

ZEROKLASS WALL SOUND



Welkom bij STACKSER

STACKSER BV is al 20 jaar leverancier van metalen dak- en gevelsystemen. Met een uitgebreid productengamma en de exclusieve levering van diverse mooie merken, kan STACKSER als onafhankelijk leverancier kwalitatief hoogstaande dak- of gevelproducten leveren tegen een concurrerende prijs.

STACKSER uw leverancier voor:

- Pur/Pir sandwichpanelen voor dak en wand
- Brandwerende sandwichpanelen voor dak en wand
- Akoestische panelen
- Felsbeplating
- Gevel- en dakplaten enkelschalig
- Architectonische Façaden
- Profielbeplating
- Binnendozen

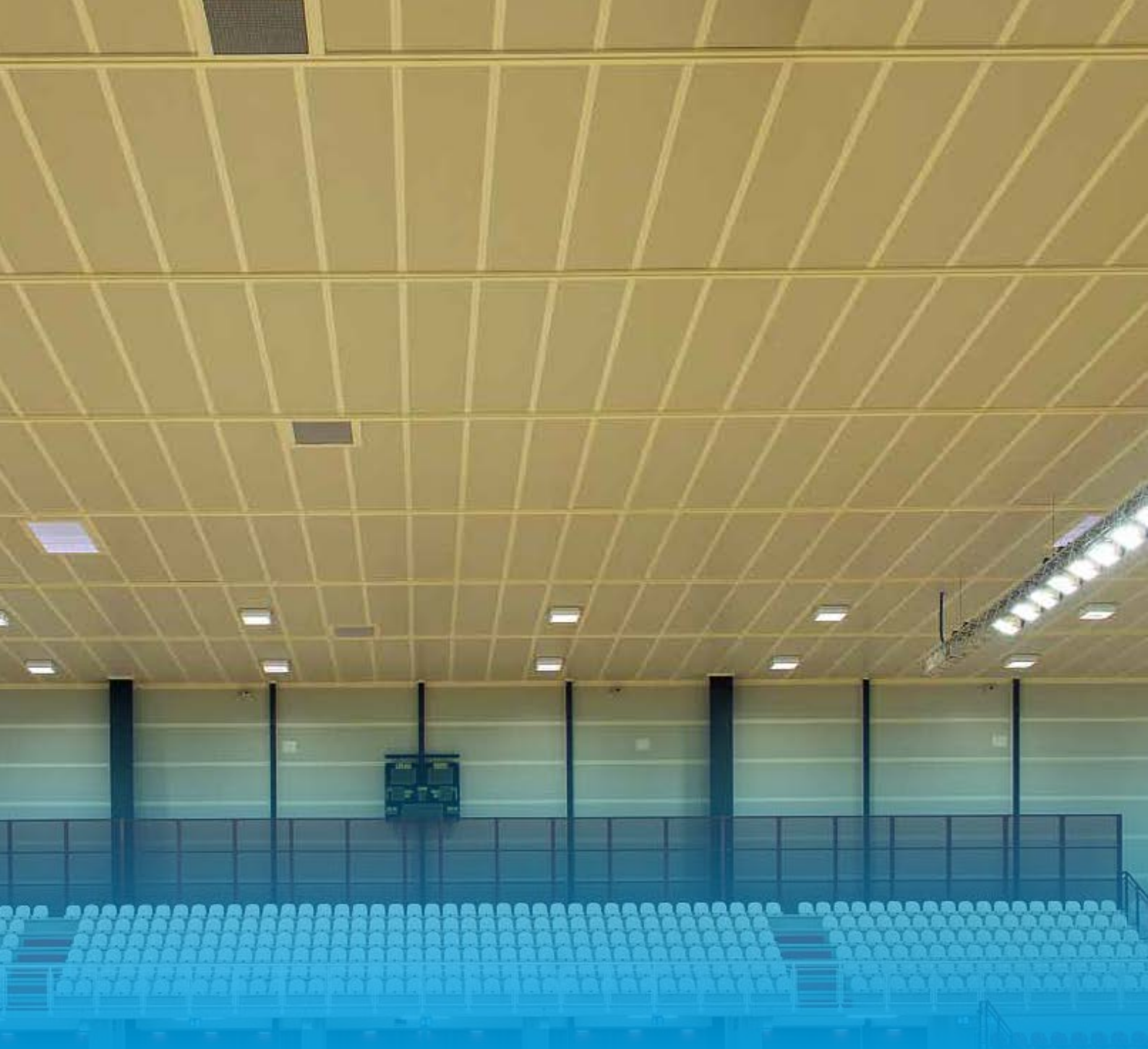
Ongekende toepassingen

STACKSER heeft mooie oplossingen voor projecten waar naast esthetische eisen ook hoge technische eisen worden gesteld. Denk daarbij aan luchtdicht bouwen en bijvoorbeeld aan geluids- en brandeisen voor ziekenhuizen, scholen, kantoorgebouwen en openbare gebouwen.

