EP 400 + Sylomer® Resilient Sway Brace

Resilient Sway Brace with two Sylomer® elements and metal bracket for attaching wall assembly frames. Effective isolation under tension, compression, and shear.



The **EP 400 + Sylomer® Resilient Sway Brace** is designed for the **acoustic decoupling of wall assemblies and their metal frames**, helping to reduce the transmission of vibrations and **structure-borne sound** to the supporting structure.

Its design combines **two Sylomer® resilient elements with a metal bracket**, allowing simple attachment of the frame while providing effective resilient decoupling. The sway brace can operate under **tension, compression, and shear**, making it particularly suitable for the different loads encountered in acoustic wall assemblies.

Its **robust, fail-safe metal construction** provides secure attachment and good mechanical strength. The Sylomer® provides optimized dynamic behavior, effectively reducing vibration transmission between the wall assembly and the supporting wall.

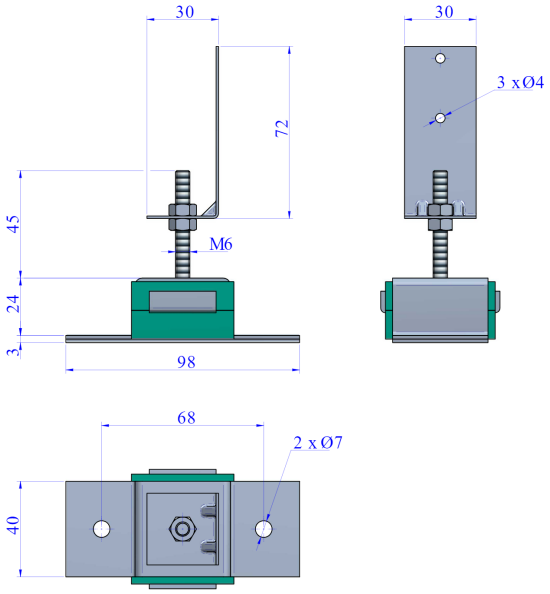
The EP 400 + Sylomer® is suitable for **studios, auditoriums, residential buildings, mechanical rooms, and soundproofing projects** requiring high-performance acoustic wall assemblies and effective decoupling of the supporting frame.

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Drawings

EP 400 + Sylomer



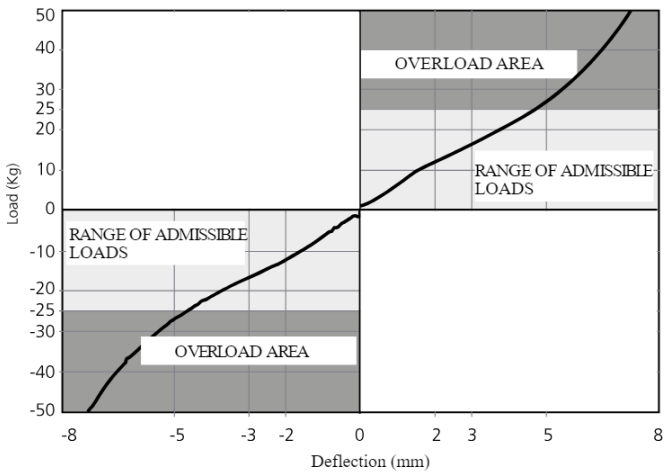
Type	SUMMARY	Max. Load (lbs)	Code	Weight(lbs)
EP 400 + Sylomer	It is secured to the wall by means of two holes. It has a male M6 metal insert and also an “L” welded nut for securing to the profile.	66	23705	0.42

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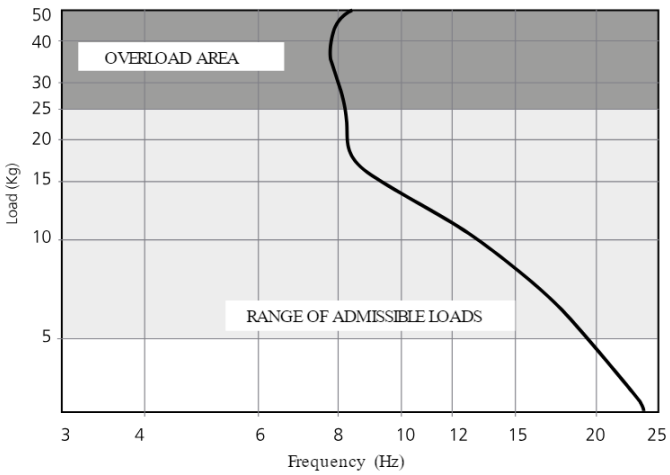
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Elastic properties

LOAD DEFLECTION GRAPH
EP Akustik+Sylomer®



NATURAL FREQUENCY GRAPH
EP Akustik+Sylomer®



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Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

Mount offering high stability

Suspensions built with this mount barely move, thanks to a geometry designed to control the movement of the suspended element.

Incorporates Sylomer® elastomer, highly effective for isolating both high and low frequencies

Sylomer® provides high isolation across a wide frequency range and is particularly effective at high frequencies, effectively eliminating the transmission of structure-borne noise.

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