DYNAMIK

The Sports Walling Specialist

With over 25 years' experience, DYNAMIK are leading UK providers of indoor sports flooring and acoustic walling systems.

We provide the specification, supply and installation of premium sports systems, enabling us to offer solutions that perfectly meet both the needs of a facility and its users.

Our range of sports wall panels come pre-finished in a selection of colours or wood effects, making them easy to clean, highly durable and decorative.

Official Partners

What We Offer

- UK System Design and Manufacture
- Fully warrantied DYNAMIK supply and installation
- New Build or Refurbishment Options
- Panels certified and tested for sports environments
- High impact resistant wall panels
- Variety of levelling and fixing options
- Fire-Rated Panels B-s1,d0
- RIBA Product Selector, BIM & NBS Source & Chorus

Our Credentials

- Over 25 Years Supporting British Sport
- National Governing Body (NGB) Partnerships
- Sports Facilities Group (SFG) and SAPCA Member
- In-House Design and Installation Expertise
- DBS, HMP, MOD & Local Authority Certified
- Fully FSC and PEFC Certified
- All Products Fully Compliant and tested to UK Regulations
- Nationwide installation and distribution

Introduction

DYNAMIK offer a variety of high-quality wall panel options to suit your budget and specific requirements. Whether you prioritise acoustics, durability, aesthetics—or all three—our solutions are designed to meet your needs.

Unlike traditional internal wall finishes, our walling systems are engineered for impact in the sports hall environment. Rigorously tested for performance and durability, our panels ensure long-lasting quality when installed by our expert team, they come with a warranty, giving you complete peace of mind in both our product and workmanship.

Perforated (Acoustic) Panels

DYNAMIK Acoustic Sports Wall Panels provide a cost-effective solution for sports hall environments. Designed for internal wall construction they can be fitted from floor to soffit to meet bespoke design specifications.

The perforated panels can achieve acoustic performance as a Class A sound absorber.

Solid Panels

DYNAMIK Solid Sports Wall Panels provide superior impact resistance from balls, equipment and hall users. They can be fitted from floor to soffit and combined with our perforated (acoustic) panels, as required.

The impact resistance of the wall lining system provides protection to the partition and is pre-finished, eliminating the need for costly and time-consuming blockwork and wet trades.

Fabric Panels

DYNAMIK Fabric Acoustic Sports wall panels have a high-density glass fibre core which provides impact resistance from balls, equipment and hall users.

The panels are fire rated to National Class 1 to comply with Building Regulations, Sport England and the Department for Education – Education & Skills Funding Agency (ESFA) requirements.

Decorative Panels

DYNAMIK Decorative Timber Panels and D-Slat Panels provide a durable and cost-effective solution to any space, offering high-performance sound absorption.

The panels are fire-rated to European Standard B-s1,d0 to comply with Building Regulations, Sport England and the Department for Education – Education & Skills Funding Agency (ESFA) requirements.

Solid & Perforated Wall Panels

The DYNAMIK Panels provide a highly decorative and durable solution for busy sports hall environments. With high scratch, impact resistance and certified for sport, the panels are designed to be an integral component of the internal wall construction and can be fitted from floor to soffit for complete coverage.

Our premium solid panels can be combined with perforated (acoustic) panels to provide a continuous, flush wall finish. This enables Class A or Class B acoustic performance to be achieved as desired.

Principle Features

Durability & Impact Resistance – Provides superior impact resistance from balls, equipment and hall users. This allows for both solid and acoustic panels to be used from floor to soffit in a variety of layouts and designs.

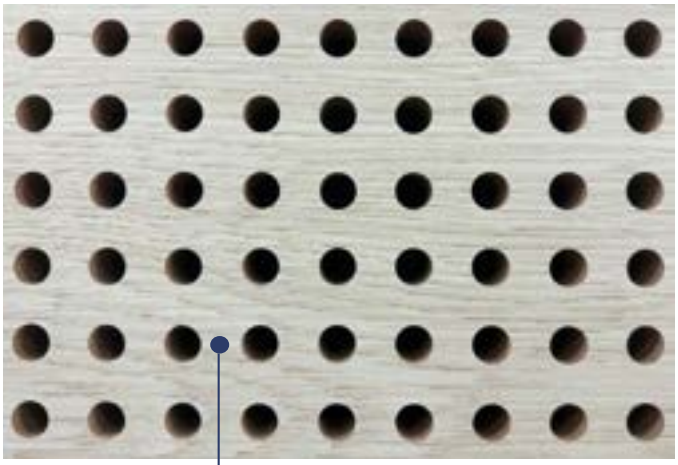
Time & Cost Savings – Can be installed in combination with structural SFS or timber studwork. This eliminates the need for blockwork and other wet trades with suitable substructure i.e SFS or stud partitioning.

