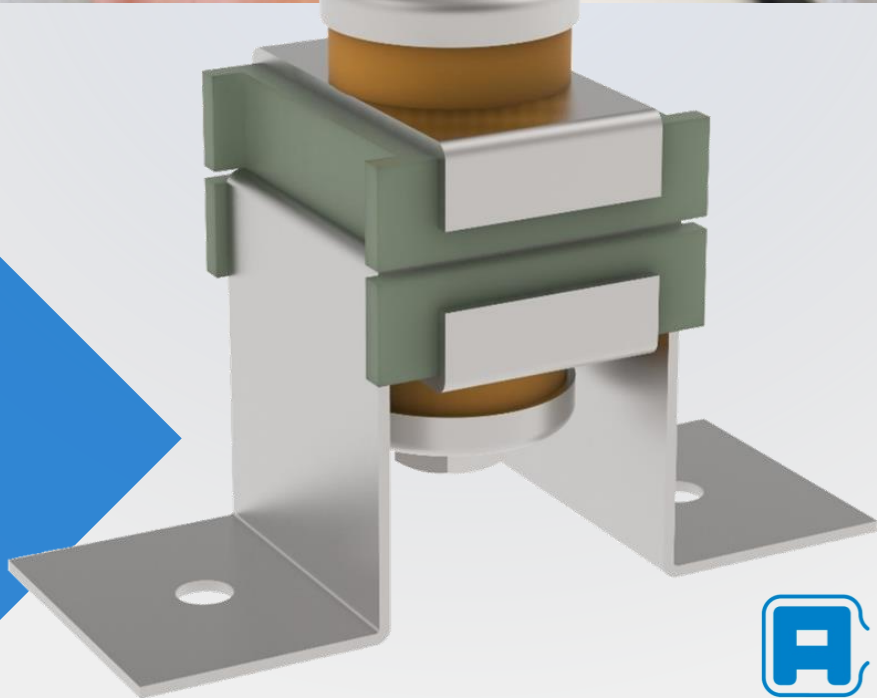




EP+SYLOMER LMR
AMC MECANOCAUCHO[®]



AMC
MECANOCAUCHO

EP + SYLOMER LMR

DESCRIPTION

This product is wall tie specially designed to acoustically isolate walls.

Building acoustics usually requires the isolation of mid and high frequency noise and vibrations produced by humans or machinery that can be transmitted as structural borne noise through the structure of the building.

In order to minimize the noise transmission, rigid connections between the acoustic walls and the structure of the building should be avoided.

Wall ties with low stiffness provide higher isolation levels. However, low stiffness means high deflections at low loads.

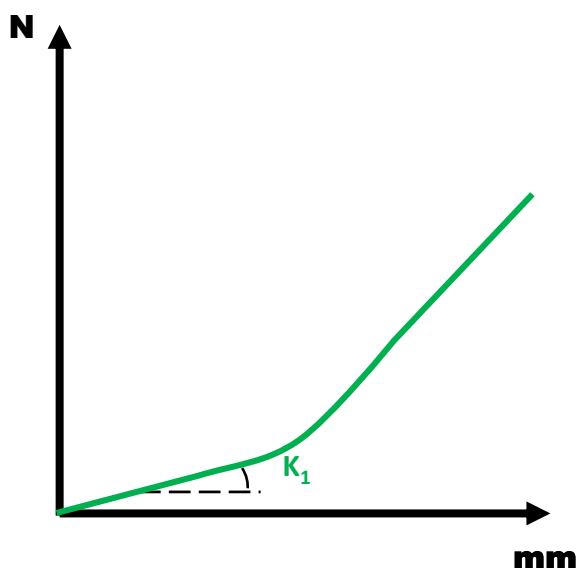
EP + Sylomer LMR avoids this thanks to its double step behavior (see charts below). It provides low stiffness at low loads while it avoids excessive displacements at high loads

They are made of Sylomer®, a microcelular polyurethane material that provides superior isolation than rubber and/or cork materials.

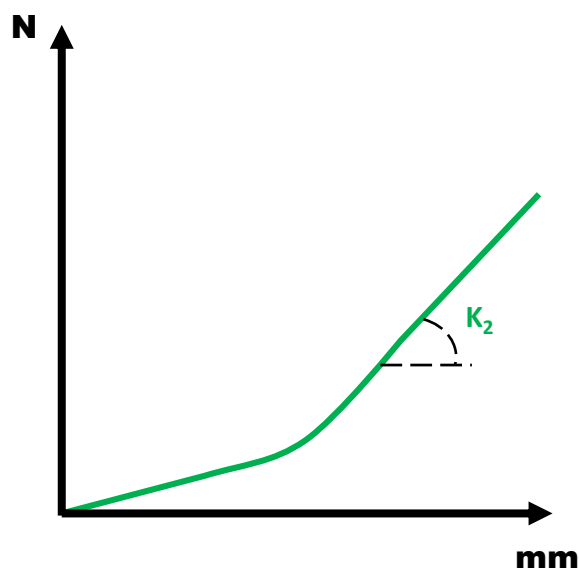
Its geometry allows an easy and flexible assembly.

