

# SPECWALL

ADVANCED WALL SYSTEMS



**PRECISION-MANUFACTURED, READY-TO-INSTALL WALL SYSTEMS  
THAT ARE TRANSFORMING UK CONSTRUCTION**

## OUR CLIENTS



## WHAT IS SPECWALL?

Specwall is an advanced wall system with inherent insulation, acoustic and fire ratings in the form of a lightweight solid panel, and allows for the direct application of finishes including tiles and paint. It is not affected or damaged by water or mould and can be installed before the building is water tight, making it suitable for pre-build, Cat A and Cat B installs.

Tested and certified to UK, European and international standards, this is a versatile product which adds speed, efficiency and quality to all sectors of the construction industry.

Our modular single-visit construction process reduces your labour and wastage requirements, shaving substantial periods off the construction programme. For more information about the product, as well as design, supply, installation and MEP services solutions, get in touch with our team today.



# THE BENEFITS OF SPECWALL

On every level, Specwall is a superior alternative to traditional blockwork, SFS and drywall systems. By using Specwall in your development, you can achieve the following benefits:



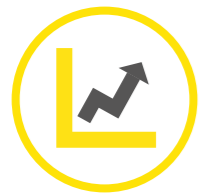
## SAVE TIME

Our modular single-visit construction process with inherent structural and insulating properties offers significant programme savings.



## REDUCED COST

Specwall can save on overall costs through programme savings, reducing waste and resisting damage and more.



## EFFICIENT

Streamline your Project Management process by reducing wall types and requiring fewer trades on site.



## WATER RESISTANT

Specwall is not affected or damaged by water or mould and can be installed before the building is water tight.



## REDUCED LABOUR

Time and motion case studies show Specwall can reduce labour hours needed for installation by more than 55%.



## SUSTAINABILITY

Modular all-in-one product means Specwall achieves minimal wastage, and all of that can be recycled.



Specwall is installed via a modular single-visit construction process with the following inherent values:



## FIRE RATING



## INSULATION RATING



## ACOUSTIC RATING

This is a versatile system which can meet any requirements. Bespoke designs and calculations are available from our Technical Team as part of the Specwall service.

