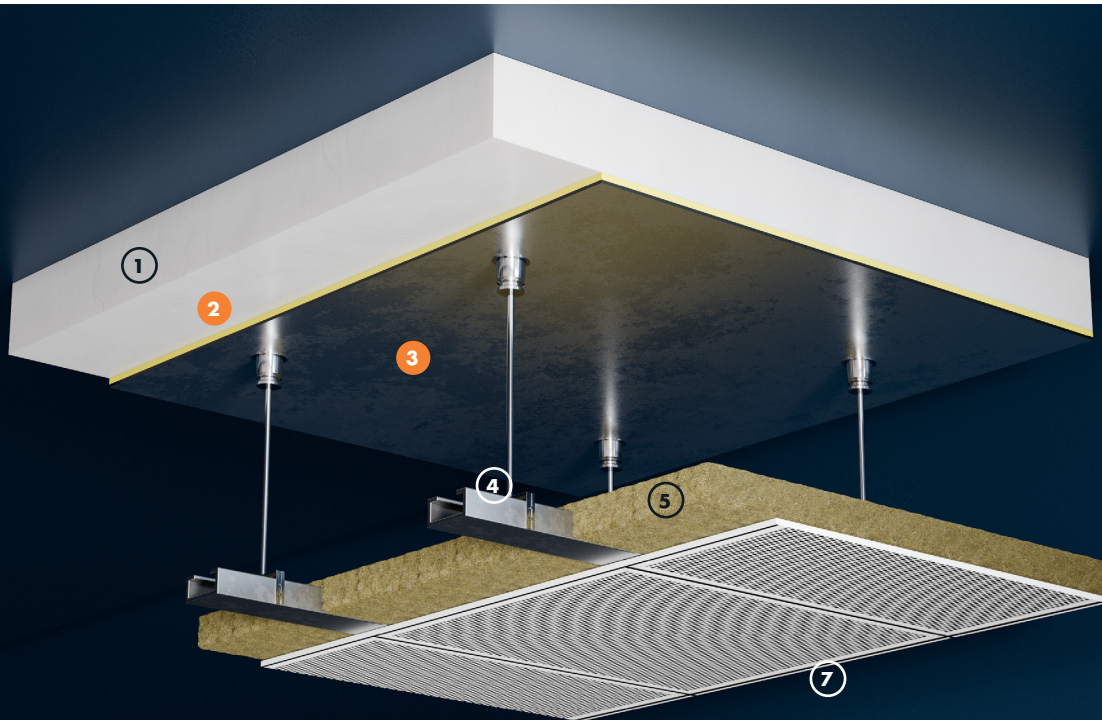


SUSPENDED ACCESSIBLE CEILING

Acoustic insulation: High-density acoustic membrane with cotton



TEF5



NOISE PROTECTION
ACUSTIDAN® PRO

ADVANTAGES

- Mass-spring-mass system with membrane resonator (low-frequency absorption) and medium and high-frequency absorbent.
- Improved acoustic insulation across the entire frequency range.
- Multilayer material fixed directly to the underside of the slab.
- Multilayer product with Bs1d0 fire classification suitable for use in accessible solutions.
- Suitable for different acoustic conditioning finishes.
- The GLUE-DAN® Acoustic, when applied on both sides, facilitates the fixation of ACUSTIDAN® PRO and its acoustic tightness.
- Its thermal insulation capacity can be increased by increasing the thickness of the mineral wool.
- The airtight chamber can be the minimum allowed by the space.
- Lightweight system with good flatness and quick execution.

LEGEND

Suspended ceiling:

- ① Slab
- ② Acoustic adhesive GLUE-DAN® ACUSTIC and PVC fixings
- ③ Acoustic insulation ACUSTIDAN® PRO 12/3
- ④ Gypsum board structure
- ⑤ Acoustic insulation mineral wool
- ⑥ Plasterboard for suspended ceiling

APPLICATION AREAS

- Offices.
- Classrooms.
- Private offices.
- Meeting rooms.

SUSPENDED ACCESSIBLE CEILING

Acoustic insulation: High-density acoustic membrane with cotton



TECHNICAL PRESCRIPTIONS

Function	Product	Description
Low-frequency sound absorption	ACUSTIDAN® PRO 12/3	Multilayer panel with high fire resistance for high-performance acoustic insulation.
Acoustic adhesive	GLUE-DAN® ACUSTIC	Water-based adhesive for acoustic insulation.

Note: This data sheet is part of a box-within-a-box acoustic system. See the table.

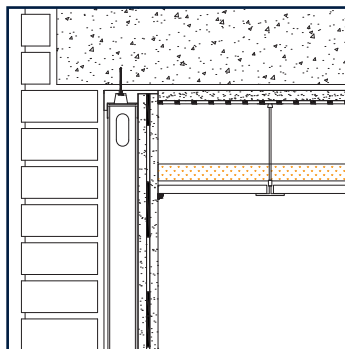
APPLICATION METHOD

Suspended ceiling system consisting of:

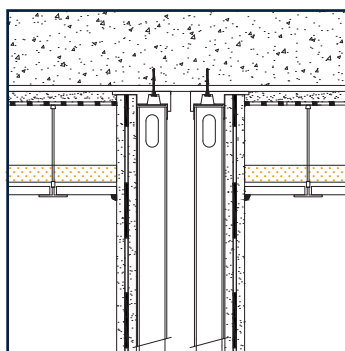
Plaster-coated slab with ARGOCOLA® Élite 500; low-frequency absorption through a double-layer membrane resonator, ACUSTIDAN® PRO 12/3 fixed with GLUE-DAN® Acoustic adhesive and mechanically with PVC fixings (length according to support, 5–6 fixings per m²). Steel profile structure, suspended from the slab with hangers and rods, with mineral wool (density of 70 kg/m³ and thickness of 40 mm) placed in the structure, and plasterboard or acoustic conditioning finishes for suspended ceilings.

$R_A > 50$ dBA

CONSTRUCTION DETAILS



Junction of wall with ceiling



Junction of ceiling with separating wall