

TECHNICAL DATASHEET

SOLID — TYPE / MODEL: S11216-



Acoustic absorption panel with wall mounting.
The material has a thickness of 35 mm**.

Key dimensions**h (height)** = $\pm 600 \text{ mm}$ ****b (width)** = $\pm 1200 \text{ mm}$ ****w (depth)** = 129 mm ****Material thickness** = 35 mm **

PRODUCT DESCRIPTION

The Solid is a modular acoustic wall panel built from individual High (H) and Low (L) modules — an approximately 45 mm body finished in textile (recycled denim/cotton) over a sound-absorbing core — and is available in six colourways: Denim, Mint, Sky, Silver, Taupe and Anthracite. It is designed to reduce reverberation and improve speech clarity in offices, meeting rooms, hospitality spaces and home interiors. Acoustically it functions as a porous absorber: the fibrous textile dissipates incident sound energy while the staggered depth of the alternating H and L modules increases the effective surface area and scatters reflections, giving an equivalent sound absorption of roughly 1 m^2 per module (ISO 354). The modules mount vertically on a levelled, pre-equipped L-profile and attach by velcro or magnet — so what distinguishes the Solid is its fully reconfigurable, three-dimensional relief, combining genuine acoustic performance with a sculptural, tactile wall finish that can be rearranged or extended at any time.

DIMENSIONS & WEIGHT

Height (h)	$\pm 600 \text{ mm}$ **
Width (b)	$\pm 1200 \text{ mm}$ **
Depth / projection (w)	129 mm **
Material thickness	35 mm **
Standard sizes available	600x1200x129mm
Weight (per panel)	$\pm 3.06 \text{ kg}$
Weight per m ²	$\pm 2.20 \text{ kg/m}^2$

MATERIALS & CONSTRUCTION

Acoustic core	Perforated 20mm honeycomb cardboard covered with Hennepfelt of 7mm
Frame	Perforated cardboard
Cover / textile	Recycled jeans
Backing	None
Edge finish	Jeans fabric-wrapped
Recycled content	100%

ACOUSTIC PERFORMANCE

Sound absorption class (EN ISO 11654)	A
Weighted absorption coefficient α_w	1.00
Noise Reduction Coefficient (NRC)	0.95
Test standard	EN ISO 354
Mounting during test	Mounted on the floor

Sound absorption coefficient (α_s) per octave band

Frequency (Hz)	125	250	500	1000	2000	4000
α_s	0.3	0.6	1.0	1.1	1.0	0.9

Values from test report [report no. / lab / date].

FIRE & SAFETY

Reaction to fire (EN 13501-1)	Class E
Test standard / certificate	EN 13501-1
Other safety notes	no flaming-droplet

MOUNTING & INSTALLATION

Mounting type	Wall
Fixings included	Yes, L-Brackts with velcro attachment
Recommended substrate	plasterboard / concrete / etc.
Installation notes	Make sure to instal the panel level

FINISHES & OPTIONS

Standard colours	Denim, Mint, Sky, Silver, Taupe, Anthracite
Textile options	Jean

Custom options	<i>Bespoke textile is possible</i>
Minimum order quantity	1

SUSTAINABILITY & CERTIFICATIONS

Recyclability	100%
Emissions / VOC	A+ / Greenguard
Certifications	CE
Warranty	10 years

MAINTENANCE & CARE

Routine care

- Dust regularly with a soft brush or a dry microfibre cloth.
- **Vacuum on low suction** using a soft upholstery/brush attachment. Keep the nozzle just off the surface and move in the direction of the weave.
- A lint roller quickly lifts dust, hair and loose fibres between cleanings.
- Keep panels out of prolonged direct sunlight to limit colour fading.

Spot cleaning (light marks & stains)

- **Act fast.** Blot fresh spills immediately with a clean, dry, absorbent cloth — blot, never rub.
- **Test first.** Always try any cleaning method on a hidden corner or a spare module before treating a visible area.
- For remaining marks, lightly dampen (do not soak) a white cloth with cold water and a single drop of mild, pH-neutral soap. Dab gently, working from the outside of the stain inward.
- Wipe over with a second cloth dampened in clean water, then let the panel air-dry completely before refitting.

Removable modules

- Interior modules attach to the L-profile by velcro or magnet, so you can lift them off and lay them flat on a clean surface for easier cleaning and drying.
- Handle with clean, dry hands and refit only when the module is fully dry.

Please avoid

- Soaking or saturating the textile — water reaching the core can cause sagging, watermarks or odour.
- Bleach, solvents, alcohol or aggressive household cleaners.
- Steam cleaning, machine washing and tumble drying.
- Abrasive sponges, scouring pads or stiff brushes.
- Mounting panels where they are in constant contact with hands, grease or moisture.

Stubborn or set-in stains

- For deep or dried-in stains, use a professional textile / upholstery cleaner and tell them the panel has an acoustic core that must not be soaked.

For replacement modules or further advice, contact Resound

ORDERING INFORMATION

Article / SKU	S11216-00020 Solid Mint / S11216-00021 Solid Denim / S11216-00022 Solid Taupe / S11216-00023 Solid Anthracite / S11216-00024 Solid Silver / S11216-00025
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	<i>Solid Mint / S11216-00026 Solid Denim / S11216-00027 Solid Taupe / S11216-00028 Solid Anthracite / S11216- 00029 Solid Silver</i>
Packaging	<i>1 unit per box, 120x78x15cm, 3.06kg</i>
Lead time	<i>If in stock 1 day, if out off stock 10 workdays</i>
Country of origin	<i>Belgium</i>

** These values are approximate. Since we work with textiles, there may be limited deviations from the given values.

Technical data is subject to change without notice. Verify the latest revision before specifying. Datasheet revision: 06 / 2026