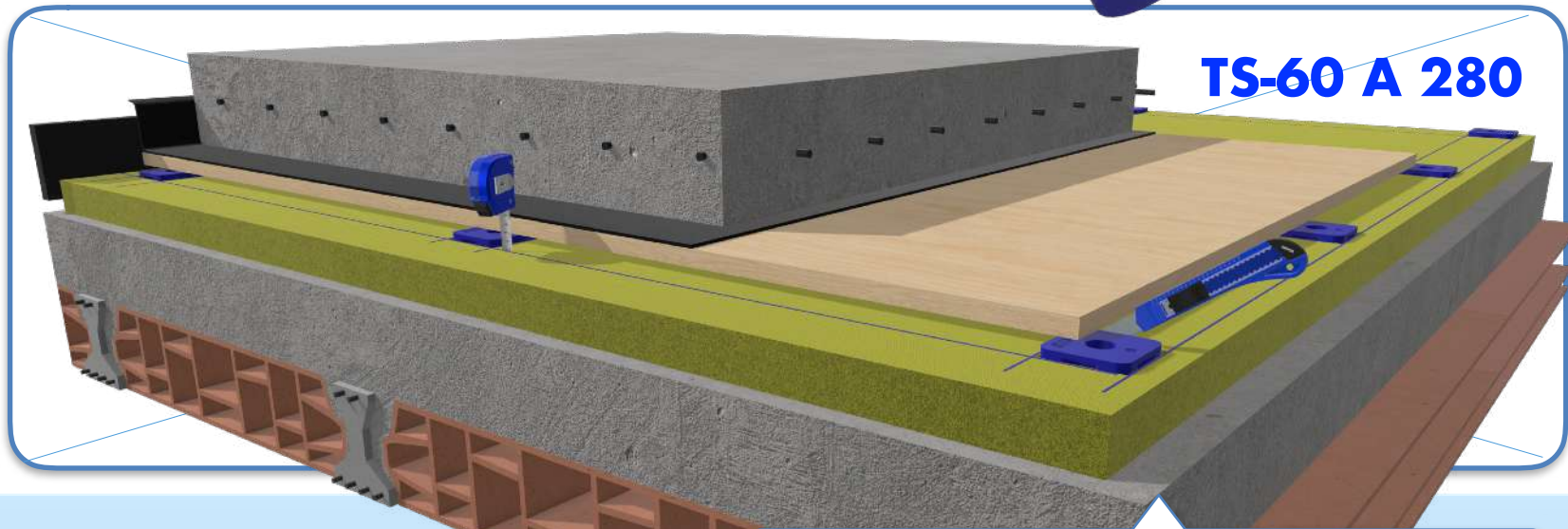
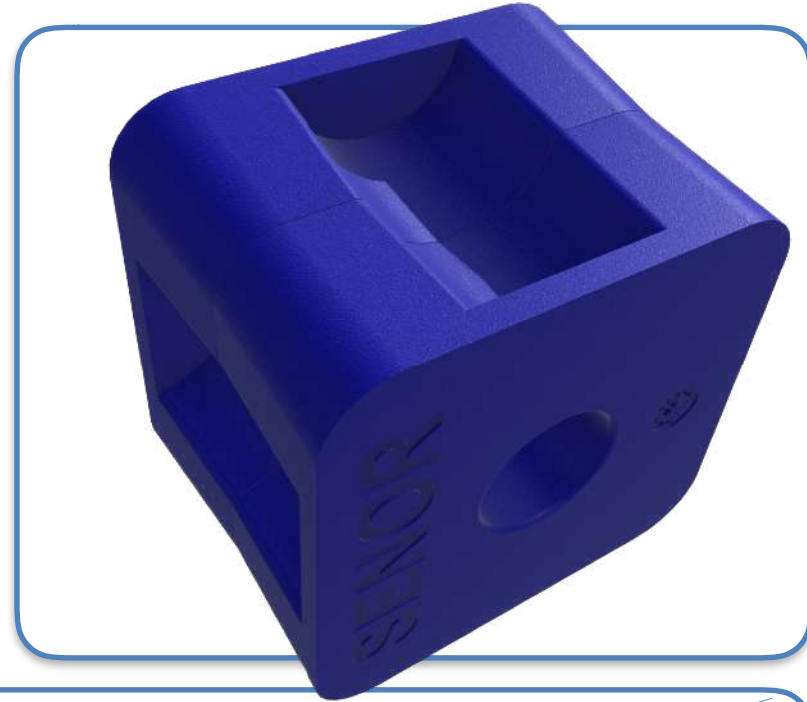


