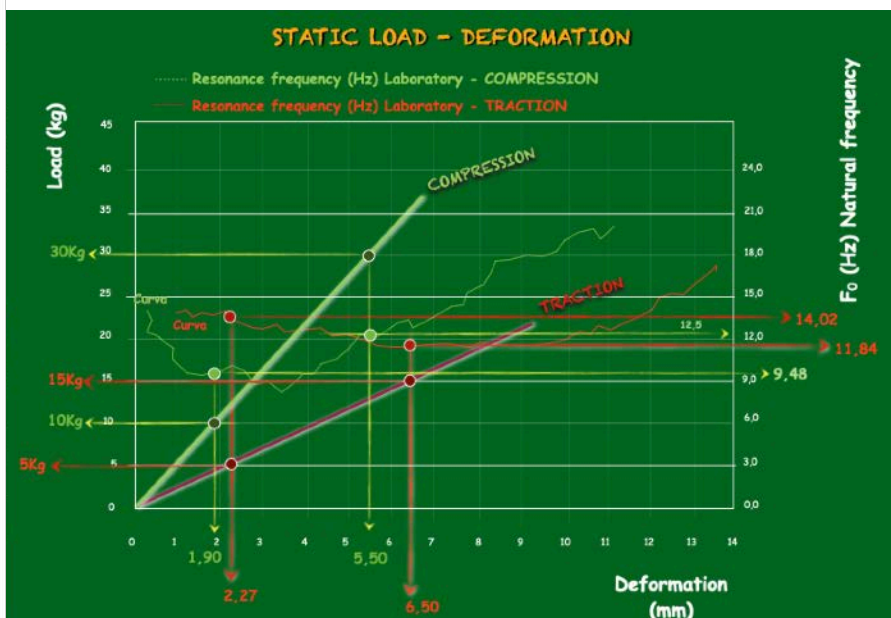
<sup>a</sup>Conversion based on laboratory measurement results obtained by an engineering method.

<sup>a</sup>  $\chi^2$  reduced value (mass percent) for fit by approx. background and  $N_{\text{total}}$ .  $N_{\text{total}}$ : 2500 Me = 102.4 (60.3250/ru = 101.2) and 3000 Me = 102.4 (60.3250/ru = 101.2).

Test Report No. B2020-LACUS-IN-122-2 A En

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



## Axial compression results

LOAD (Kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROOFING LEVEL (%)	
10	1,90	9,48	25	50	83,21	96,27
20	3,75	8,68	25	50	86,29	96,89

### Axial tensile results

5	2,27	14,02	25	50	54,12	91,47
10	4,22	11,92	25	50	70,58	93,97
15	6,50	11,84	25	50	71,08	94,06



### Data sheet

### TC4GPN (GP/FG Series)

THERMOLAST® K

## Product properties

Name	TC4/GPN	
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 strength <sup>1</sup>	6.5 MPa	DIN 53504/ISO 37
Elongation at break <sup>1</sup>	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

<sup>1</sup> 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.