Factory Finished – Every panel is factory finished with a low maintenance, UV resistant, durable surface that does not require re-finishing.

Secret Clip Fixings – DYNAMIK secret clips allow for a seamless finish. They also provide a consistent spacing between adjoining boards.

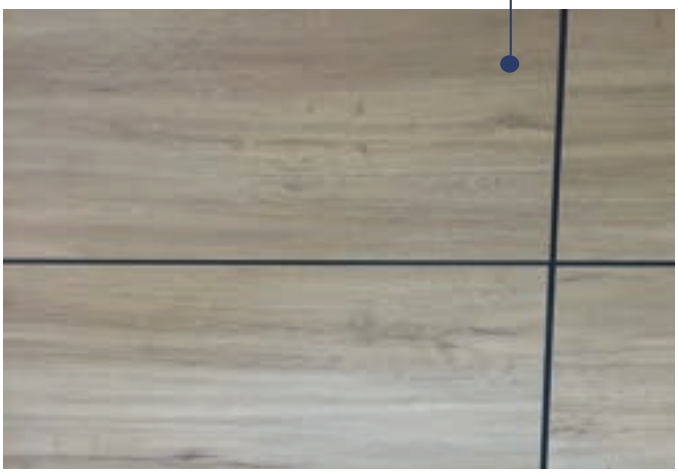
Fire Performance – The complete system - panel, face, core and fleece has been fire tested and rated to Euroclass B-s1,d0.

Colours - The panels are available in a range of colours & wood effects to provide a modern appearance that complements the sports floor and can achieve the required Light Reflectance Values (LRVs).



Perforated (Acoustic) panel

Solid panel



Fixings & Installation

The panels are typically fixed to horizontal levelling battens at 400mm centres which are packed level without undulation or steps. Studwork or the supporting structure must be free of flex, movement, and meet the standard line loading requirements required for category C5 within BS EN 1991-1-1:2002. A black acoustic shadow membrane is placed over the studwork to "effectively" hide the gap between the panels and make the black metal brackets appear "invisible". The panels are then installed using the supplied secret clips to ensure a consistent 7mm spacing between adjoining boards. Insulation can be incorporated behind the panels to enhance thermal resistance and acoustic performance. *

** Subject to project specific design requirements*

Technical & Performance Specifications - Solid & Perforated (Acoustic) Panels

Panel Face	Factory finished, available in a range of colours or wood effects (Bespoke available)
Fire Performance	Rated to Euroclass B-s1,d0
Panel Sizes (l x w x d)	Solid: 2400mm x 1200mm x 18mm / 2400mm x 592mm x 18mm Perforated: 2400mm x 1200mm x 18mm / 2400mm x 592mm x 18mm (Confirm prior to final design)
Compliance	Building Regulations, DfE, ESFA & Sport England Compliant
Panel Weight	Solid Panels: 40.60kg / 19.92kg Perforated Panels: 38.72kg / 18.96kg
Acoustic Performance	Class A - Perforated panels (50x50mm batten system) Class B - Perforated panels (25x50mm batten system)

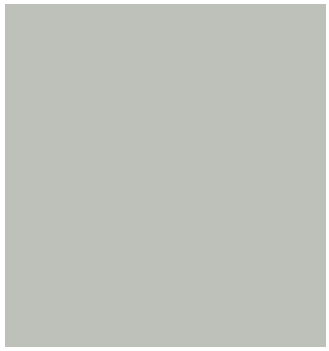
Panel Colour Guide

Our premium sports wall panels are available in a range of pre-finished colours and wood effects to complement your sports floor. We illustrate below our range of Solid and Perforated (Acoustic) Sports Wall Panel colours.

