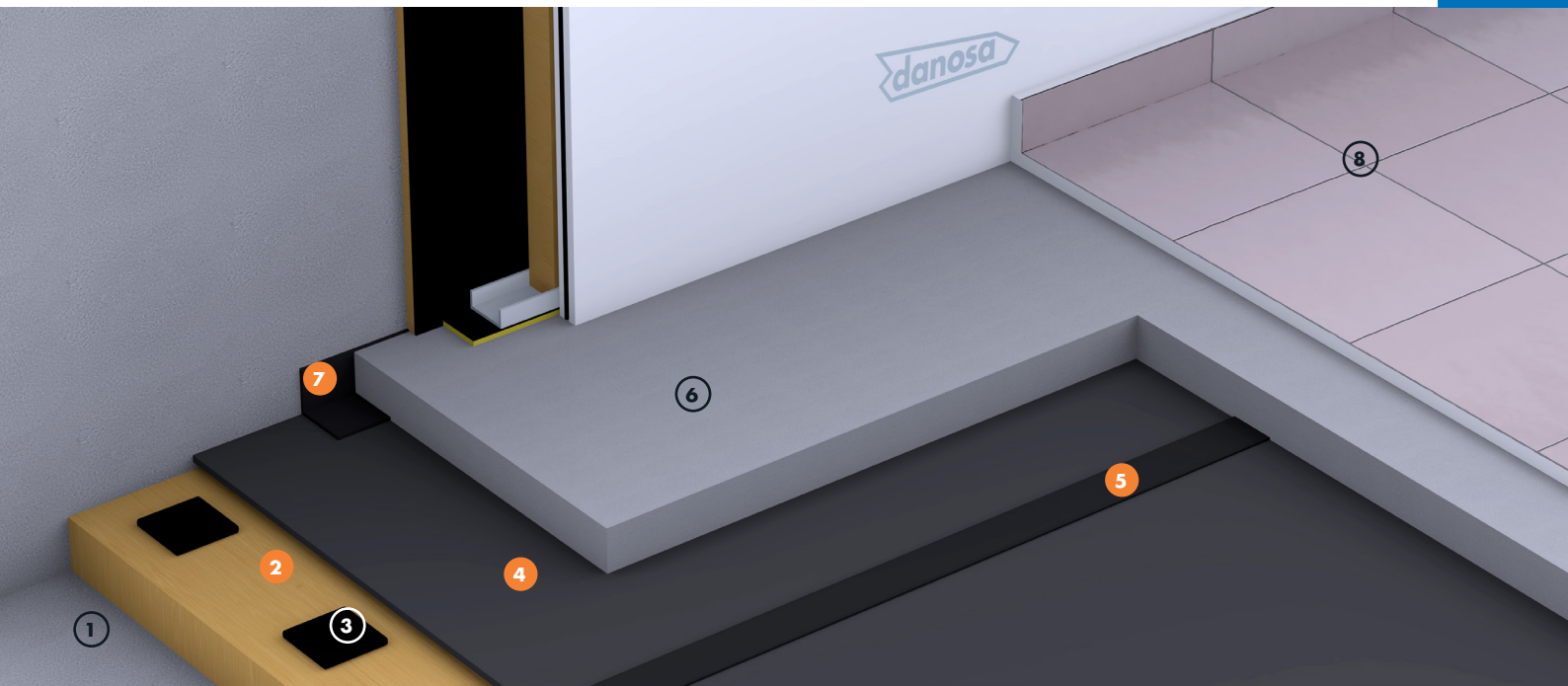


FLOATING FLOOR WITH OVERLOAD USAGE

Acoustic insulation: Rock wool / Cross-linked polyethylene / Shock absorber
Finish: As required



SUF5



NOISE PROTECTION
ROCDAN®

NOISE PROTECTION
IMPACTODAN®

ADVANTAGES

- Airborne noise insulation towards the lower floor $D_nT_w > 65$ dB
- Impact noise level towards the upper floor $L'_{nT_w} < 30$ dB
- The ideal system for damping impact noise at low frequencies
- The cross-linked polyethylene sheet protects from moisture and improves the damping of the system
- The mortar armed with mesh allows the entire interior partition to be built on the floating floor, reducing acoustic bridges
- The shock absorber prevents saturation of materials when there is a usage of overload.