## TS-60 A 280

### 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.

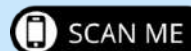
The model **SE-TS-60 A 280** has the same features than the **TS-80** but with **more height**. It is designed in the shape of trapezium with **X** shaped base improving the elasticity of the system and proving an excellent performance in the soundproofing field.



## 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              |



**I+D+i**

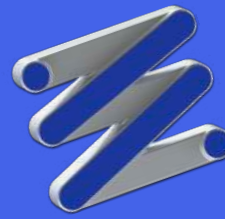
\*This product has been registered in the Spanish Patents and Trademarks Office

#### 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)

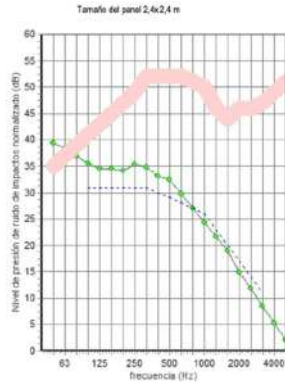
Derechos de autor del programa Marshall Day Acoustics 2014

- Key No. 6719

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

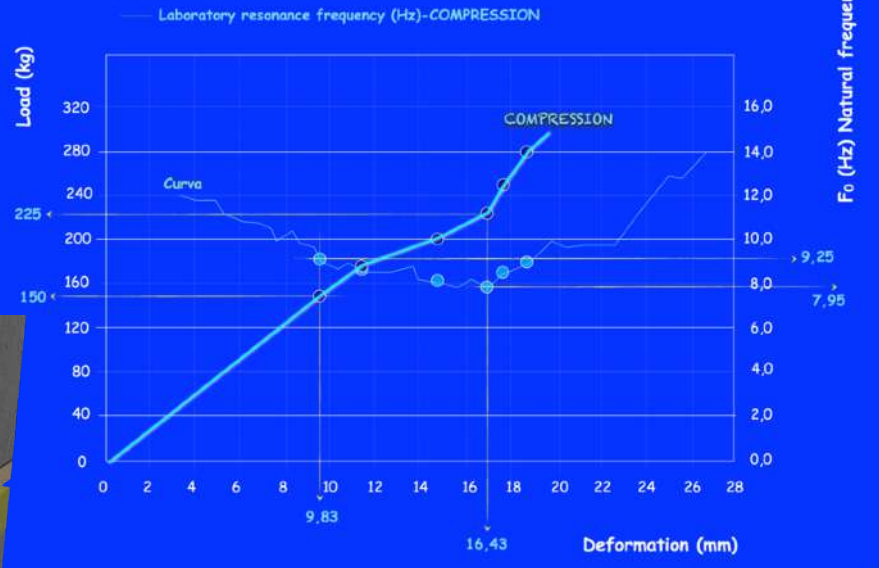


| frecuencia (Hz) | Ln(dB) | Ln(dB) |
|-----------------|--------|--------|
| 50              | 39     |        |
| 63              | 38     | 43     |
| 80              | 37     |        |
| 100             | 36     |        |
| 125             | 34     | 40     |
| 160             | 34     |        |
| 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 |

