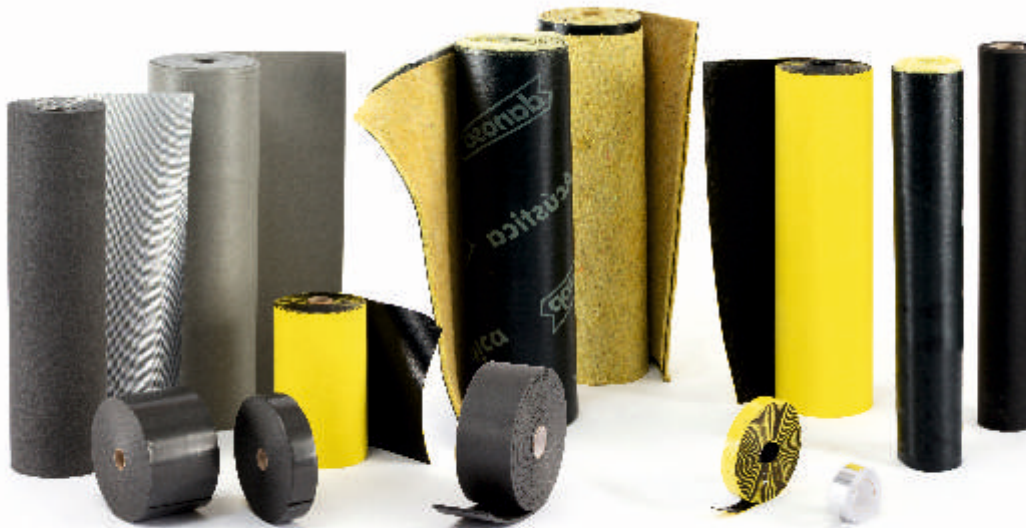




## ACOUSTIC INSULATION

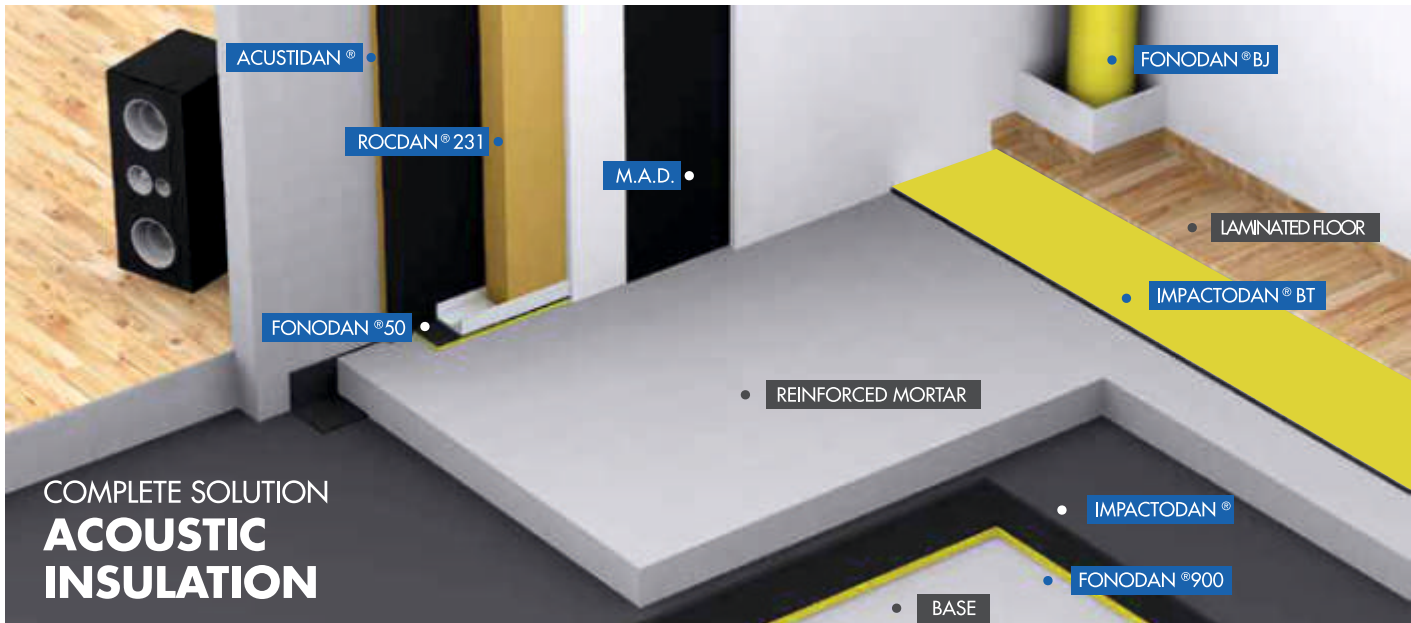
COMPLETE SOLUTION DESIGNED TO IMPROVE  
ACOUSTIC QUALITY INSIDE BUILDINGS

**TIKIDAN**  
Building together



**TIKIDAN 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
- Sizes appropriate for all types of applications

- System 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, parking facilities and hotels
- Recreational facilities such as night clubs, gyms, music studios banquet halls, theatres and auditoriums.

Application	Acoustic insulation	Product	Description	Value (dB)
Floors	Absorber	<b>IMPACTODAN®</b>	Flexible sheet of chemically cross-linked, closed-cell polyethylene.	$\Delta L_n$ 18-27 $\Delta L'_{nTw}$ 54 - 66
Floors	Anti-resonant and absorbent acoustic material	<b>FONODAN® 900</b>	A two-layer material made of a self-adhesive, high-density membrane and a chemically cross-linked polyethylene sheet.	$\Delta R_w$ 4 - 5 $\Delta L_n$ 20 - 24
Floors	Absorber	<b>CONFORDAN®</b>	Flexible sheet with chemically cross-linked closed cell polyethylene coated with a film of aluminized plastic.	$\Delta L_n$ 16-24
	Absorber	<b>IMPACTODAN® BT</b>	Flexible sheet with chemically cross-linked closed cell polyethylene.	$\Delta L_n$ 20 - 24
Walls and Ceilings	Anti-resonant acoustic material	<b>M.A.D®4</b>	High-density sound barrier sheet covered on both exterior sides with a high-quality polyethylene film.	$\Delta R_w$ 4 - 6
	Low and medium frequencies	<b>ACUSTIDAN®</b>	Two-layer product composed of a high-density sound barrier sheet and an absorbent material made of textile fibre.	$R_w$ 39 - 54
	Low, medium and high frequencies	<b>DANOFON®</b>	Multi - layer product composed of a high-density sound barrier sheet and an absorbent material made of textile fibre.	$R_w$ 48 - 63
	Low, Medium and high frequency impulse noise	<b>SONODAN® PLUS SELF-ADHESIVE</b>	Multi - layer product composed of cross-linked polyethylene, a double, high-density sound barrier sheet and a mineral wool absorbent panel.	$R_w$ 52 - 67
Metallic profiles	Anti-resonant and absorbent acoustic material	<b>FONODAN® 50</b>	A two-layer material made of a self-adhesive, high-density membrane and a chemically cross-linked polyethylene tape.	$\Delta R_w$ 3 - 4
Pipes	Anti-resonant and absorbent acoustic material	<b>FONODAN® BJ</b>	A two-layer material made of a self-adhesive, high-density membrane and a chemically cross-linked polyethylene sheet.	$I_{Lsingle}$ 12 $I_{Ldouble}$ 17