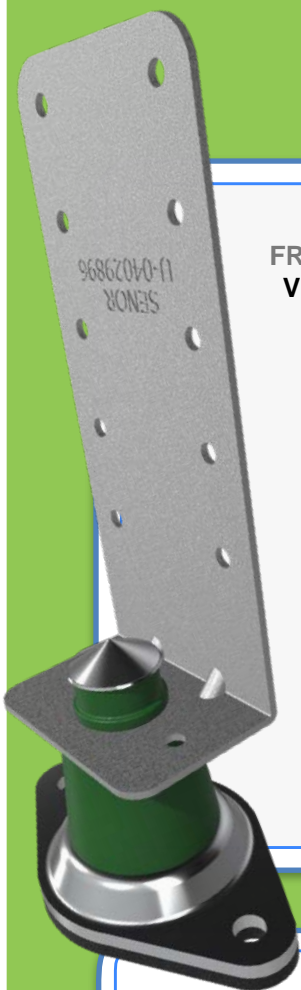
# SENOR



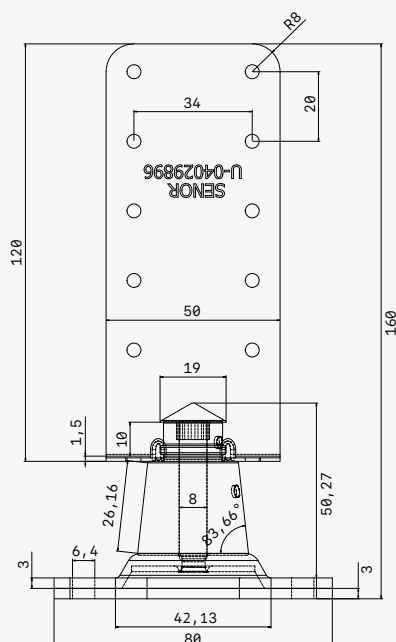
Youtube

SENOR Aisladores Acústicos

## Ref. SE-3802/TD1

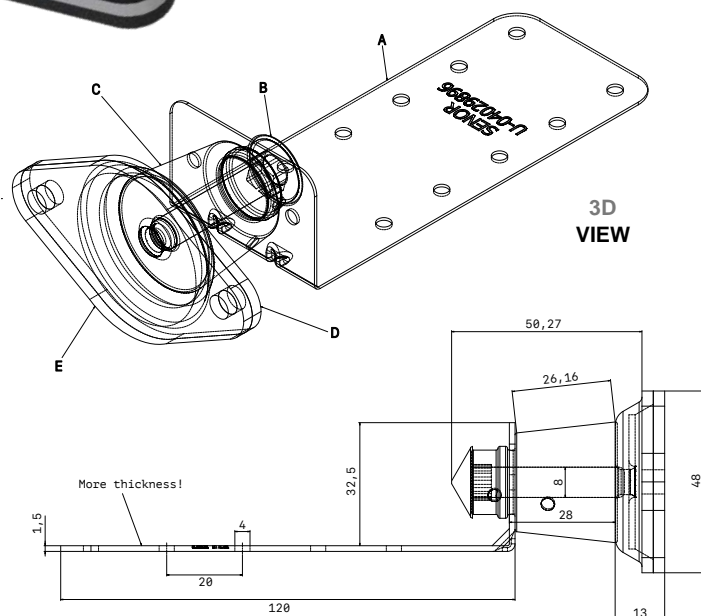
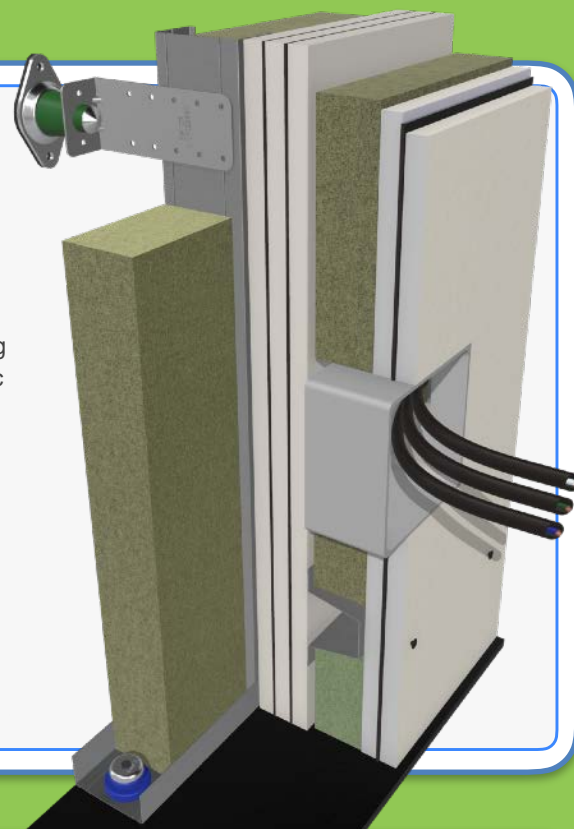


FRONT  
VIEW



● **Thickness:** 1,5 mm

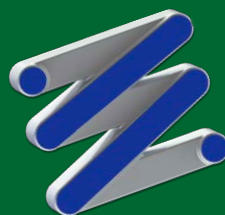
Excellent soundproofing result! Ideal for acoustic wall lining system with air chamber more than **160 mm**.  
Get rid of noises!



