

Isoleco 2000 Absorber – acoustic hygienic panel absorber



Isoleco 2000 Absorber	Dimensions (module size) mm		Thickness mm
Type 2	600	600	50
	1200	600	50
	1200	900	50
	1200	1200	50
	1500	1200	50
other dimensions available on request			

Productdescription

Isoleco 2000 Absorber is an acoustically hygienic ceiling or wall element consisting of a self-supporting core of high-quality sound-absorbing glass wool completely tightly and seamlessly encased in Tedlar foil for excellent cleanability, and framed on four sides by a white-coated aluminium frame, the seams of which are sealed

Isoleco 2000 absorber is suitable for indoor use.

Properties

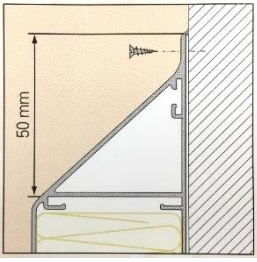
- Excellent sound absorption
- Suitable for use in rooms with very high and/or strongly fluctuating relative humidity
- Forms no breeding ground for mould and bacteria; inorganic, amorphous and germ-free
- Impermeable to micro-organisms and not affected by them
- Anti-static, UV-resistant, dustproof and resistant to a wide variety of chemicals and does not cause or promote corrosion
- Durable high light reflection and colourfast
- Self-supporting under all climatic conditions
- Bending strength according to EN 13964:2004 : 1/C/1.9N
- Diffusion resistance number of plastic sheeting: 2.7
- Light reflection capacity (γ-value) 0,72
- Fire, fire safety
 - base material (glass wool) is non-combustible according to ISO 1182
 - the product as a whole (with foil) is fireproof
- Fire spread
 - contribution to flashover according to NEN 6065: class 1
 - flame spread according to NEN 6065: class 1
- Smoke development according to NEN 6066: 6
- Euro classification Isoleco 2000 insulation/Tedlar EN 13501-1: B, S2, d0
- Contributes to compliance with HACCP syste

Application

Industry and commercial construction and specific applications include the chemical, pharmaceutical and food industries, cleanrooms, commercial kitchens, operating rooms, bottling plants and breweries

Type

- Type 2 with angled profile sides for wall mounting in dimensions (external):
700 x 700 mm, 1300 x 700 mm, 1300 x 1000 mm, 1300 x 1300 mm, 1600 x 1300 mm, thickness 50 mm

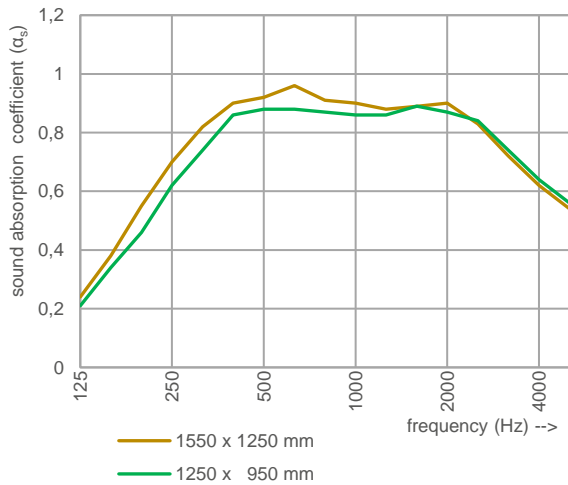


Type 2

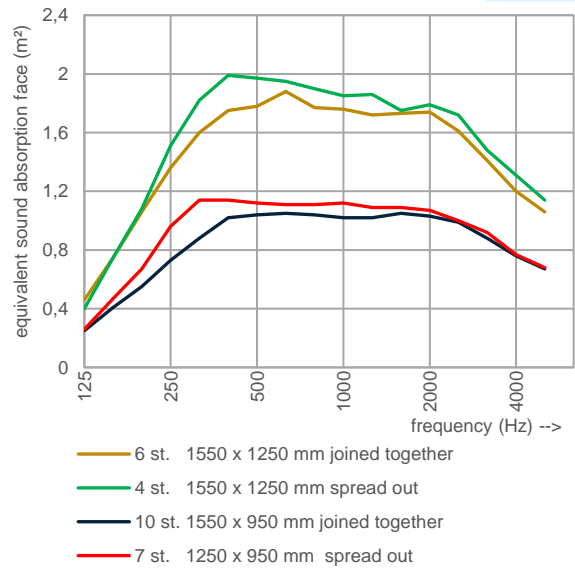
Sound absorption

Measured according to: EN ISO 354

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test reports available on request

Maintenance

Isoleco 2000 Absorbers are resistant to dusting, vacuuming and wet wiping

Cleaning

- Manual cleaning: the panel can be cleaned with lukewarm water in which a neutral detergent has been dissolved
- Spray-extraction cleaning: this cleaning method uses a combined water suction and pump device, equipped with a special spray-extraction nozzle; water containing a mildly alkaline cleaning agent is sprayed against the panel and immediately suctioned off; virtually no water is spilled with this method
- Foam cleaning: a lightly alkaline foam cleaning agent is sprayed against the ceiling or wall using a foam nozzle; after the prescribed soaking time, the panel absorber is hosed down
- High-pressure cleaning (only on Isoleco Absorber 2000 H, available on request only): with hot water, maximum 60 bar, with flat jet nozzle, minimum spraying distance 30 cm, spray off with detergent; rinse with clean water;
- Foam cleaning: spray against the ceiling with a foam nozzle; after the prescribed soaking time, rinse the ceiling with hot or cold water;
- Foamatic foam cleaning: spray the panel absorber with a special cleaning agent using a special foam syringe; after the prescribed soaking time, use a suction machine to remove the foam with the dirt from the panel absorber.