ACOUSTIC INSULATION

COMPLETE SOLUTION DESIGNED TO IMPROVE
ACOUSTIC QUALITY INSIDE BUILDINGS

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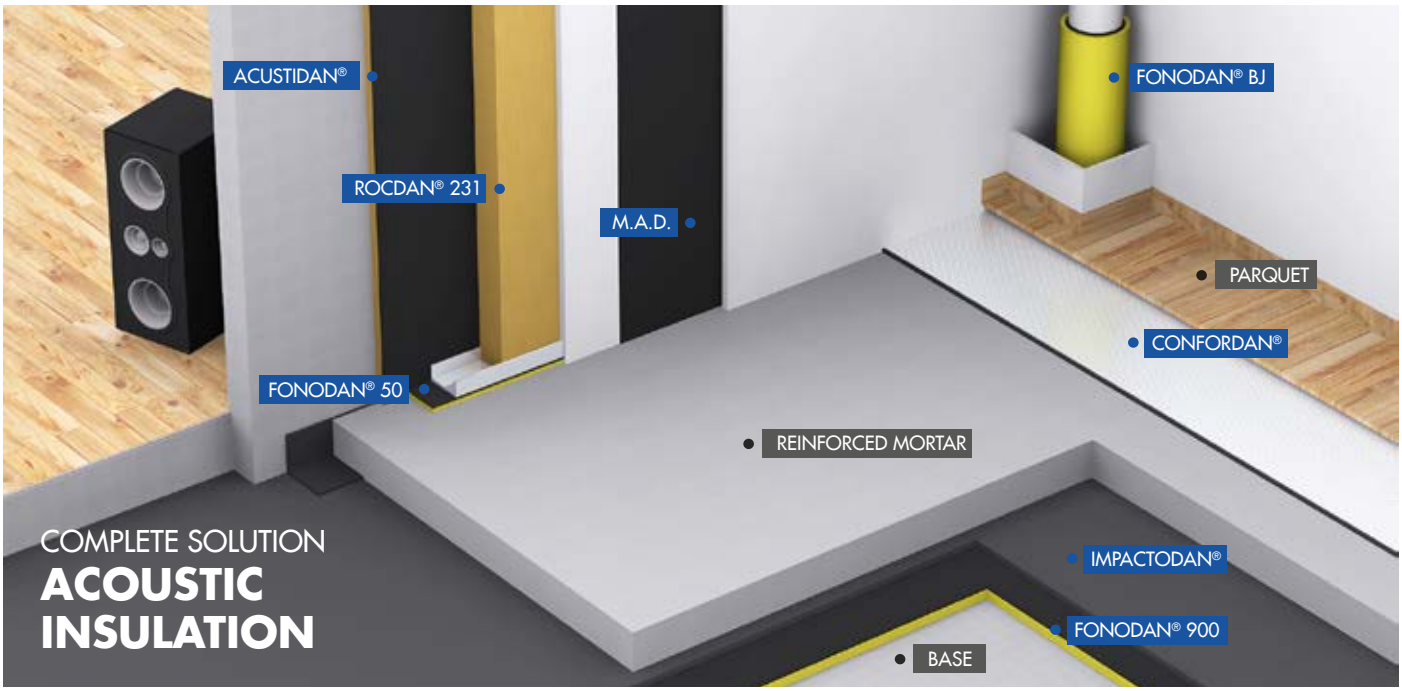
DANOSA ACOUSTIC INSULATION SYSTEMS are complete solutions designed to achieve proper acoustic quality inside buildings.

All products comprising the acoustic box of the premises to be insulated are designed to reduce or prevent the transmission of airborne and structural noises between the various rooms in a building.



ADVANTAGES:

- Multilayer systems capable of insulating acoustically over the entire range of acoustic frequencies.
- Systems capable of acoustically insulating impulse noises.
- Systems for preventing acoustic bridges in pipes and drainpipes.
- Systems designed to function as floating boxes inside the premises.
- Solutions with acoustic materials that absorb airborne noises.
- Solutions using materials with acoustic mass for attenuating the resonance of light-weight elements.
- Solutions for preventing impact noise.
- Self-adhesive products for easy application.
- Resale sizes appropriate for all types of applications.
- Systems tested and evaluated by certified European laboratories.
- System technically evaluated by independent European organisations.

APPLICATIONS:

Types of buildings:

- Buildings for public or private residential use.
- Health facilities such as hospitals and clinics.
- Teaching facilities such as schools, day care centres and universities.
- Administrative buildings and office spaces.
- Public buildings such as shopping centres and parking facilities.
- Commercial premises such as night clubs, gyms and music studios.

Application	Acoustic insulation	Product	Description	Value (dB)
Floors	Absorber	**IMPACTODAN®**	Flexible sheet of chemically cross-linked, closed-cell polyethylene sheet.	ΔL 18-27 Rw 54 - 66
Floors	Absorbent and anti-resonant acoustic material	**FONODAN® 900**	A two-layer material made of a self-adhesive, high-density membrane and a chemically cross-linked polyethylene.	ΔRw 4 - 5 Δ Ln 20 - 24
Floors	Absorber	**CONFORDAN®**	Flexible sheet chemically cross-linked polyethylene closed cell coated with a film of aluminized plastic.	Δ Ln 16-24
Walls and Ceilings	Anti-resonant acoustic material	**M.A.D 4**	High-density bitumen sheet covered on both exterior sides with a high-quality polyethylene film.	ΔRw 4 - 6
	Anti-resonant acoustic material	**Synthetic M.A.D**	High-density EPDM sheet	ΔRw 3 - 5
	Low and medium frequencies	**ACUSTIDAN®**	Two-layer product composed of a high-density bitumen sheet and an absorbent material made of cotton fibre and recycled cloth.	Rw 39 - 54
	Low, medium and high frequencies	**DANOFON®**	Two-layer product composed of a high-density bitumen sheet and an absorbent material made of cotton fibre and recycled cloth.	Rw 48 - 63
	Medium-, high- and low-frequency impulse noise	**SONODAN® PLUS SELF-ADHESIVE**	Multilayer product composed of cross-linked polyethylene, a double, high-density bitumen sheet and a rockwool absorbent panel.	Rw 52 - 67
	Medium and high frequencies	**ROCDAN® 231**	Flexible, light panel of mineral wool.	Rw 34 - 54
Metallic wall profiles	Absorbent and anti-resonant acoustic material	**FONODAN® 50**	A two-layer material made of a self-adhesive, high-density membrane and a chemically cross-linked polyethylene.	ΔRw 3 - 4
Pipes	Absorbent and anti-resonant acoustic material	**FONODAN® BJ**	A two-layer material made of a self-adhesive, high-density membrane and a chemically cross-linked polyethylene.	ILsingle 12 ILdoble 17

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