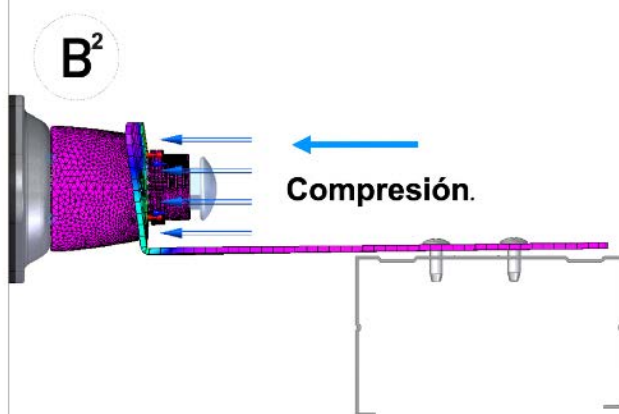
### MATERIALS

This acoustic wall mount is composed of:

- A: **Metal bracket 1,5x50x120** made of galvanized steel according to The Standard **EN 10204/DIN50049/ISO404**. Transformation according to iron and steel Standard **EN 10346:2015**. Steel quality **DX51D+Z275 MA**. Zinc covering Zinc 300 g/m².
- B: **Steel screw 8x40**: Zinc Plated Cr+3 Standard: **DIN603**
- C: The polymer: **KRAIBURG-TPE / TC4GPN**. Hardness: 39 +/- 5° SHORE A. Colour: **Green**. Hardness according to the Standard **ISO 48-4 o DIN ISO 7619-1**.
- D: **Bowl-shaped leveller "SR/M8"**: made of cold rolled steel according to The Standard **EN 10204/DIN50049/ISO404**. Transformation according to iron and steel Standard **EN 10346:2015**. Steel quality: **DC04 AM O**. Zinc covering 300 g/m².
- E: **Sheet EPDM BEC-3**: made of **EPDM** micro-celular band **CR-130**. Closed cell structure.



# Ref. SE-3802/TD1



## Note

### POSITIONS

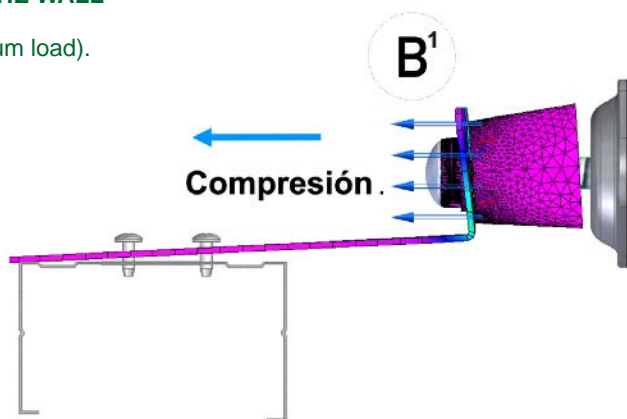
This acoustic mount is devised to work in both directions: axial compression (towards the wall) and axial compression (towards the stud).

## Ref. SE-3802/TD1

### AXIAL COMPRESSION TOWARDS THE WALL

Load range: **5 kg** up to **32 kg** (maximum load).

Resonance frequency: 7-15 Hz.



## Ref. SE-3802/TD1

### AXIAL COMPRESSION TOWARDS THE STUD

Load range: **5 kg** up to **15 kg** (maximum load).

Resonance frequency: 7-15 Hz.







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Youtube

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**Ref. SE-3802/TD1**

## SAFETY SYSTEM:

### Ref. SE-3802/TD1

Inside the rubber, there is a steel shaft to get a **maximum safety** in case of **fire**. The polymer is disintegrated but due to the steel shaft, the fastening remains even if the acoustic system is heated to a high temperature (120°).