The parts can be produced in different Sylomer® densities in order to fit the specific requirements of each application.

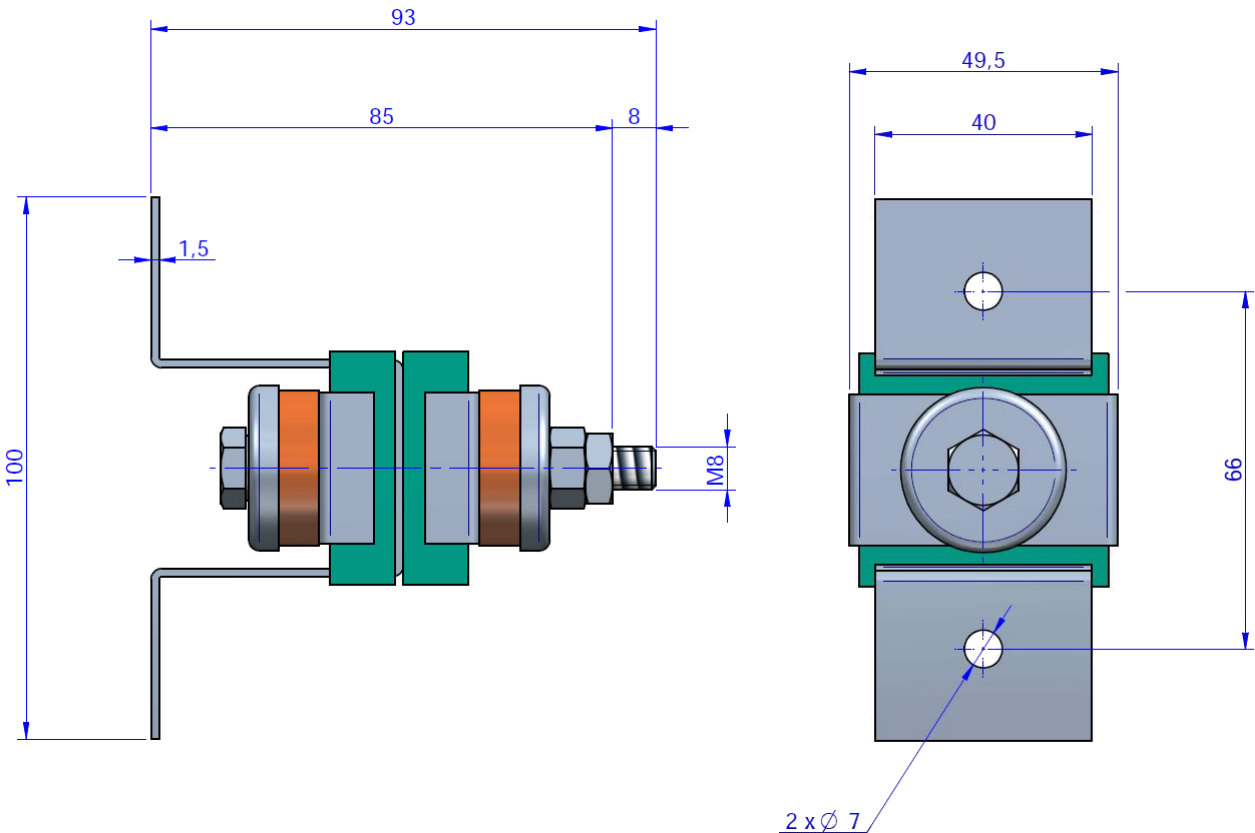
Low load = K_1



High load = K_2

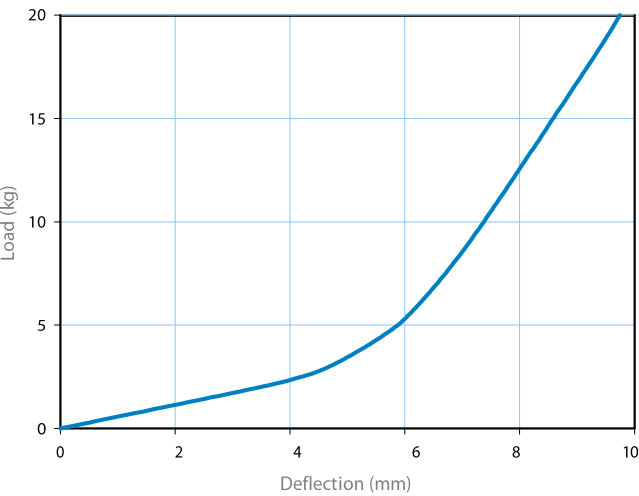


TECHNICAL CHARACTERISTICS

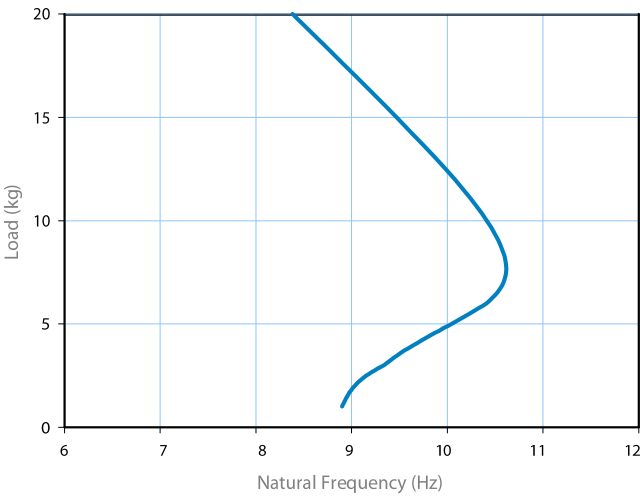


ELASTIC PROPERTIES