Alle STACKSER producten worden op maat gemaakt en op de bouwplaats aangeleverd.



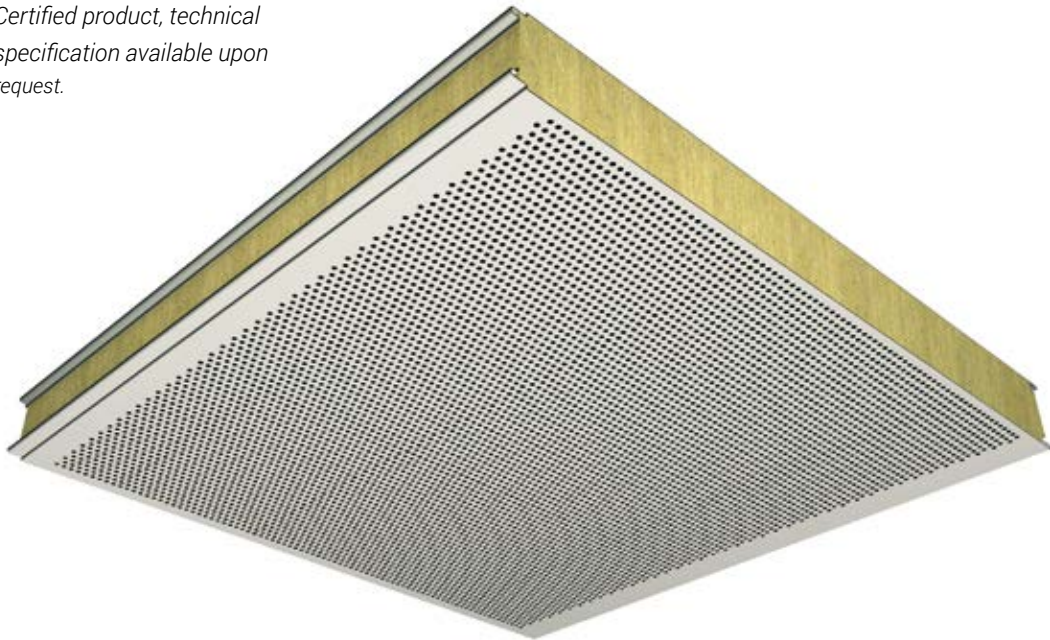
“Een mooie gevel
verdient STACKSER”



Sound insulating and absorbing wall panels
Panels certified for reaction to fire: Class 0-0
Sound insulation: R_w from 32 to 48 dB
Sound absorption: $\alpha_w = 1$

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Certified product, technical specification available upon request.



Dimensions

Module: 1000 mm Length: to order in continuous production.

Maximum length available 19 m.

Thicknesses: 50, 60, 80, 100, 120, 150, 200 mm.

Insulation

Comprises a layer of insulating material in an exclusive configuration of lamellas arranged in a staggered longitudinal pattern. Lamellas are made from biosoluble mineral fibres, positioned to lie perpendicular to the plane and the two supports. A non-flammable black glass tissue is assembled in between the insulation core and the perforated support to prevent dust fall. Density: 100 Kg/m³. Other densities available on request. Conductivity up to λ : 0.038 W/mK.

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Supports

Prepainted or plasticated galvanized steel; embossed or prepainted natural aluminium; stainless steel; copper. Standard thicknesses of galvanized and prepainted steel are 0.6 mm + 0.6 mm. Other thicknesses are available on request. The colours available for support painting are those indicated in the RAL table. Other customer-specified colours are available upon request, subject to minimum quantities to be agreed. The "Bi-Sound" version panel is assembled with both the metal supports perforated; "Bi-Sound" panels are available on request, subject to minimum quantities to be agreed.

Tolerance

Thickness	$\leq 100 \text{ mm} \pm 2 \text{ mm}$ $> 100 \text{ mm} \pm 3 \text{ mm}$
Length	$\pm 10 \text{ mm}$
Module	$\pm 1,5 \text{ mm}$
Off the square	max 3 mm