SCAN ME



STEEL SHAFT



SENOR certifies

### Ref. SE-3802/TD1

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**The Standard:** UNE-EN 37-507-88

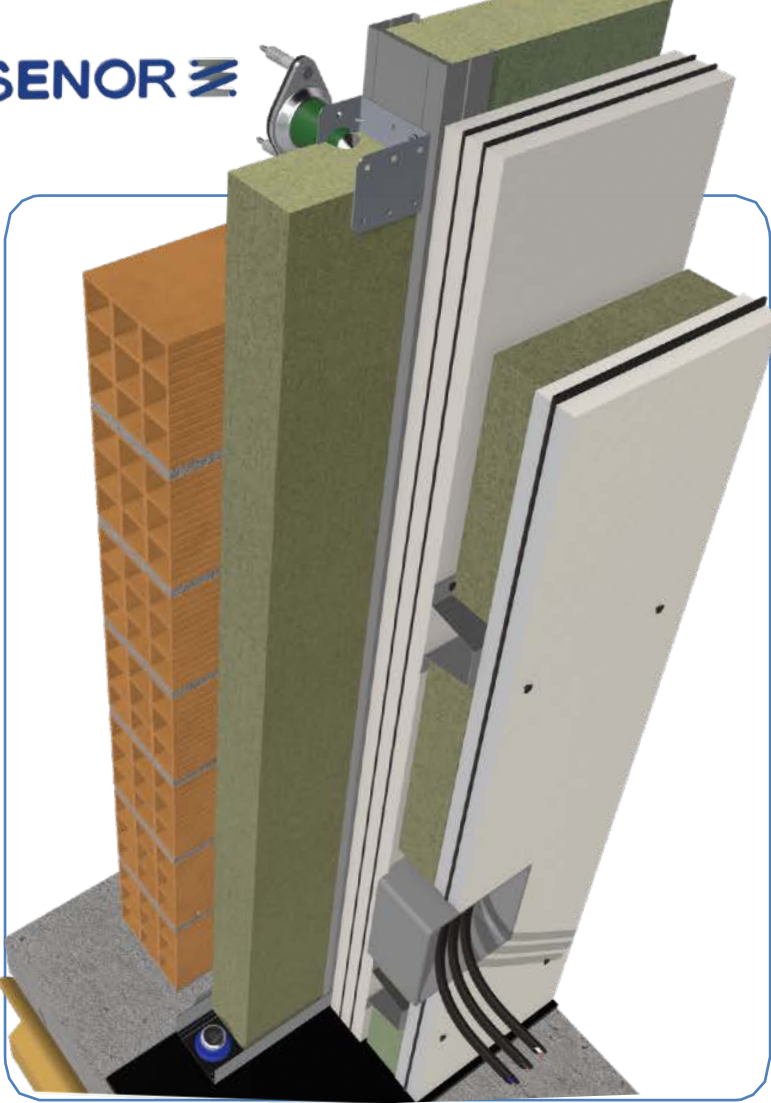
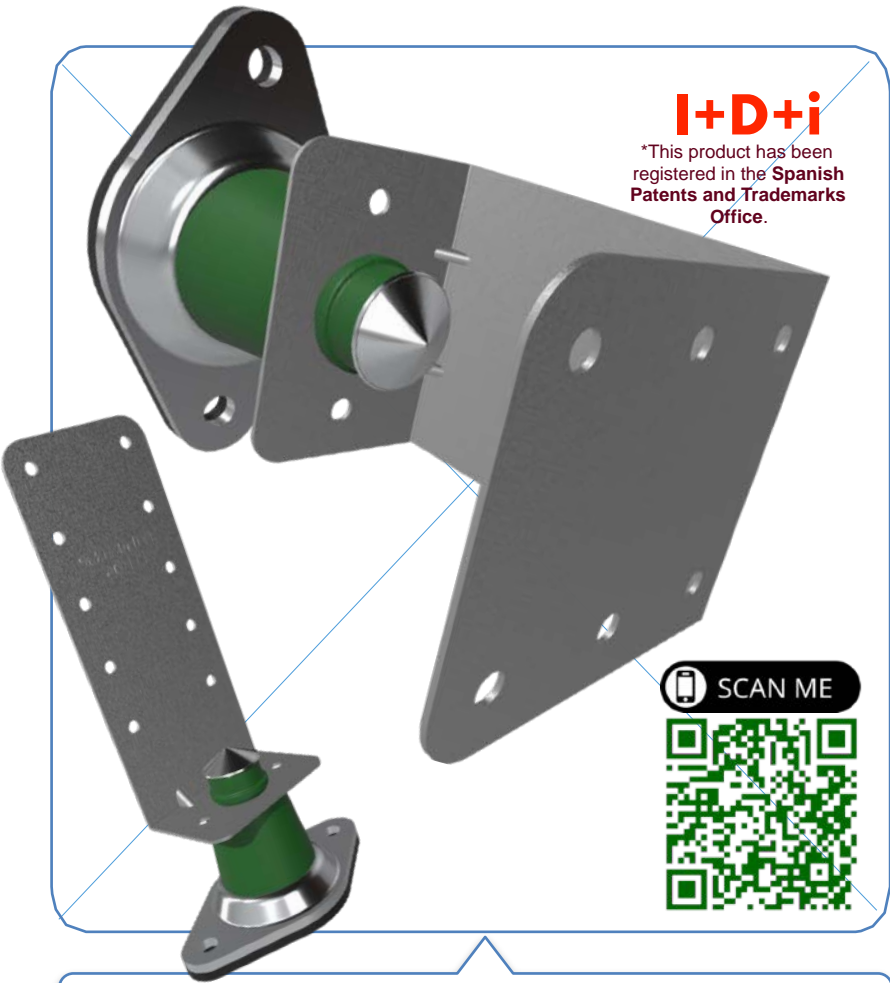
**Uses:** Galvanized coatings on fabricated iron and steel articles

