

Quietspace®

AUTEX



Quietspace for Education



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The Australian Government Education Building Revolution program offers schools an opportunity to refurbish, upgrade and install new facilities which in turn will assist with improved learning.

Research has shown that many children are having trouble hearing in today's modern classrooms due to noise bouncing off hard surfaces within the classroom. Windows, doors and painted surfaces are all highly reflective to sound and this reflected sound can confuse the ear. Sound arrives from several different directions at different times which results in a reduction of clarity. Other noises within the classroom add to the confusion and to overcome this the teachers volume of speech is often increased, adding to the noise problem.

Excessive noise and reverberation interferes with speech intelligibility, resulting in reduced student understanding and therefore reduced learning.

Quietspace will help to improve student learning by significantly reducing the noise reverberation in a classroom, resulting in a quieter and more conducive learning experience, which will benefit both the students and the teachers.

About AUTEX

AUTEX is an international leader producing high performance 100% polyester insulation for over 20 years. With manufacturing plants in Australia and New Zealand and active distribution around the world, AUTEX continues to innovate in both product design and manufacture, to broaden it's range of solution based products.

Quietspace has been created to compliment our range of standard bulk acoustic insulations used as wall partition infill, ceiling overlays, HVAC duct linings, and medium density absorbers and baffles. For more information on these products please refer to the AUTEX website or contact AUTEX directly.

Quietspace brings acoustic treatments to interior spaces in stylish forms, with various colors and design options. The Quietspace range includes three main products:

- > Quietspace Acoustic Fabric
- > Quietspace Acoustic Panels
- > Quietspace Workstation



Environmental Sustainability

Quietspace has achieved both Ecospecifier and GECA (Good Environmental Choices Australia) ratings and therefore are suitable for Greenstar Buildings projects. All Quietspace products are manufactured using 100% Polyester fibre and incorporate up to 75% recycled fibre content. Our manufacturing plants have a zero waste policy ensuring offcuts and waste fibres are recycled on site.

Polyester is non-irritant, non-allergenic and non-toxic, with no ozone depleting materials. Fibres are thermally bonded together without the need for chemical binders preserving the indoor air quality.

AUTEX maintains comprehensive ISO9001 & ISO14001 Certified Total Quality Management Systems.



Quietspace[®]

Quietspace Acoustic Fabric

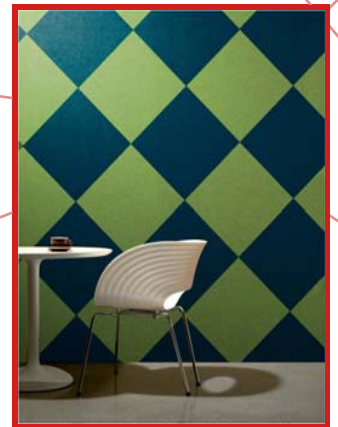
Quietspace Acoustic Fabric is a decorative interior wall lining with an NRC (noise reverberation co-efficient) of 0.4 when applied to large areas of wall space creates a quieter, more conducive learning environment.

Quietspace Acoustic Fabric is available in 25 metre roll format allowing easy and quick installation over new or existing wall surfaces. With 36 colors to choose from classroom walls can be transformed into expansive colorful pinboards.

It's durability makes it ideal for classrooms, and it's pinable, Velcro[®] friendly and can be laser cut into interesting designs.

Self Adhesive Tiles

Quietspace Self Adhesive Tiles come in 600mm x 600mm size allowing interesting checked patterns using dual or multiple colors. Easy to install on new or existing wall surfaces will add a sense of fun to any classroom.



Quietspace Panels

Quietspace Acoustic Panels provide a new dimension to acoustic and reverberation control. Available in 25mm & 50mm thick panels providing an NRC of .85 & 1.0. Panels are manufactured using a composite structure to offer superior absorption co-efficients making them perfect in areas where a higher degree of reverberation control is required.

36 fabric colors are available or they can be fabric wrapped using another fabric of choice. Plain white or plain black panels are available for use as high performance absorbers placed behind perforated panels. Plain white panels can also be digitally printed with photographic or digital designs without compromising their performance. A broad range of framing, finishing and mounting options are available for this super lightweight composite panel.

Quietspace Acoustic Panels are ideal for noise control in Auditoriums, Libraries, Gymnasiums and other Multi Purpose areas.



Quietspace Workstation



Quietspace Workstation is a high density 100% polyester based material designed for use with workstations and partition dividers. Workstation is available in a range of colors and thicknesses to suit various modular workstation partition systems.

Quietspace Workstation combines form and function with excellent acoustic absorption and a pinnable surface. 36 colors are available or plain white for an alternative fabric finish of your choice. Plain white can also be used for digital printing onto the surface.

Quietspace Workstation is lightweight & self supporting, which helps reduce the overall weight of the workstation systems.

Quietspace Technical Specifications

Acoustic Fabric

Format	
Rolls	25m x 1.22m wide
Peel & Stick tiles	600mm x 600mm
Thickness	10-12mm
NRC	0.4 (40%)
fastness to light	ISO105-B02-1994 Grey scale rating 1-5, Rating 3

Acoustic Panels

Format	
Standard size panel	2400mm x 1200mm
Thickness	25mm & 50mm
NRC	0.85 & 1.00 (85% & 100%)

Workstation

Format	
Standard size panel	2400mm x 1200mm
Thickness	6mm & 12mm
NRC	6mm with no air gap 0.19 (19%) 6mm with 25mm air gap 0.50 (50%) 12mm with no air gap 0.45 (45%) 12mm with 25mm air gap 0.70 (70%)

Fire Ratings

AS1530 Pt 3	0,0,0,5
AS3827	Group 3
	Avg specific rate of extinction 157.77m ² /kg
BS476	Part 5 Class P
	Part 6 11-5.2, 12-3.2, 13-0.8
	Part 7 Class 1y

Fire Ratings

AS1530 Pt 3	0,0,0,3
AS3827	Group 3
	Avg specific rate of extinction 546.3m ² /kg

Fire Ratings

AS1530 Pt 3	0,0,0,5
AS3827	Group 3
	Avg specific rate of extinction 546.3m ² /kg

For further information including full acoustic or fire test reports, minimum order quantity, care & maintenance guides, cutting and installation guides, specifications, or information regarding custom sizes please contact Autex Pty Ltd.



Quiet Art Soundproofing

Autex Quietspace Preferred Supplier and Installer

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