Planarity

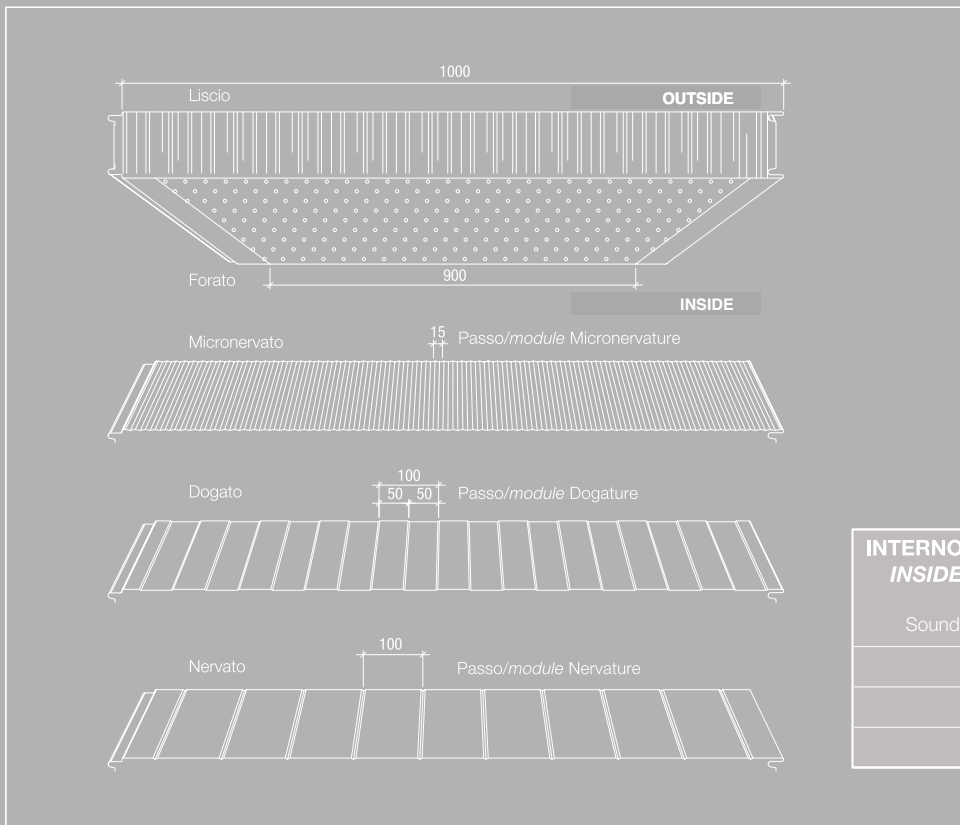
L = distance between farthest measurement points (1000 mm max)

m = misalignment

$L \leq 300 \text{ mm}$ $m \leq 1\%$

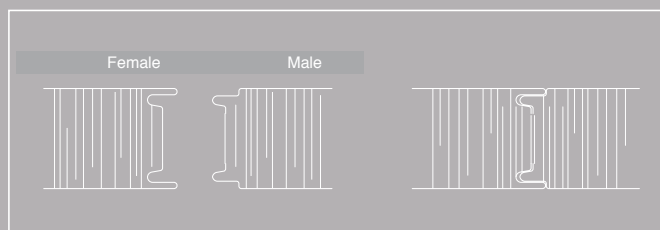
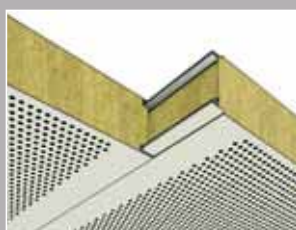
$L > 300 \text{ mm}$ $m = 3 \text{ mm max}$

S	Trasmittanza	Density of mineral wool	Panel weight										
	U		Sheet thickness 0,6+0,6 mm	Point load da N/sq.m					Point load da N/sq.m				
mm	W/m²K	Kg/mc	Kg/mc	60	80	100	120	150	60	80	100	120	150
50	0,76	100	13,80	3,00	2,80	2,25	1,90	1,50	2,65	2,50	2,00	1,70	1,30
60	0,63	100	14,80	3,30	3,00	2,45	2,00	1,60	2,90	2,70	2,20	1,80	1,50
80	0,47	100	16,80	4,00	3,60	3,25	3,00	2,40	3,45	3,10	3,00	2,60	2,10
100	0,38	100	18,80	4,40	4,00	3,70	3,30	3,00	3,70	3,40	3,10	2,90	2,45
120	0,32	100	20,80	5,20	4,80	4,40	3,90	3,60	4,40	4,00	3,70	3,40	2,90
150	0,25	100	23,80	6,00	5,50	5,10	4,50	4,10	5,00	4,50	4,30	4,10	3,20
200	0,19	100	28,80	6,90	6,30	5,90	5,20	4,80	5,80	5,20	5,00	4,80	3,70



The admissible span values shown in the table are the result of practical test performed at our factory and simultaneously guarantee a rise $f \leq L/200$ and a safety factor of 2.5 in relation to the breaking load. The transmittance values refer to an ambient temperature fluctuating between 10°C and 50°C.

INTERNO INSIDE	ESTERNO/OUTSIDE			
	Liscio	Micronervato	Dogato	Nervato
Sound	●	●	●	●





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