Vibro-LB.F

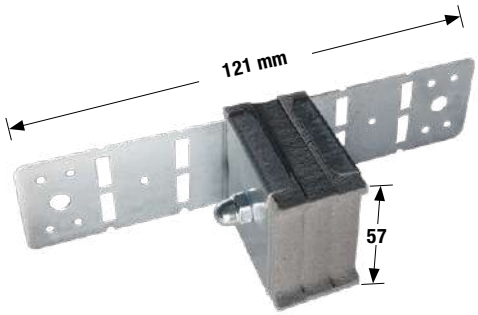
FOAM ANTI-VIBRATION WALL BRACE

Description

The **Vibro-LB.F** consists of two metal plates independently held together by a through screw with appropriately shaped metal caps for equal distribution of holding pressures. These plates have a suitable perforation to facilitate their configuration and for easy screwing to the vertical metal stud.

The intermediate anti-vibration element is made of semi-enclosed polyurethane foam **(Regufoam)**. There are different types of hardness and density grades suitable to cover a fairly wide load range. The different material densities are color coded for ease selection.

All diagrams and certificates for the mechanical and dynamic characteristic of polyurethane foam are available upon request.



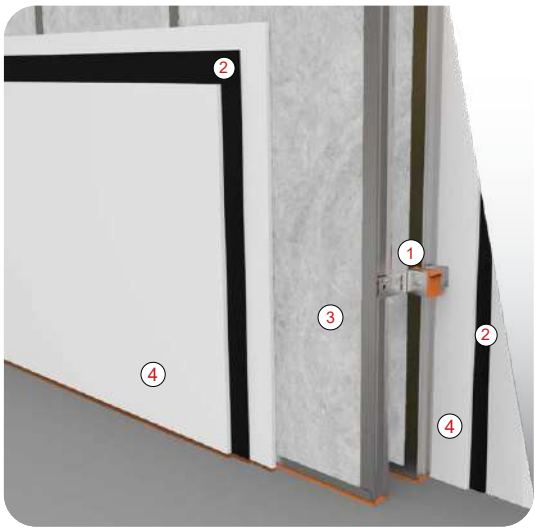
Why use Vibro-LB.F ?

-To avoid any direct connection between the double walls and increase their stiffness.
-To prevent wall buckling during earthquakes.
-Useful when a secondary wall is applied for improved sound insulation where rigid connections will cause unwanted sound bridge.

Selection Table

TYPE	COLOR CODE	MAX AXIAL RESTRAINT (daN)
Vibro - LB.F 10	Black	10
Vibro - LB.F 20	Grey	20
Vibro - LB.F 50	Beige	50

Application



Dynamic Characteristics

Natural frequency (at maximum load) :
- 21.7 Hz (12.5mm foam thickness)
- 14 Hz (25mm foam thickness)

1. Vibration Wall Brace
   Vibro LB.F
2. Mass Vinyl Noise Barrier
   ISOLfon - Barrier
3. Sound Absorption fiber slabs
   iZiFON
4. Gypsum Board

*Design and Production according to Quality Management System **ISO 9001.2008** & Environmental Management System **ISO 14001.2004***

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