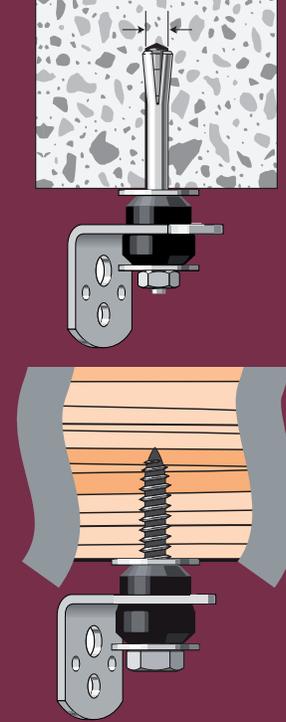


ACOUSTIVIBE

CDC AND WDC

SOUNDPROOFING



SOUNDPROOFING

SOUNDPROOFING ANCHORS FOR SUSPENDED CEILINGS



ACOUSTIVIBE CDC and ACOUSTIVIBE WDC anchors are used on structures other than wooden girders or joists. They separate the suspended ceiling from the structure to which it is attached.

ACOUSTIVIBE CDC

- For structures of concrete structural slab, of steel with concrete, or any structures other than wood with concrete in which the ceiling is suspended.

ACOUSTIVIBE WDC

- For full-surface wooden structures of mill floor or CLT types in which the ceiling is suspended ACOUSTIVIBE WDC can also be used with wooden girders or joists when using a suspended ceiling with acoustical tiles. If the suspended ceiling is gypsum, use the conventional ACOUSTIVIBE system with steel metal furring.

BENEFITS

- Easy to install
- Heavy-duty anchors
- Prevent the transmission of vibrations



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SURFACE PREPARATION

As ACOUSTIVIBE CDC and ACOUSTIVIBE WDC anchors replace conventional mechanical anchors, there is no specific surface preparation required other than to ensure that the structure can hold the suspended ceiling.

INSTALLATION INSTRUCTIONS

ACOUSTIVIBE CDC

The ACOUSTIVIBE CDC is installed every 48 in (122 cm) in both directions. First, drill a hole with the ACOUSTIVIBE CDC drill bit. The ACOUSTIVIBE CDC drill bit is already calibrated to have the correct dimension and length if the drilling is done until the drill bit shoulder reaches the perforated surface. Then, place the ACOUSTIVIBE CDC in the cleaned hole and complete the installation by tapping the bottom of the pin with the installation tool using a hammer or an impact drill while the installation tool is placed on the drill bit. Ensure that the pin is sufficiently tapped in so that the punch enters inside the pin at the upper part in the concrete. The punch then opens the pin, fixing it in the concrete. The ACOUSTIVIBE CDC can also be installed by removing the central pin, but not the upper steel washer, and by using a nail with an integrated steel plate that is installed with a powder-actuated tool. In such cases, it is not necessary to drill a hole using the ACOUSTIVIBE CDC drill bit, or to use the ACOUSTIVIBE CDC installation tool. However, ensure that the steel washer recovered from the pin is correctly placed on the nail between the rubber part and the concrete slab.

ACOUSTIVIBE WDC

The ACOUSTIVIBE WDC is installed every 48 in (122 cm) in both directions. Screw the ACOUSTIVIBE WDC wood screw into the wood decking. Attach the wires of the suspended ceiling to the ACOUSTIVIBE CDC or ACOUSTIVIBE WDC perforated pin. To level the ceiling, use the same method as a traditional suspended ceiling by adjusting the length of the wires.

SPECIFICATIONS

- Composed of galvanized steel, optimal acoustic load of 30 kg (66 lb)
- Indicative coverage of 0.8 to 1.0 m² (9 to 11 sq. ft.) per ACOUSTIVIBE CDC or WDC
- Packaging: delivered in boxes of 100 units
- ACOUSTIVIBE CDC installation tool and drill bit sold individually

Note: On an indicative basis, 2 layers of 16 mm (5/8 in) gypsum weigh about 19 kg/m² (4 lb/sq. ft.) So an Acoustivibe positioned every 0.84 m² (9 sq. ft.) will amount to a gypsum load of 16.3 kg (36 lb) per Acoustivibe, and an Acoustivibe positioned every (1.02 m²) 11 sq. ft. will represent a load of 20.0 kg (44 lb) per Acoustivibe.

If you have any questions about this product or its installation, please contact your SOPREMA representative.