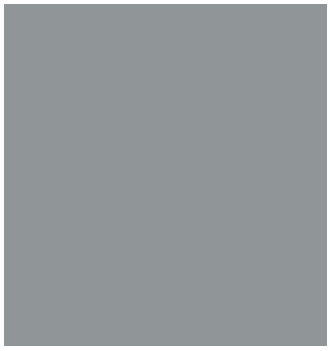
White LRV 85

Light Ivory LRV 79

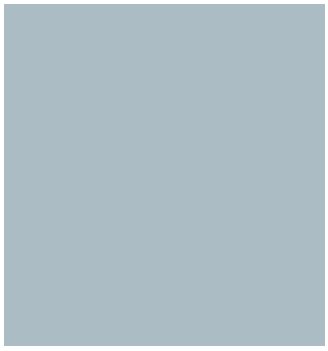
Silver Grey LRV 79



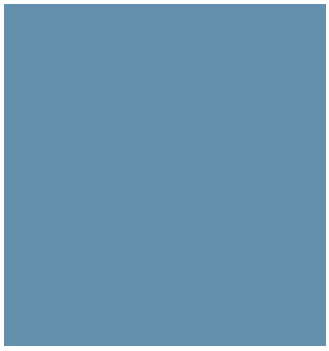
Light Grey LRV 56



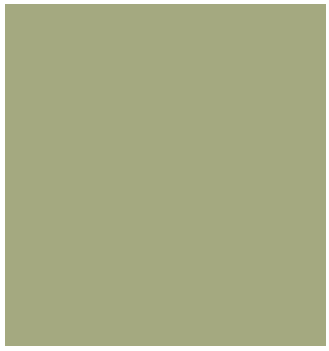
Grey LRV 36



Sky Blue LRV 57



Pastel Blue LRV 38



Sage LRV 47

Birch LRV 61

Ash LRV 65

Country Oak LRV 48

White Oak LRV 55

Sonoma Oak LRV 47

Light Oak LRV 28

Natural Oak LRV 45

Bavarian Beech LRV 34

Fast Fix Refurbishment System

DYNAMIK Fast Fix System is a durable, high performing decorative solution specifically designed and certified for renovating existing sports hall environments.

The uniqueness of design means that production time is reduced and installation is quicker, making this our most cost effective solution for transforming any indoor sporting environment.

The DYNAMIK Fast Fix System doesn't compromise on performance, with the panels providing high scratch resistance, high ball impact resistance and Euroclass B-s1,d0 fire rating. As a wall finish the system has reduced embedded carbon and is less labour intensive than cement finishes and more durable than plasterboard.

This is a face fix panel system designed to be an integral component of the internal wall construction and can be combined with our Active fabric (acoustic) Class A panels to provide the perfect balance between ball impact, durability and reduced noise reverberation. Ideal for covering old brick or blockwork or replacing damaged plasterboard panelling.

Principle Benefits

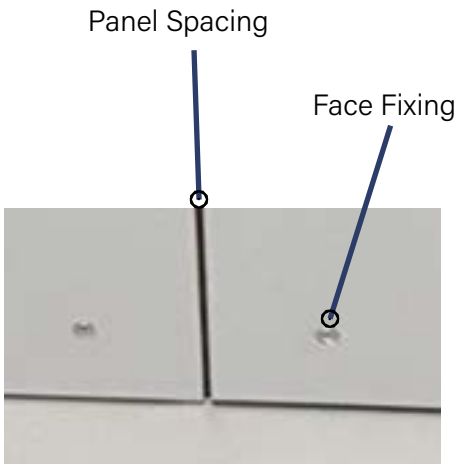
Durability & Impact Resistance – Provides superior impact resistance from balls, equipment and hall users.

Time & Cost Savings – This systems is perfect as a part of a sports hall refurbishment as the works are low impact, clean and can therefore be scheduled for minimal disruption. In comparison to alternative finishes the panels offer lower maintenance costs over the buildings life-cycle.

Factory Finished – Every panel is factory finished with a high scratch UV durable surface that does not require re-finishing.

Fire Performance – The panels are fire rated to comply with Building Regulations, Sport England and the Department for Education - Education & Skills Funding Agency (ESFA) requirements.

Colours - The panels are available in a range of colours & wood effects to provide a modern appearance that complements the sports floor and can achieve the required Light Reflectance Values (LRVs).




