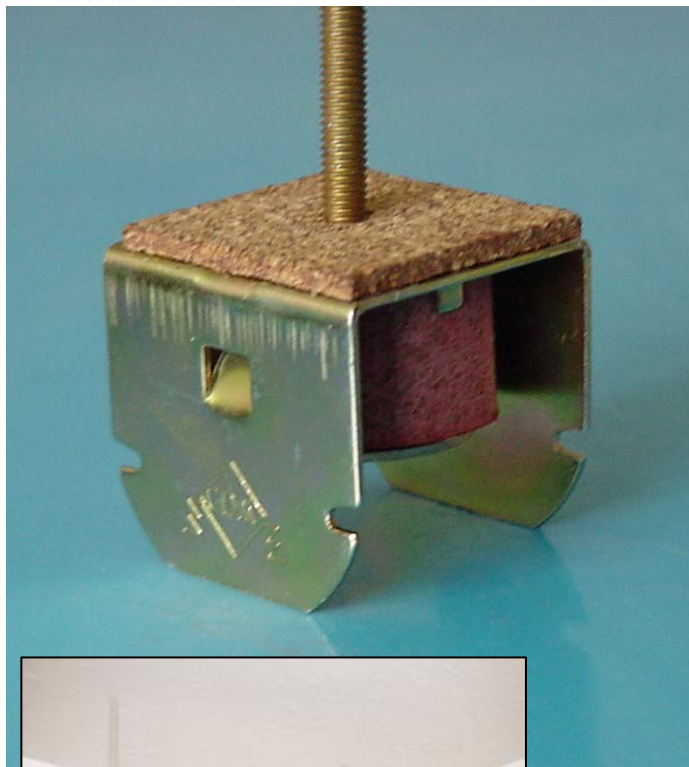


CDM-ISO-CC



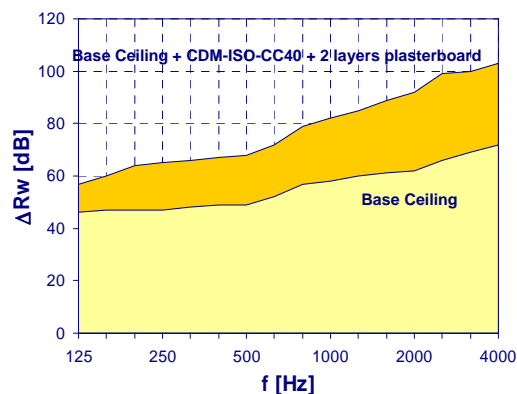
Sound Insulation for Ceilings Resilient Hanger Clip System



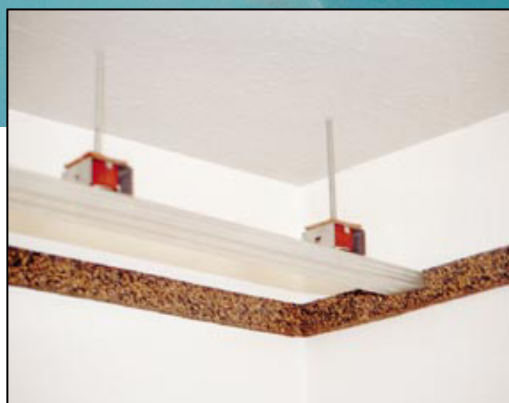
The **CDM-ISO-CC Acoustic Suspension System** is designed to optimise the sound insulation of suspended ceilings.

The system comprises of the **CDM-ISO-CC-40** hanger + the **CDM-PROFILAT** rail (45mm wide) that clips into the hanger.

f_{res} [Hz]	Type	Optimal Load per element [N]
11–12 Hz	CDM-ISO-CC40L	150 (100-200)
	CDM-ISO-CC40H	350 (200-550)



With **CDM-ISO-CC** suspension elements, **sound insulation improvements of more than 20 dB** can be achieved.



◀ Installation

Installation Guidelines

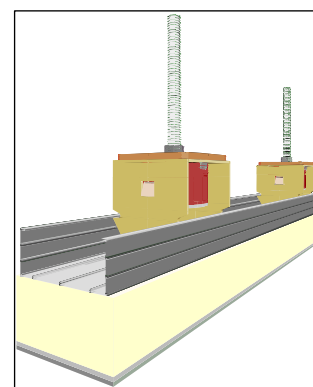
The hangers are mechanically fixed to the ceiling at maximum 1m centres using suitable fixings (eg. Hilti HKD into uncracked concrete) and then the **CDM-PROFILAT** rail is snap fitted into the hangers (for a 3m CDM-PROFILAT rail there would normally be 3 hangers – the first being 500mm from the end of the rail and the next 2 at 1m centres). There should be a **CDM-PROFILAT** rail every 600mm. **Failsafes** (which are supplied as standard with the CDM-ISO-CC-40 hangers) must then be clipped onto the top of the rail directly adjacent to each hanger. Plasterboard can then be fixed into the rails.

NOTE: M6 threaded rods, nuts and additional washers are not supplied unless requested

The minimum air void possible with this system is 45mm.

CDM-ISO-CC hangers must only be used with the **CDM-PROFILAT** rails (45mm/60mm) to ensure structural stability of the ceiling.

CDM-ISO-PERIMETERSTRIP (comes in 10m by 10mm thick self-adhesive rolls – width should be at least the thickness of the suspended construction) must be used to isolate the suspended ceiling from surrounding walls to avoid undermining the acoustic integrity of the ceiling.



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