

Product description

Two galvanised steel fittings separated by an anti-vibration mount. The ceiling mount and wall bracket isolate effectively against vibrations/audio transmission in the audible frequency range.

Application

The ceiling mount can be used for sound insulation in association with suspended plaster ceilings.

The mount is designed to "support" and vibration-isolate the plaster ceiling against vibrations from the existing ceiling.

The wall bracket is used in securing the sound-absorbing secondary wall.

Damping

The field measurements indicate that sound-absorbing ceilings improve sound absorption in the storey partition by up to 10 dB.

The R_w reduction value is typically 58-60 dB for a correctly fitted ceiling, but it depends on the existing ceiling construction.

A sound-absorbing secondary wall reduces impact sound by 8-12 dB, depending on the existing wall construction.

Advantages

- The ceiling mount and wall bracket provide optimal isolation against airborne noise.
- Fireproof construction. Covering class 1 (DS 1065.2)
- Easy to install and can adjust for differences between the existing ceiling and wall

Note

Dimension X can be from 65 to 1200 mm



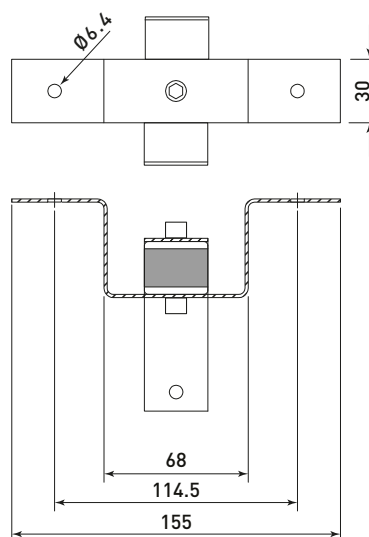
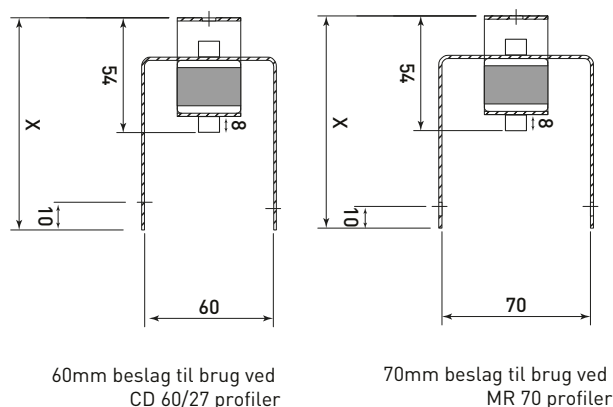
Assembly

The acoustic ceiling must be freely suspended without direct connections to the existing walls, ceiling and piping, etc. The soundproof wall is mounted without fixed connections to existing walls, ceiling and piping, etc.

Seal between the acoustic ceiling and the wall, pipes, wires, etc. with a flexible jointing compound.

Consumption

- Approx. 1.4 ceiling mounts per m² of ceiling for two layers of plaster (~ Stress: approx. 18 kg/mount).
- Approx. 1.5 ceiling mounts per m² of ceiling for three layers of plaster (~ Stress: approx. 23 kg/mount).
- Approx. 4.5 wall brackets per running metre of wall (ceiling height 2.5-3.1m).



Ceiling Hanger / Wall bracket

LOH/VB

General

The brackets are delivered unassembled and are comprised of the following parts:

Ceiling mount

1 hat profile, anti-vibration mount incl. 2 screws and strap.
Available in lengths from 65–1200 mm

Wall mount

1 hat profile, 2 anti-vibration mounts incl. 1 screw, 1 pinol screw and strap. Available in lengths from 65–1200 mm

It is also important to include the following in the design:

- 1 All joints, walls and penetrations must be soundproof. A flexible jointing compound must be used to seal.
- 2 Light fixtures etc. which penetrate the ceiling must be fitted with a soundproof superstructure.
- 3 If heavier things are suspended from the ceiling, additional ceiling mounts must be installed to accommodate the increased load.
(Each mount must be loaded with a max. of 28 kg.)
- 4 If the secondary wall is loaded by hanging heavier objects, etc., it must be fitted with extra wall mounts.