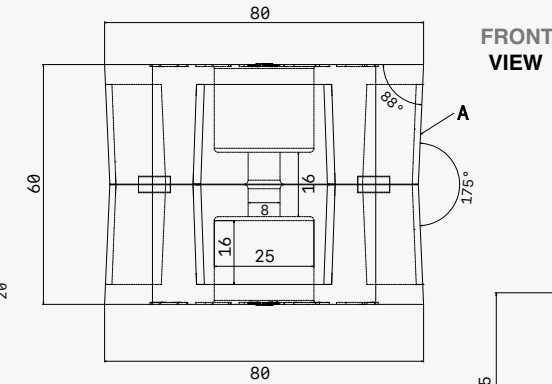
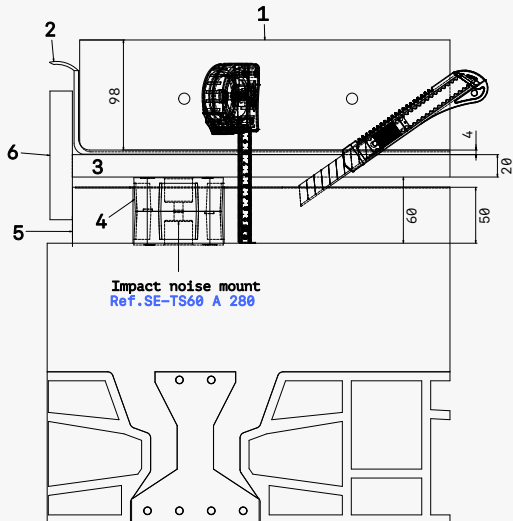


| TC5EXN                           |                              | THERMOLAST® K     |
|----------------------------------|------------------------------|-------------------|
| <b>Products properties</b>       |                              |                   |
| Name of the product              | TC5EXN                       |                   |
| Colour / RAL DESIGN              | Blue                         |                   |
| Processing method                | Extrusion, Injection Molding |                   |
| <b>Mechanical properties</b>     |                              |                   |
| Hardness                         | 46 +- Shore A                | DIN ISO 7619-1    |
| Density                          | 1.176 g/cm <sup>3</sup>      | DIN EN ISO 1183-1 |
| Tensile Strength <sup>1</sup>    | 6.3 MPa                      | DIN 53504/ISO 37  |
| Elongation at Break <sup>1</sup> | 825 %                        | DIN 53504/ISO 37  |

<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.

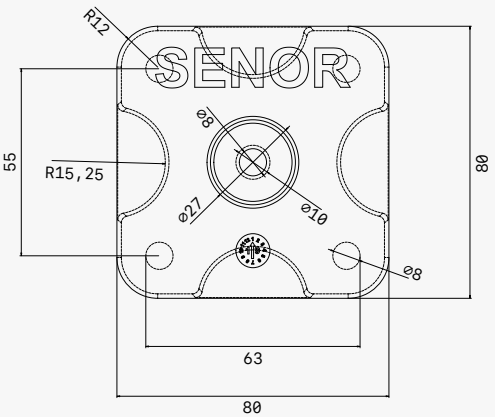
1°- Concrete slab HA-20 15x15x10 with a thickness of 10 cm.  
Density: > 2450 kg/m<sup>3</sup>

2°- ViscoLAM-65 (acoustic membrane) with a thickness of 4 mm.  
Density: <1650 kg/m<sup>3</sup>.



**FRONT VIEW**

**PLAN VIEW**



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

4°- SE-TS-60 A 280

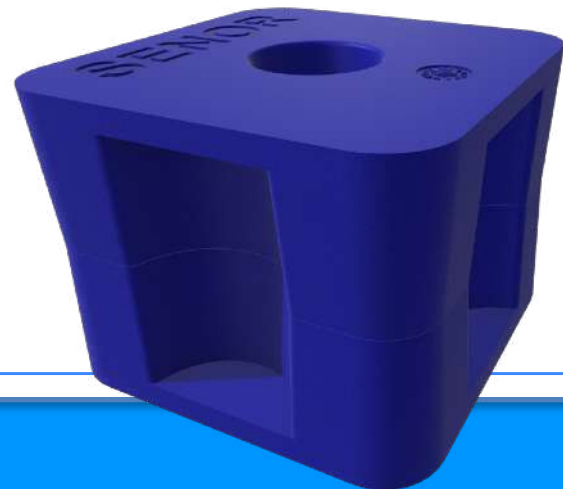
5°- Mineral wool (Arena APTA) with a thickness of 50 mm.  
Density: < 30 kg/m<sup>3</sup>.

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