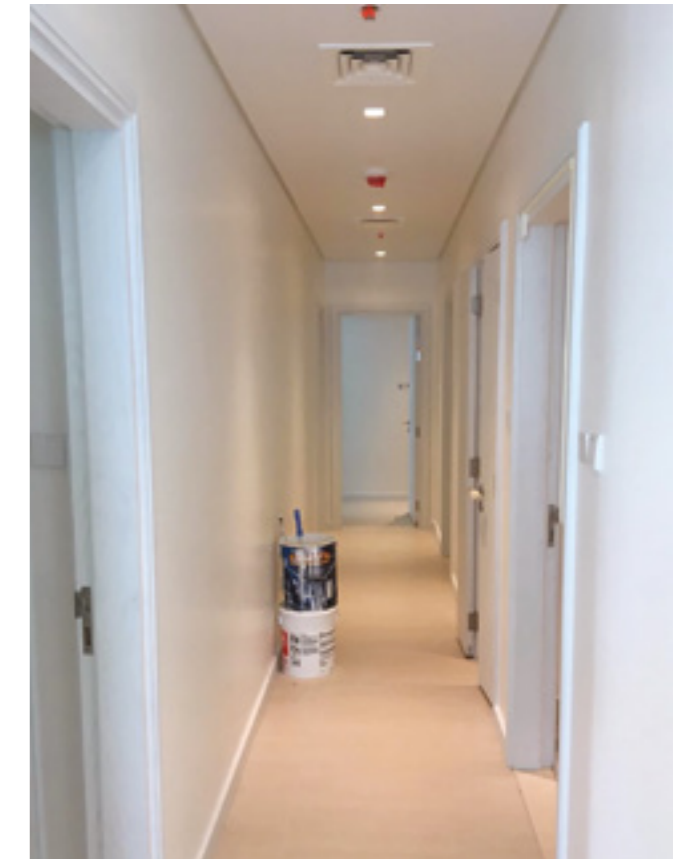
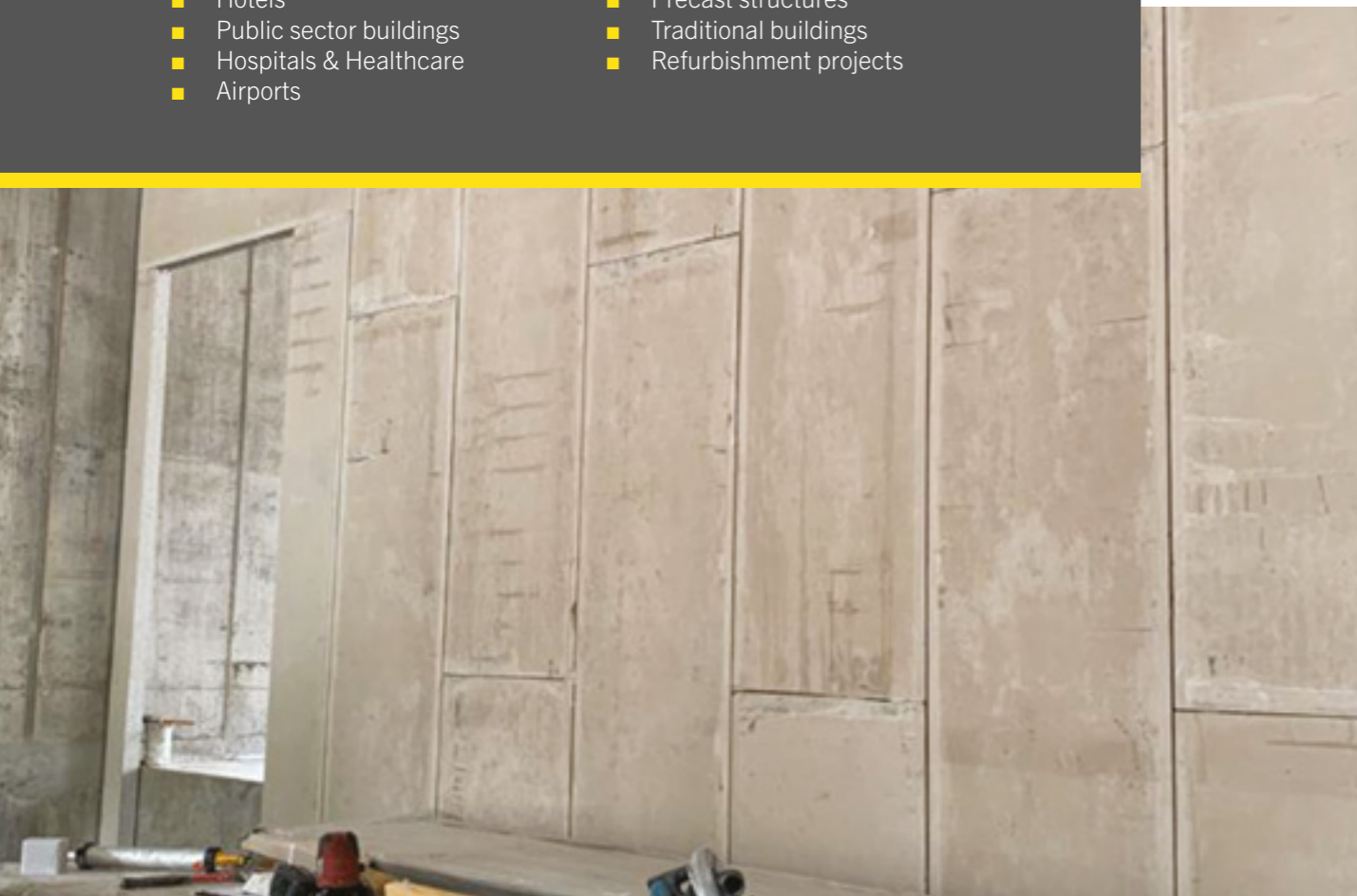
# WHERE CAN SPECWALL BE USED?

Specwall is a versatile product which can be applied across all types of building and is an alternative to:

- BLOCKWORK
- SFS
- DRYWALL SYSTEM
- RISERS & LIFT SHAFTS
- STAIR CORES
- CONCRETE CORES & STAIRWELLS
- SMOKE RISERS / SHAFTS
- BATHROOM PODS

Specwall adds speed, efficiency and quality to the following sectors of construction:

- Housing developments
- Residential buildings
- Commercial buildings
- Hotels
- Public sector buildings
- Hospitals & Healthcare
- Airports
- Industrial buildings
- Modular construction
- Room and bathroom pods
- Precast structures
- Traditional buildings
- Refurbishment projects



# BREEAM & SUSTAINABILITY

Installing Specwall panels into any building project can help organisations to achieve a high BREEAM (BRE Environmental Assessment Method) rating in the following categories:

- Materials
- Health and Wellbeing
- Recycled Content

Specwall is a truly “on site” sustainable wall system. Panels are fully adaptable to new floor plate configurations and completely reusable in situ. Specwall sends less than 0.5% waste to landfill. The only waste is the dust which is a symptom of the cutting of panels and, as this is cementitious and inert, it can be fully recycled as an addition to hardcore collection.

All “off cuts” are reused on site as part of the installation process. We compact general waste and recycle cardboard, metal and vinyl waste. Also any pallets are from a sustainable source and are reprocessed for future deliveries.

# UK CERTIFIED

Specwall is tested and certified to UK, EU and international standards. The system is quick to produce and ready to install safely and efficiently, improving the speed of the build and quality of life for the end users.

