

SOFT PANEL

PRODUCT DATA SHEET

PRODUCT INFORMATION

Our unique **SOFT PANEL** is perfect for making a design statement whilst improving the acoustics of your room. The panels are also lightweight, meaning they are easy to handle and install.

Applications	<ul style="list-style-type: none"> - For internal use in many types of environments e.g. commercial offices, restaurants, hotels, retail etc. - Wall & ceiling panels or as suspended baffles (horizontal or vertical) 																											
Composition	<ul style="list-style-type: none"> - Made from 100% polyester fibre without chemical binders retardants - Contains a minimum of 60% previously recycled polyester fibres - Safe, non-toxic, non-irritant and non-allergenic 																											
Fabric / Finish	<ul style="list-style-type: none"> - Suede Finish in 32 standard colours with Hygienic properties - Also produced in Bespoke Fabrics and printed colours / images 																											
Hygienic Fabric	<ul style="list-style-type: none"> - The fabric is treated for protection against dust mites, mould and bacteria. Its surface will remain odour free by inhibiting the moulds which produce the smells and will continue to provide long term protection against dust mite pathogens. - This helps protect against allergies, asthma, psoriasis, rhinitis, sinusitis and even eczema symptoms. 																											
Fire Resistance	<ul style="list-style-type: none"> - 25mm thick Panel Core is -B- s2, d0 to EN13501-1:2007 - 50mm thick Panel Core is -C- s3, d0 to EN13501-1:2007 - Fabric can be Fire Treated if required – please contact us for further information. 																											
Installation	<ul style="list-style-type: none"> - Wall / Ceiling Panels – Supplied with cartridge adhesive – apply bead around perimeter of panel and then further beads at 150mm centres. Full instructions supplied with order. - Hanging baffles – supplied with suspension points in panels – suspension wires sourced elsewhere. 																											
Panel / Baffle Sizes	<ul style="list-style-type: none"> - Wall Panels / Suspended Horizontal Baffles Panel Widths: 2400, 1200, 600, 300mm Panel Heights: 1200, 600, 300mm - Suspended Vertical Baffles Baffle Widths: 1200, 600mm Baffle Heights: 300, 200mm - Also produced in bespoke sizes & shapes. 																											
Thickness & Weight	<ul style="list-style-type: none"> - 25mm – 2.4 kg/m² - 50mm – 4.8 kg/m² 																											
Acoustics	<ul style="list-style-type: none"> - Specifically designed to reduce and control reverberated (echo) noise in building interiors. <p>Sound Absorption Coefficient of the panel core* in accordance with ISO 354.</p> <table border="1"> <thead> <tr> <th>Frequency (Hz)</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> <th>NRC</th> <th>Class</th> </tr> </thead> <tbody> <tr> <td>25mm Thick</td> <td>0.10</td> <td>0.30</td> <td>0.65</td> <td>0.85</td> <td>0.95</td> <td>0.95</td> <td>0.70</td> <td>C</td> </tr> <tr> <td>50mm Thick</td> <td>0.25</td> <td>0.65</td> <td>0.95</td> <td>1.00</td> <td>1.00</td> <td>0.95</td> <td>0.90</td> <td>A</td> </tr> </tbody> </table> <p>*The application of fabric may enhance or reduce the panel's acoustic performance.</p>	Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class	25mm Thick	0.10	0.30	0.65	0.85	0.95	0.95	0.70	C	50mm Thick	0.25	0.65	0.95	1.00	1.00	0.95	0.90	A
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Environmental

- Made from 100% recyclable polyester and does not contain formaldehyde binders.
- Contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake) ensuring comparatively low embodied energy.
- The polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.
- The polyester used has been tested for chemical emission and is classified as low VOC.
- VOC concentration: 0.01 mg/m³

Impact resistance

- Impact resistance tested to EN13964:2004 and meets the criteria of Class1A; not adversely affected at impact velocities over 16.5m/s.

Cleaning & Maintenance

- The fabric responds superbly to cleaning tests on some of the most common household stains, such as red wine, tea and coffee, chocolate, shoe polish, make-up, and ink.
- Always test chosen cleaning methods on an inconspicuous area first and always follow any instructions specific to the cleaning solution you are using.

Non-oil Based Stains

- Treat spills and stains as soon as possible.
- Gently scrape any soil or mop any liquid from the fabric surface.
- **Approach the following steps carefully!** Mix a small amount of washing up liquid and warm water to create a weak solution (you don't want loads of bubbles) and apply to the stain with a damp cloth only, rubbing gently.
- Overzealous rinsing to remove soap residue may result in over-wetting, water marking and possible wetting of substructure. This may create other stains or damage products.
- Blot dry with a clean towel. Apply cool water (preferably distilled water) and blot dry again, then with a hair dryer working out from the centre of the stain, dry quickly to prevent rings forming. It is generally preferable to clean whole panels of fabric in this way rather than trying to spot clean specific areas.

Oil Based Stains

- As above, apply a proprietary brand solvent-based cleaner and generally try to ensure the cleaning is done in full panels – not spot cleaned. (A helpful industry 'secret' is for spot removal of oil based biro marks by the application of a conventional hairspray.)

Regular Care

- Remember that the long term villain DUST is settling daily on the fabric. Please vacuum weekly using low suction, to significantly extend the life of your fabric.
- It is important to note that no fabric is 100% colourfast and that it is impossible to prevent colours fading, where possible protect fabric from direct sunlight.

Completing the Process

- Once stains are removed, deodorise the affected area (with a deodoriser intended for fabric use) to remove any lingering odours. Always spray from sufficient distance so as not to wet the fabric, if you were to see spots appear from dampening, wipe over the whole panel with a damp cloth.

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