LEGEND

Floor:

- ① Slab
- ② ROCDAN® 233/30 acoustic insulation
- ③ Acoustic shock absorber
- ④ IMPACTODAN® 10 acoustic insulation
- ⑤ Acoustic insulation Sealing tape 70 (Cinta de Solpe 70)
- ⑥ Screed of mortar reinforced with mesh, $e = 6$ cm
- ⑦ Acoustic insulation Peripheral band 200 (Desolidarizador perimetral)
- ⑧ Finishing

APPLICATION AREAS

- Machine rooms
- Music venues: pubs, cocktail bars, karaoke, discos, wedding halls
- Dance schools
- Fitness center
- Printing shops

FLOATING FLOOR WITH OVERLOAD USAGE



Acoustic insulation: Rock wool / Cross-linked polyethylene / Shock absorber

Finish: As required

TECHNICAL DETAILS

Function	Product	Description	Property	Value
Acoustic insulation for impact and air-borne noise	ROCDAN® 233/30	Rock wool panel of density $\geq 100 \text{ kg/m}^3$	ΔL_w	30 dB
			ΔR_w	6-9 dBA (according to mortar thickness)
Acoustic insulation for impact noise	IMPACTODAN® 10	Chemically cross-linked and foamed polyethylene sheet	ΔL_w	19 dB

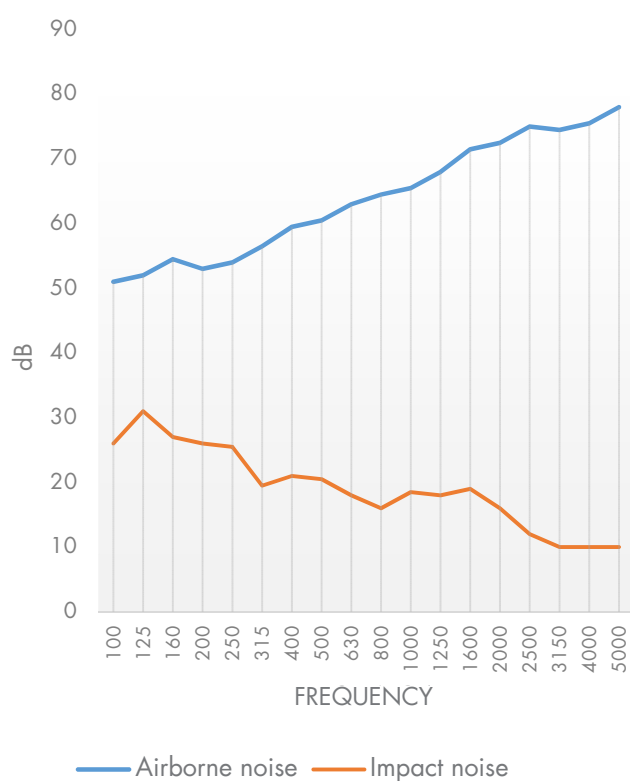
Note: This sheet is included in an acoustic box-in-box system

APPLICATION METHOD

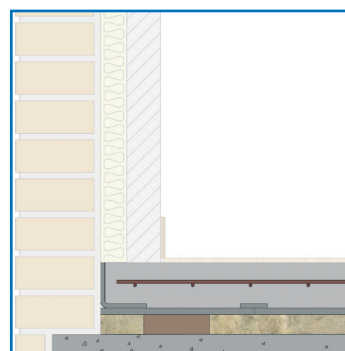
Acoustic insulation at low frequencies on floor formed by:
Distribution of rubber acoustic shock absorber according to overload of use between rock wool panel of density 100 kg/m^3 and thickness 30 mm ROCDAN® 233/30 and protected by chemically cross-linked and foamed polyethylene sheet, 10 mm thick, IMPACTODAN® 10 fixed

together with self-adhesive cross-linked polyethylene tape of 3 mm thick, Overlap tape 70 (Cinta de solape), mesh reinforced mortar with at least 6 cm thick, separated from the structure and installations by using peripheral band tape 200 (desolidarizador perimetral), ready to install the finishing.

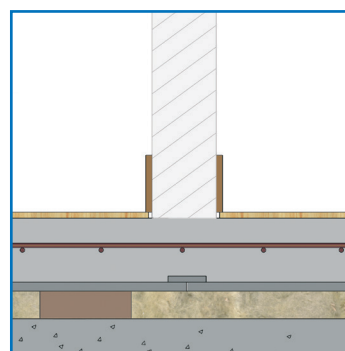
GRAPH



CONSTRUCTION DETAILS



Junction of floor with wall



Junction with interior partition wall