## Our certificates include:

### UK certification

- FIS
- ISO 19001
- ISO 14001:2004
- ISO 18001
- CE Marking

### International certification

- URS
- ASI
- BM Trada
- Intertek (Dubai)
- OHSAS/ISO 18001 (Health & Safety)
- ISO 19001



**SPECWALL WORKS TO ISO 9001:2008 QUALITY, CERTIFICATED TO BRITISH STANDARDS.**

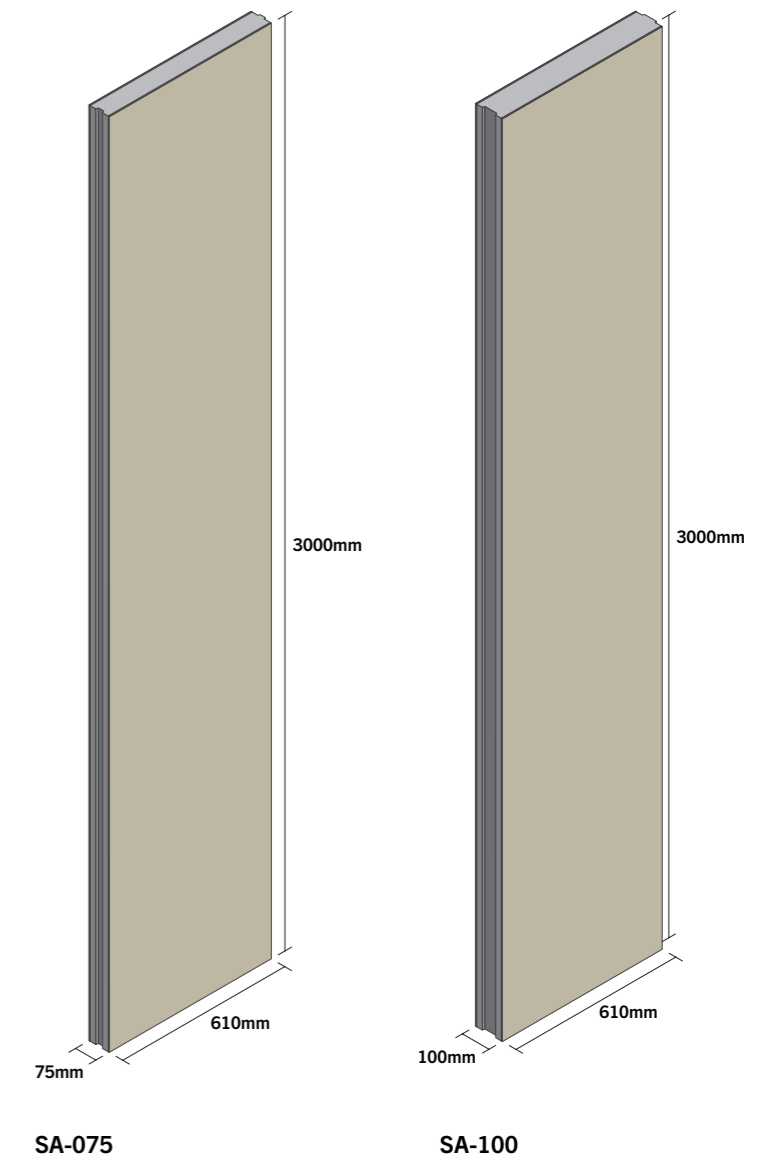


# TECHNICAL SPECIFICATIONS

Specwall is manufactured in standard sizes of 3,000mm x 610mm and is available in two different thicknesses of 75mm or 100mm - with bespoke options available on request.

This enables easy handling, and only requires labourers to lift and slot the panels into place via a tongue-and-groove system.

MEP services are installed on-site or off-site depending on M&E design and customer preference. All joints are then taped and filled, and the wall is ready for direct application of finishes including skim, tile and paint.



	Overall Width (mm)	Fire Performance (mins)	Acoustic Performance (dB R <sub>w</sub> )	Maximum Height (mm)
SA-075	75mm	120 mins	40dB R <sub>w</sub>	5000mm
SA-100	100mm	240 mins	45dB R <sub>w</sub>	6000mm

# ACTIVE SITES

Specwall is suitable for all kinds of developments, and we are currently active on a wide range of projects across the UK.

## Project: Oxygen Location: Manchester

Specwall is pleased to have been awarded the contract for the supply and installation of the Specwall system into a number of areas including the undercroft car park, spa and leisure level and penthouse suites at the 369-unit residential development in Manchester. The developer, Property Alliance Group, has commended the product for its programme saving qualities which lead inevitably to cost savings.

These benefits include early on site commencement of the works, elimination of the risk of water damage to the partition wall due to its weather proof nature, and the elimination of additional items such as pattressing which are commonly encountered when installing a plasterboard system.



## Project: Angel Meadows Location: Manchester

Specwall won and successfully delivered on a contract with Westfields Construction for the supply and installation of Specwall panels into the basement and ground floor of two plots at the Angel Meadows development in Manchester. The site team noted that the Specwall system met all the primary reasons for the selection of the system over blockwork and other partitioning systems.

These benefits included, wall stability and integrity, simplicity and speed of installation, significant programme savings, and the ability to install in all weather conditions without the need for a watertight site. Specwall engaged with the contractor at an early stage and were commended on the collaborative approach to the project from initial design phase, through to sign-off of the work.



**For more information:**

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