# 3803/TD1

## RUBBER WALL MOUNT WITH DOUBLE FASTENING FOR WALL LINING SYSTEMS

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

The **SE-3803/TD1** has a **PATENTED** control system which allows the metal bracket to be moved in both directions. By using the double screwed fastening the metal bracket can be moved and the polymer is compressed in both directions.



**The steel bracket:** made according to the Standard **EN 10204/DIN50049 / ISO404**. Transformation according to Iron and Steel Standard **EN 10346:2015**.

Quality: **DX51D+Z275 NA C. 275 g/m²**.

● **Thickness:** 0,8 mm

Bend the bracket with your hand!  
By bending the bracket, the air chamber can be reduced. In addition, the bracket allows the deadening material to be held.

● The polymer is named **KRAIBURG-TPE** (according to the Standard **UNE-EN ISO 10846-1:2009**).

✓ Resonance frequency: **7-15 Hz**.

REF.	COLOUR	THICKNESS (mm)	CHANNEL	LOAD (kg) MIN-MAX	PACKING
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SE-3803/TD1

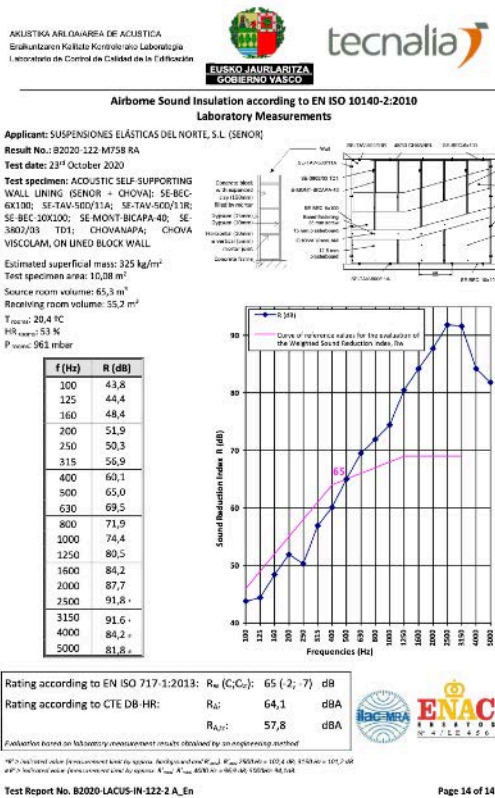
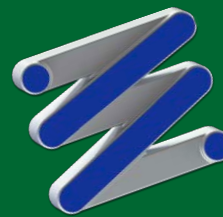