Before
After

Active Acoustic Panels

Principle Features

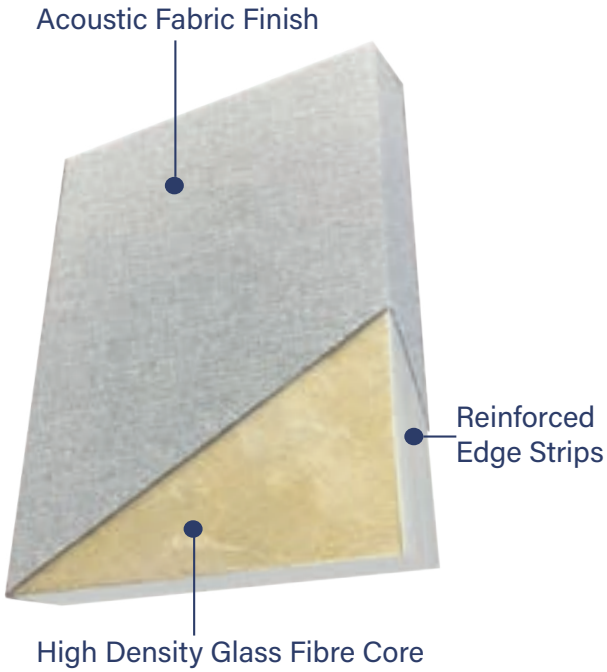
Durability & Impact Resistance – A high density glass fibre core designed for superior impact resistance from balls, equipment and hall users. Certified for sport usage.

Time & Cost Savings – The panels are easily installed to any solid surface providing a cost effective acoustic solution ideal for refurbishment.

Secret Fixing – The supplied impaling spikes offer a fast panel installation method and eliminate unsightly edge or corner fixings.

Fire Performance – The panels are fire rated to comply with Building Regulations, Sport England and the Department for Education - Education & Skills Funding Agency (ESFA) requirements.

Colours - Panels are fully customisable for colour and shape and come in a range of coloured fabrics typically available within 7 days.



Technical & Performance Specifications - Acoustic Impact Fabric Panel

Panel Sizes	Bespoke sizes between 3m (L) x 1.2m (W)
Panel Depth	40mm
Panel Weight	4.5 kg / m^2
Fire Performance	Rated to Euroclass B-s1,d0
Acoustic Performance	Class A (0.95 NRC)
Compliance	Building Regulations, ESFA & Sport England compliant

Installation

Installation of the DYNAMIK Active and Comfort Acoustic Panels is quick and easy since each 2.4m x 1.2m panel only weighs 14.5kg and can be fixed to a range of solid surfaces including timber, concrete, masonry, or plaster.

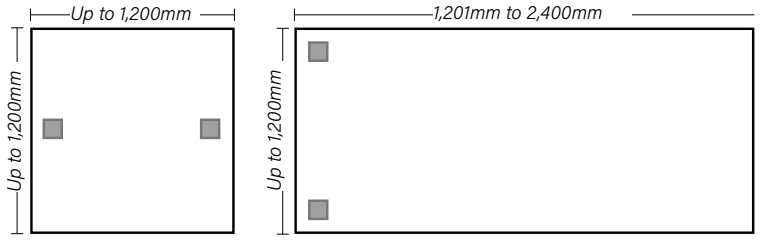
All wall surfaces to which the panel will be applied should be clean and dry. Panels can be fixed to most surfaces including concrete, plasterboard and block work providing they are solid, wallpaper should be removed, gloss paint roughened and emulsion paint brushed with a stiff brush.

Note: Panels MUST be checked for colour shading differences, flaws, defects or damage prior to installation. Once installation has been commenced, the panels are deemed to have arrived in perfect condition – any of the above reported after installation will not be covered by your warranty.

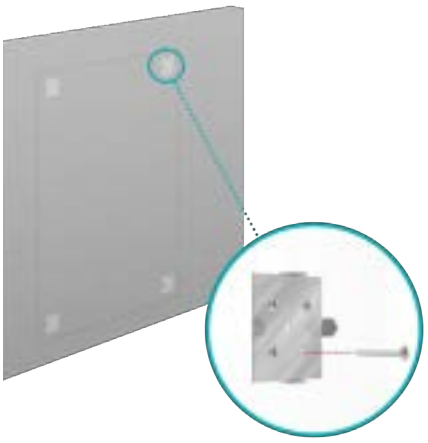
Prior to installation you should have:

- DYNAMIK Acoustic Fabric Panels
- Impaling Clips
- Contact Adhesive

We recommend using the following number of impaling clips per panel.