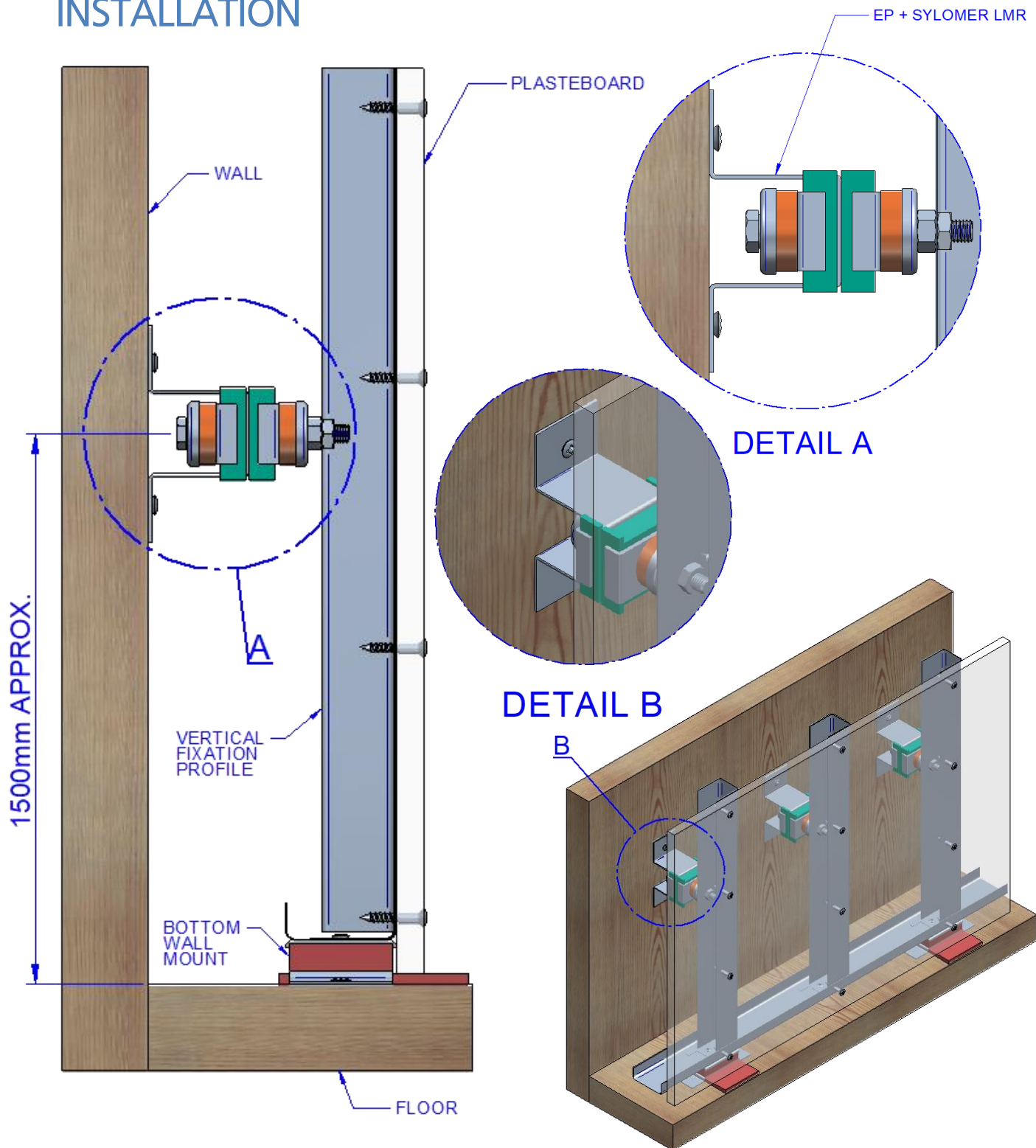
LOAD-DEFLECTION CURVE
EP + SYLOMER LMR



NATURAL FREQUENCY
EP + SYLOMER LMR



INSTALLATION



IMPORTANT NOTE:

EP + Sylomer LMR wall ties must not withstand vertical static loads. Bottom wall mounts should be used to withstand the weight of the acoustic wall.



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