Sylomer® ViscoSpring Platform

Resilient platform for weightlifting areas combining Sylomer®, springs and viscous damping to reduce impact noise, vibration and oscillation after weights are dropped.



The **Sylomer® ViscoSpring Platform** is a resilient platform specifically designed for **weightlifting and strength training areas**, where repeated dropping of weights can generate high levels of **impact noise and vibration** transmitted into the building structure.

The system combines **steel springs with Sylomer® elements** to absorb impact energy and reduce its transmission into the floor. The springs also incorporate a **viscous damping system** that rapidly dissipates residual energy after each impact and **limits platform oscillation after weights are dropped**.

This combination of **springs, Sylomer® and viscous damping** provides **low dynamic stiffness**, high impact energy absorption and **rapid stabilisation of the platform**.

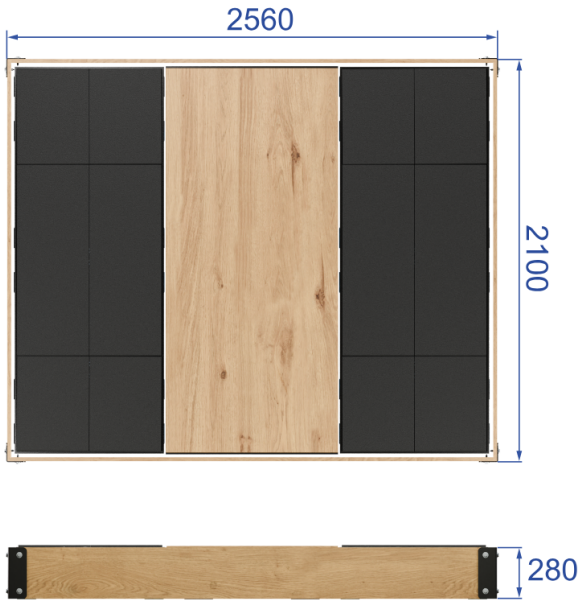
Its modular design allows **simple installation and adaptation to different loads and configurations**. It is particularly suitable for **gyms, fitness centres, free-weight areas and weightlifting facilities** requiring effective impact isolation and reduced transmission into the building structure.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 15/11/2026.

Drawings

Sylomer ViscoSpring Platform





Type	Code
Sylomer ViscoSpring Platform	755082

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 15/11/2026.

Technical characteristics

- **Weight:** 1900Kg
- **Dimensions:** 2560x2100x280 mm
- **Assembly Time:** 2-3h
- **Maximum capacity:**
  240Kg from 2m
  400Kg from 1m

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

Improved isolation

It offers improved isolation compared with conventional anti-vibration mounts of similar geometry.

Mount offering high stability

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

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 15/11/2026.