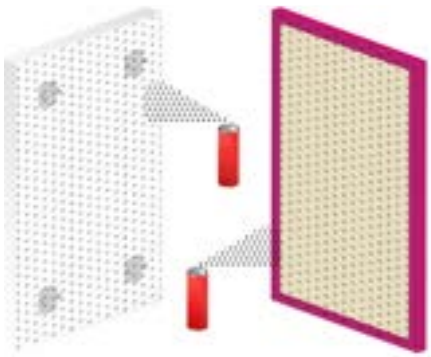


Step 1



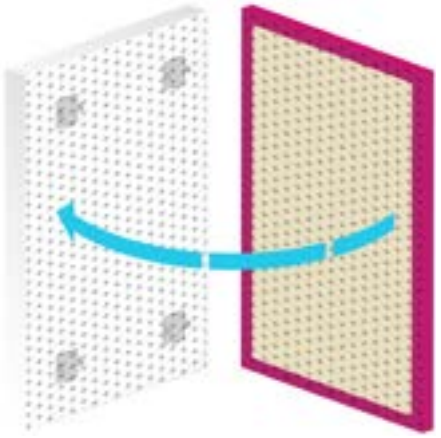
Lightly trace the panel edges onto the desired installation area then suitably and securely fix the appropriate number of impaling clips using screws.

Step 2



Spray the contact adhesive vertically onto the panels reverse surface and horizontally onto the desired installation area, including the impaling clips. Ensure that 100% of the surface area on both surfaces is covered with the adhesive.

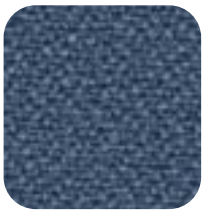
Step 3

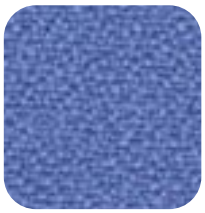


After waiting for the adhesive to slightly dry (2-5 minutes at 23°C) carefully align the panel to the marked area and push gently - allowing the clip spikes to bite into the panel. Once confident with the panel positioning, press firmly over the entirety of the surface and ensure maximum contact has been made with the wall.

Fabric Colour Guide

Adobo YB165


Martinique YB004


Bluebell YB097


Marianna YB157


Steel YB095


Ocean YB100


Campeche YB301

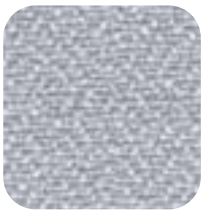

Madura YB156


Apple YB096


Windjammer YB047


Montserrat YB011


Paseo YB019


Rum YB086


Aruba YB093


Slip YB094


Oyster YB107


Blizzard YB108


Buru YB170


Solano YB088


Calypso YB106


Lobster YB087


Tortuga YB168


Belize YB105


Bridgetown YB102

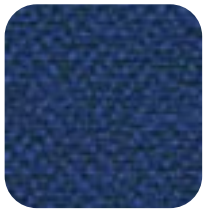

Sombrero YB046


Tarot YB090


Havana YB009


Sandstorm YB302


Tequila YB038


Scuba YB089


Costa YB026


Lerwick EJ194


Cluanie EJ180

* Bespoke colour options available. Please contact DYNAMIK for more infomation.

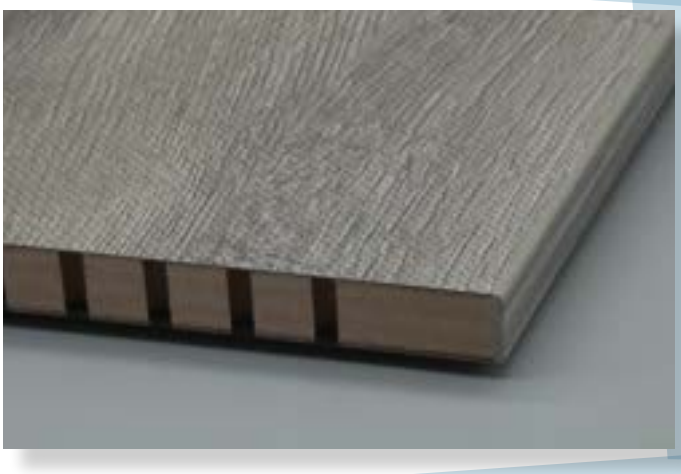
Non-Sporting Wall Panels

Comfort Acoustic Panels

The DYNAMIK Comfort Acoustic Panels provide the perfect solution for classrooms, student accomodation or any environemnt that has a lot of echo and poor reverberation. The Panels are fully customisable for colour and shape, and come in a range of coloured fabrics.

