



Maxi Resilient Bars

A SOUND REDUCTION SYSTEMS PRODUCT



Application:

Expanded metal product for use with SRS Maxiboard in wall and ceiling applications. Maxi Resilient Bars create isolation between the Maxiboard and the building structure. This isolation helps to disperse the sound energy travelling through the overall construction, reducing the amount of sound transmitted.

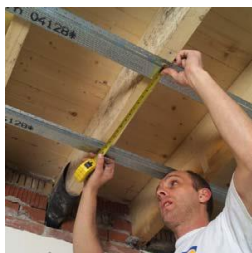
- Significantly boosts acoustic performance.
- Unique, sound dispersing design.
- Only 30mm depth
- Easy and economical to install.
- Double flange allows secure fixing.
- Ideal for both domestic and commercial applications

Installation:

Masonry Walls - Maxi Resilient Bars should be fixed horizontally across the wall or timber battens (if used). A Maxi Resilient Bar should be placed at the top and bottom of the wall and then at 600mm centres from the bottom upwards. Where the bars are applied directly to the existing wall, 25mm Maxi Slab should be placed horizontally between the bars. Where fitted to timber battens, 50mm Maxi Slab should be hung vertically between the battens.

Stud Partitions - Should the plasterboard remain on the studwork it should be removed from one side of the partition and the area between the existing studs filled with 50mm Maxi Slab. SRS Maxi Resilient Bars should then be placed at the top and bottom of the studs and then at 600mm centres from the bottom upwards.

Ceilings - Maxi Resilient Bars must be fixed at right angles to the timber joists using 70mm x 5mm screws. A Maxi Resilient Bar should be fitted at either side of the room and then in between at 300mm centres if Maxi 60 ceiling, or 400mm centres if Maxi 30 or Maxi Dropped ceiling. 100mm Maxi Slabs should be friction fitted between the joists above.



Specifications:

Width:	120mm max. (face 60mm)
Length:	3000mm
Depth:	30mm
Loading capacity:	Up to 96 kg/m ² at 300mm centres beneath joists

Physical Properties:

Composition: Mild steel sections coated with zinc electrolytic process. The sections may have a protective film of a roll forming hydrocarbon (oil/paraffin etc.) lubricant or a residue of cutting fluid.

Reaction to fire: A1

Material: Galvanised steel. Galvanizing tested to EN 14195

Appearance: Metal top hat sections with perforations.

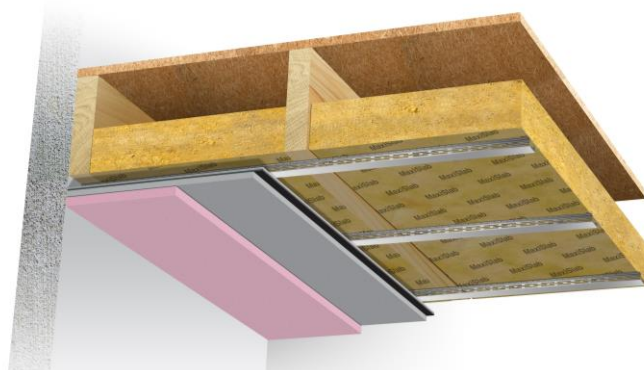
Odour: Paraffin/oily (from protective coating)

Stability: Stable under normal conditions.

Handling: Gloves should be worn when handling SRS Maxi Resilient Bars.

Cutting: Maxi Resilient Bars may be cut to size using tin snips.

Storage: Maxi Resilient Bars must be laid flat and kept dry. Do not stack other items on top of the bars.



Maxi Resilient Bars used as part of the Maxi 60 Ceiling System



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Site conditions and installation standards vary. SRS cannot take responsibility for the performance of any installed system of which SRS products are only a part, or that have been installed incorrectly. Prior to installation, it is necessary to identify and eliminate possible flanking paths that may compromise the acoustic performance of any SRS product.