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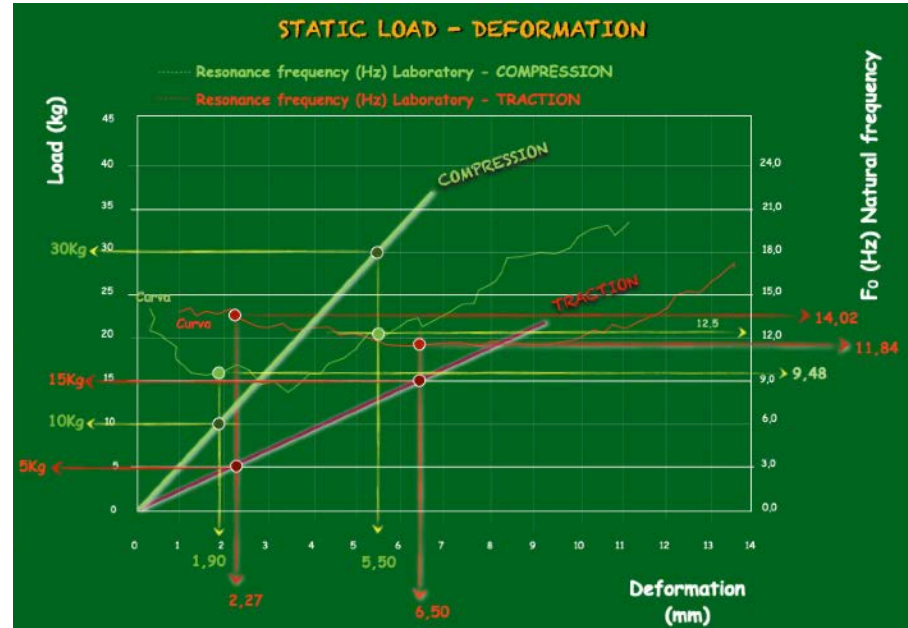
Stud

5 - 32

50



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



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#### THERMOLAST® K

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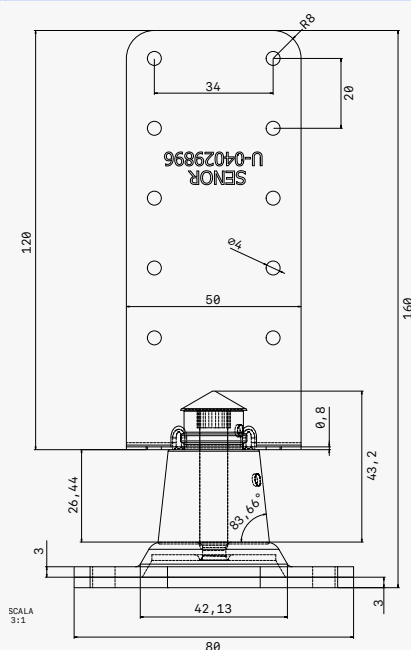
# SENOR