D-Slat Acoustic Panels

The DYNAMIK D-Slat Decorative Wall Panels offer high performance sound absorption with wall and ceiling mounted options available. The clean and seamless design ensures excellent acoustic efficiency and the innovative finish offers the benefit of reducing sound pollution whilst offering an elegant finish for your sports hall, gym, and reception areas. These panels can be used in areas close to the floor for optimum acoustic efficiency.



Nano Perforated Acoustic Panels

The DYNAMIK Nano Perforated Acoustic Wall Panels have an almost invisible perforated surface that is subtle and discrete in appearance, but offer the benefit of reducing sound pollution whilst offering an innovative finish, adding elegance and beauty to your interior design. These panels can be used in areas close to the floor for optium acoustic efficiency.

Timber Slat Acoustic Panels

The DYNAMIK Internal Decorative Panels provide a durable and cost-effective solution for any environment, to reduce echo and reverberant noise levels. The Timber Slat Acoustic Panels are attractive and a great sound absorbing solution that can be fitted on walls and ceilings. Ideal for use within Sports halls, schools, universities, leisure centres, reception areas or anywhere sound absorption may be required.

Sport Hall Acoustics Explained

Performance Standard & Regulations

High sound levels are experienced within the majority of busy sports and activity spaces. To be able to communicate clearly, reductions in reverberation and acoustics benefits teaching staff, coaches, and players alike.

The overall objective of the acoustic performance standards is to ensure that the design and construction of school buildings, including sports halls provide acoustic conditions that enable effective teaching and learning.

It is accepted that noise and poor acoustic design have a detrimental effect on pupils' academic performance and teachers' vocal health.

Pupils with additional learning needs or hearing impaired pupils are particularly susceptible to the negative effects of poor acoustic design.

Practically speaking this means reverberation time (Tmf).

What Do We Mean By Reverberation Time?

Reverberation time is one of the key determinants of room acoustic quality, and the factor to control with regard to sound absorption. It is the time it takes for a sound to reduce by 60db within a given space. It is measured at different frequencies since certain frequency ranges are more important than others.

How Can We Control Reverberation?

The amount of sound energy a material will absorb is known as the absorption coefficient.
Typically reverberation is controlled by introducing sound absorbing surfaces. More effective absorbers and increased coverage within a room will lead to lower reverberation times.

Practical Implications

Once the size of a room and the absorption characteristics of the finishes are known, an acoustician can predict the reverberation time. They can then calculate the amount and type of sound-absorbing material to be included to meet a particular room's usage and a designer's preference.

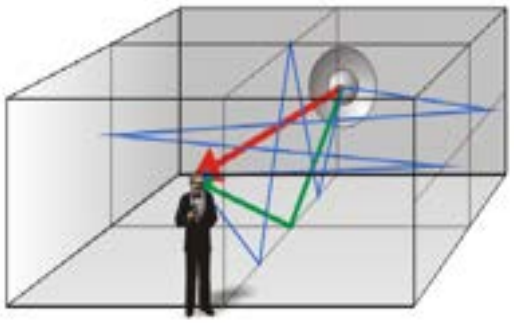
Apart from sport activities, sports halls are also used for exams and assemblies, acoustic demands are therefore very high and complex. Having large amounts of sound absorption is necessary to achieve a pleasing acoustic environment. The choice of materials is also essential as they need to be impact resistant.

