

MODEL 3800/01

WALL OR PANNELLING ACOUSTIC ISOLATOR

Flexible mountings within an acoustic system are very important, particularly so as to prevent structural transmission and the rigidity of the wall, achieving an improved performance of the system.

Wall and/or panelling insulators also function as mechanical mounts, and, as such, they will be exposed to inclement conditions such as fire or heat. When exposed to fire or excessive heat, the elastic body (EPDM rubber) will be destroyed, but the mounting will not be destroyed or collapse because the insulators incorporate a security system (central steel screw).

Models 3800/3801 are composed of two parts: an elastic EPDM rubber cylinder and a steel bracket. The insulator fixed to the wall with a screw that passes through the elastic component. The insulator works optimal because it absorbs compression from the inside (sound pressure) and the outside (compression caused by weight of the plasterboards...), improving performance at low frequencies by preventing the possibility of the rubber being stretched.

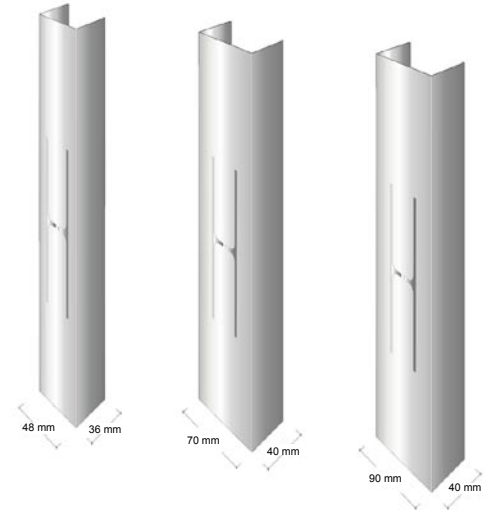
Models 3800/3801 are recommended insulators for use with concrete or other solid walls.



REF.	MODEL	THICKNESS (mm)	FRAMING	PACKAGING
SE-3800/TD1	3800	1,5	CHANNEL	100 U/B
SE-3801/TD1	3801	0,8	CHANNEL	100 U/B

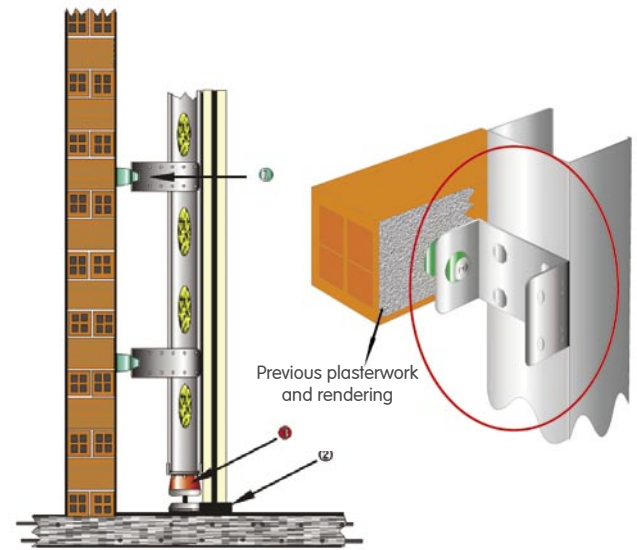
These models may be supplied with screw and washers, please consult prices.

FRAMMINGS/CHANNELS



RANGE OF APPLICATION

Acoustic walls: business premises, hotel, residential property, bar, pub, discoteque, theater, etc.

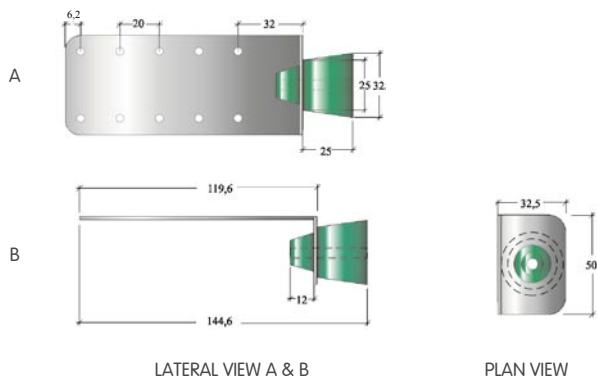


- ① Insulator SE-3800/TD1 or SE-3801/TD1.
- ② SE-BEC strip.
- ③ Insulator SE-TMT-50.

DIMENSIONS

Mod. 3800/01

(Measurements expressed in millimetres)

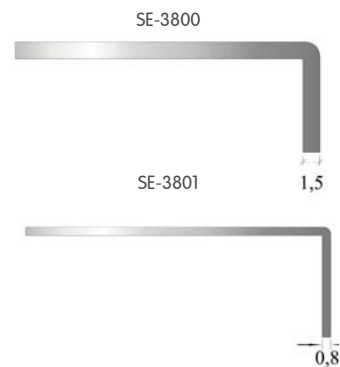


LATERAL VIEW A & B

PLAN VIEW

SHEET THICKNESS

(Measurements expressed in millimetres)



OPTIMUM LOAD RANGE

EQUIPMENT AND RESULTS

Description/Make:

Dial Indicator Tokio Sokki,
Dynamometric screwdriver (Ton)

Code:

ME 012020 / OE034TH5

Range:

50 mm / 3,92 Nm

Results obtained:

Par (Nm)	Displacement (mm)
0,09	3,00
0,18	5,75
0,27	7,70
0,36	9,45
0,45	10,10

LOAD (Kg)	RESONANCE FREQUENCY (Hz)	RESONANCE AMPLIFICATION	ISOLATION THRESHOLD (Hz)
10 + equip.	8,76	3,56	11,65
22 + equip.	9,50	3,98	11,98
44 + equip.	9,98	6,56	12,65
45 + equip.	11,34	5,67	13,12

MODE OF APPLICATION

STEP BY STEP



1



2



3