Youtube

SENOR Aisladores Acústicos

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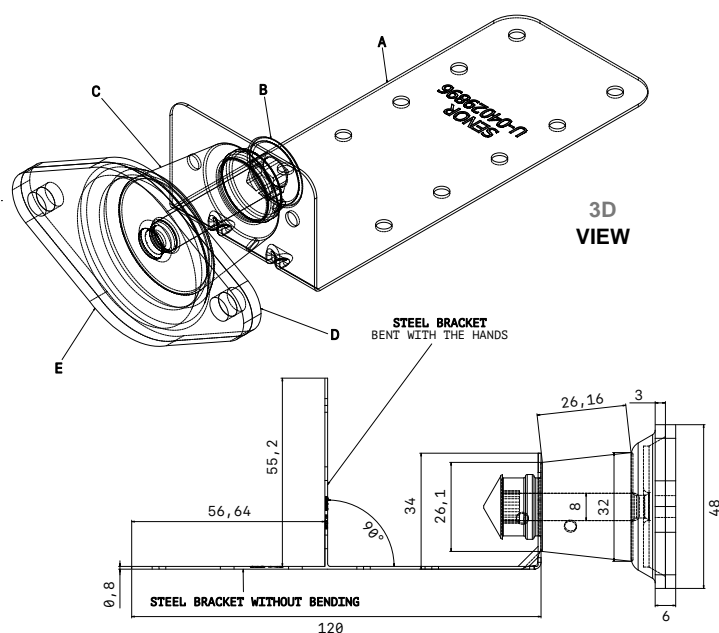
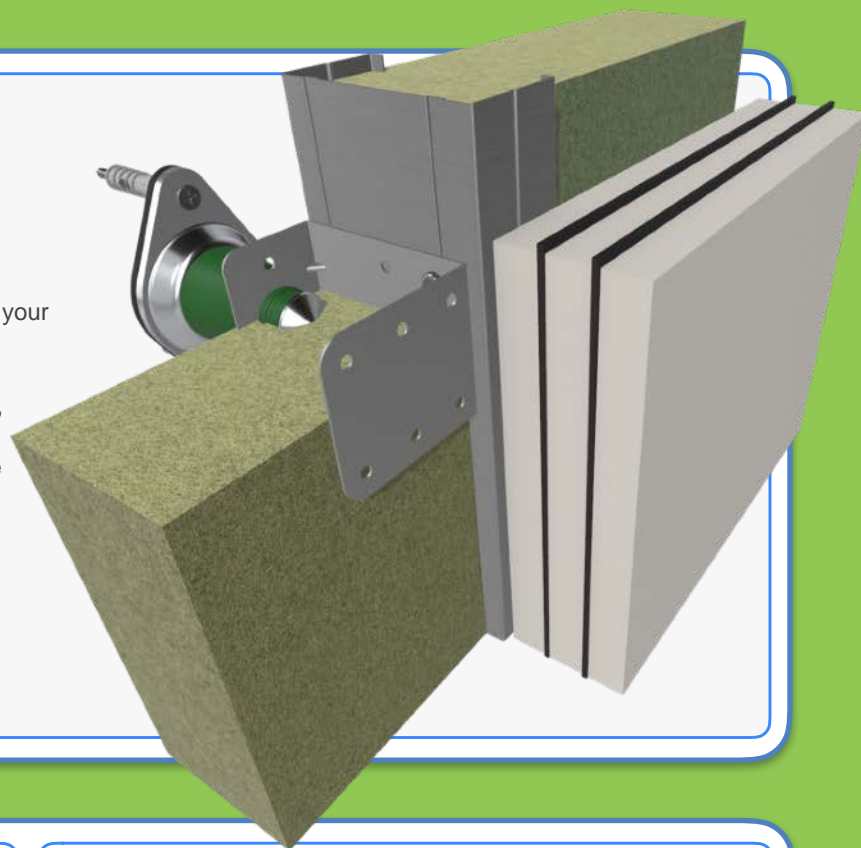


### FRONT VIEW

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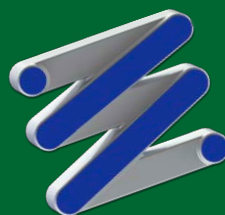


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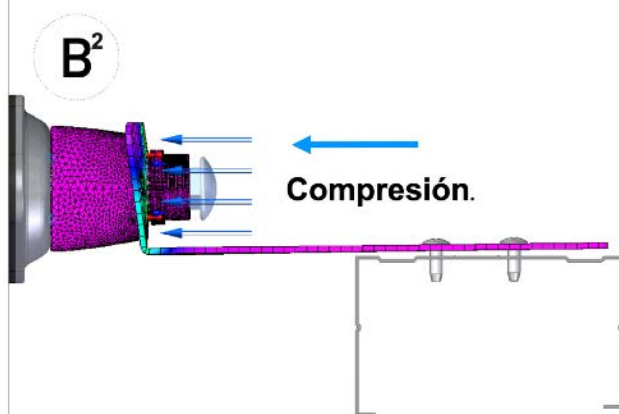


# Ref. SE-3803/TD1

## Note

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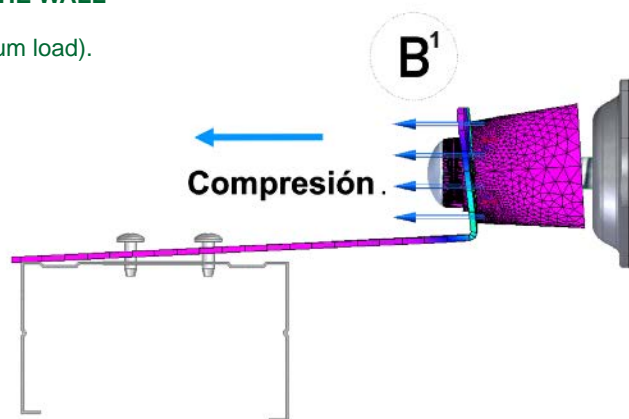


