

## Vikas Ceiling Hanger

LOH-VB

### Product Description

Spring isolator for vibration isolation of suspended equipment and installations.

These hangers offer great vibration isolation because of the large deflection provided of up to 30mm.

### Applications

The ceiling suspender is used for sound insulation in connection with hanging plain plasterboard ceilings.

The ceiling hanger is designed to isolate vibration from the suspended ceiling and the structural slab.

The wall mount is used in connection with the fixing of a sound insulating staggered plasterboard wall.

### Damping

Field measurements show that the sound insulated ceilings improve the sound insulation of the floor, horizontal division by up to 10 dB.

The apparent sound reduction index  $R'w$  is typically 58-60dB, but depends on the construction of the existing ceiling.

A sound insulated staggered wall reduces the air-transmitted noise by approximately 8-12 dB, depending on the construction of the existing wall.

### Advantages

- The ceiling suspender and wall mount provide optimal insulation against airborne noise
- Fire resistant construction. Lagging class 1 (DS 1065.2)
- Easy to fit and capable of accommodating unevenness in existing ceilings or walls

### Mounting

The acoustic ceiling has to hang free without direct coupling to other walls and pipes etc.

The sound insulating wall is fitted without direct coupling to other walls, ceiling and pipe penetrations.

Elastic joints are made between the sound ceiling and the wall, pipes, wires etc. during fitting.

The ceiling suspensions and wall mounts are delivered unassembled.



### Quantities

Approx.: 1.1 ceiling hangers per m<sup>2</sup> ceiling with 2 layers of plasterboard (~load: approx. 23kg/hanger).

Approx.: 1.5 ceiling hangers per m<sup>2</sup> ceiling with 3 layers of plasterboard (~load: approx. 23kg/hanger).

Approx.: 3.6 wall mounts per meter wall length (height of ceiling 2.2 - 2.7m)

### Note

Dimension X can be any length from 65 - 1200mm