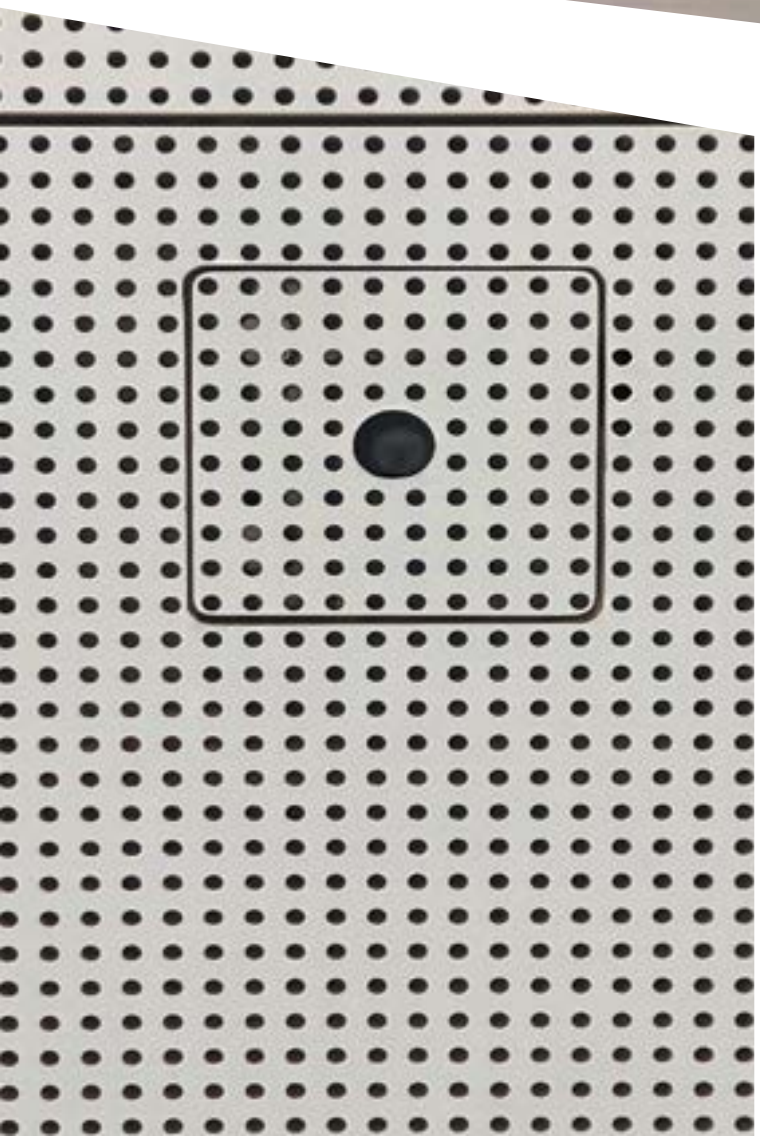
Sound absorption should be distributed within a room with a minimum of 25% from the walls, 30% from the soffit and the remaining 45% provided by finishes on any of the room surfaces. It is beneficial for the sound absorption materials to be installed at a lower level rather than higher to improve their effectiveness.

In our experience, sports teachers are more prone to having throat or voice issues than any other subject teachers, as they need to raise their voice due to high levels of background noise.

Good acoustic design is important because long reverberation times result in:

- Low speech accuracy
- Excessive levels of background noise
- Raised levels of stress for users
- Controlling and management issues





DYNAMIK's Recent Projects

Universities

- Cardiff Metropolitan University
- Durham University
- Liverpool John Moores University
- Southampton Solent University
- University of Cambridge
- University of East London (UEL)
- University of Essex
- University of Gloucestershire
- University of Liverpool
- University of Oxford
- University of St Andrews
- University of Ulster, Belfast

Colleges

- Barking & Dagenham College
- Britannia Royal Naval College
- Cheltenham Ladies College
- Dulwich College
- Ealing & Hammersmith College
- Emmanuel College
- Hartpury College
- Jane Austen College
- Myerscough College
- Newbold College of Higher Education
- Perth College (University of the Highlands and Islands)
- South Gloucestershire and Stroud College
- Torquay College

Schools

- Altrincham Grammar School
- Avanti Grange
- Beaulieu Sports Hall
- Bishop Ullathorne
- Bishop Stortford High School
- Cheltenham Secondary School
- Cothill House Boarding School
- Harris Academy
- Lockers Park School
- Loretto School
- Mickleham School
- Millfield School
- Merchant Taylors' School
- North Oxfordshire Academy
- Notting Hill & Ealing School
- Rochester Grammar School
- Upton Court Grammar School

Leisure Centres & Other Projects

- Bury Roller Skating Arena
- Coronation Square London
- English Institute of Sport
- Five Rivers Lesiure Centre
- Greenhouse Sports Centre
- Hillsborough Leisure Centre
- Jubilee Community Sports Centre
- National Basketball Performance Centre
- National Centre for Circus Arts
- Onside Youth Zone Nationwide Projects
- Poplar Baths Leisure
- R.A.F. Digby
- Sandwell Aquatic Centre
- Sands Leisure Centre Carlisle

Official Sports Flooring Partners:

Supply Partners:

Tarkett

HARO Sports Flooring

MONDO

HERCULAN

ASB GlassFloor

ASB SQUASH

Bona

Members of

SFG Sports Facilities Group

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