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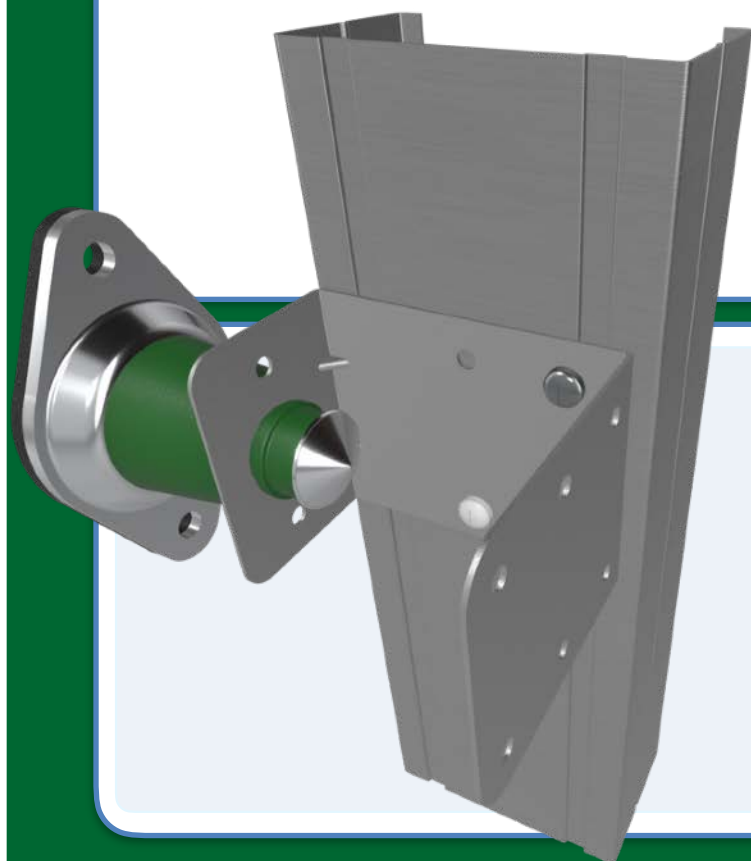


## Ref. SE-3803/TD1

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Resonance frequency: 7-15 Hz.



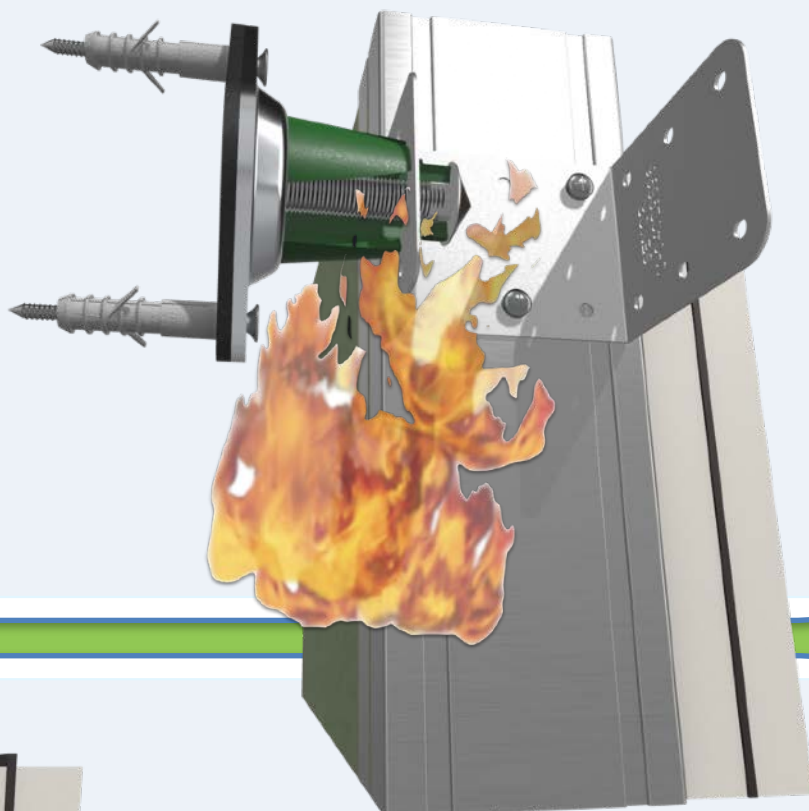


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### Ref. SE-3803/TD1

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SCAN ME



STEEL SHAFT



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