

# DYNAMIK Internal Sports Wall Solid & Perforated



The DYNAMIK Internal Sports Wall provides a durable and cost effective solution for sports hall environments. With high scratch and impact resistance, the panels are designed to be an integral component of the internal wall construction and be fitted from floor to soffit. Alternatively, the solid panels can be replaced with matching or contrasting perforated (acoustic) panels to provide a continuous, flush wall finish.

## 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.

**Time & Cost Savings** – Can be installed in combination with structural SFS or timber studwork. This eliminates the need for blockwork and other wet trades.

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

**Secret Clip Fixings** – The supplied secret clips offer a fast and easy panel installation which eliminate unsightly surface fixings. They also provide a consistent spacing between adjoining boards.

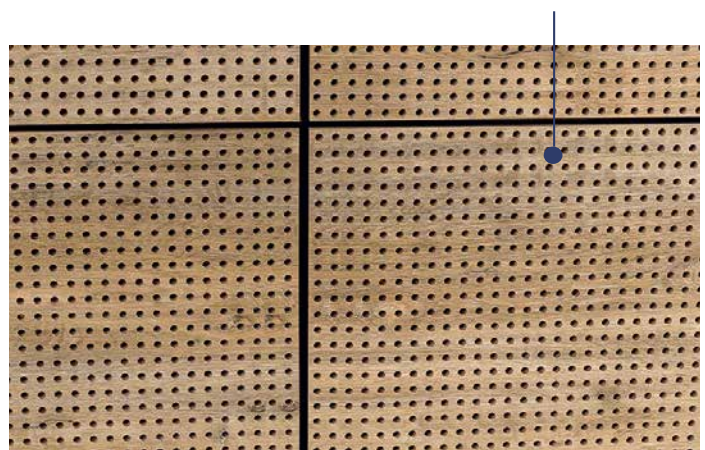
**Fire Performance** – The complete system - panel, face, core and fleece has been fire tested and rated to European Class B-S1-d0.

**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).



Solid panel

Perforated (acoustic) panel



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

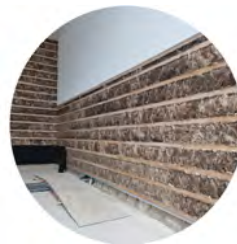
Panel Face	Factory finished, available in a range of colours & wood effect finishes
Panel Core	Fire Rated MDF
Fire Performance	Rated to European Class B - S1-d0
Panel Sizes (l x w x d)	2.4m x 1.2m x 18mm (confirm prior to design) 2.4m x 592mm x 18mm (confirm prior to design)
Compliance	Building Regulations, ESFA & Sport England compliant
Panel Weight	<i>Perforated</i> <i>Solid</i> 10.93kg - 14.00kg / m <sup>2</sup>
Acoustic Performance	Class C - Perforated panels with insulation

### Installation

The panels are typically fixed to timber horizontal battens at 400mm centres which are packed level without undulation or steps. Studwork or the supporting structure must be free of flex and movement. 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. \*



Typical vertical/horizontal studwork construction at 400mm centres to accommodate the installation of the panels.



Insulation must be placed behind the perforated panels to achieve required acoustic values.

A minimum void of 25mm is required behind perforated panels in order to achieve Class C acoustic performance.



A black shadow membrane must be positioned behind the panels to hide substrate and disguise the fixing clips.



The panels are fixed using the secret clips which are to be placed into the pre-routed edges to leave the appearance of a fixture free installation.

### Specification Downloads



\* Subject to project specific design requirements.

Product Specification downloads for our DYNAMIK products are available through NBS Source.

Product specifications may be subject to change without notice, please contact DYNAMIK for the latest product information