



Sector introduction & case studies

Ceiling Solutions for healthcare

Examples of **completed healthcare projects** showing how acoustic ceilings are applied in real healthcare environments.



“Healthcare buildings are a critical frontline in infection prevention and control. Adhering to guidelines like HBN 00-10 Part B ensures that materials used in ceilings minimise contamination risks and are easily cleanable to maintain high hygiene standards.”
Dr. Lisa Rickard, Infection Control Specialist

“Acoustic comfort is not a luxury in healthcare; it’s a necessity.”
Healthcare Facility Manager

Addressing the challenges

Ceiling Solutions for healthcare excellence

Designing effective healthcare spaces involves far more than simply meeting regulations. These environments must **support healing, ensure safety, and enable operational efficiency**, all while maintaining the highest levels of **hygiene and acoustic comfort**. Architects, designers, and acousticians face the challenge of **balancing infection control with human-centred design** that enhances wellbeing for patients and working conditions for staff.

Zentia is a trusted industry expert in addressing these complex demands. With **deep sector knowledge** and **innovative ceiling solutions**, we help healthcare projects go beyond basic compliance to deliver spaces that are **durable, easy to maintain, and acoustically optimised**. Our hygienic suspended ceiling tiles are designed to withstand rigorous cleaning and fogging providing reliable resistance to bacteria, making them ideal for patient-centric, high-performance environments.



Understanding the requirements

Simplifying the standards

UK healthcare standards like **HBN 00-10 Part B, WHBN 00-10 Part B, HTM 01-01** and **HTM 08-01** define clear requirements for materials in clinical environments. Zentia’s ceiling systems are designed to meet these needs.

Hygiene and Cleanliness

In areas like operating rooms and wards, surfaces must be easy to clean and resist dust and germs. The **Biobloc Family** of tiles offers smooth, wipeable and scrubbable surfaces with integrated antimicrobial protection.

Infection Control

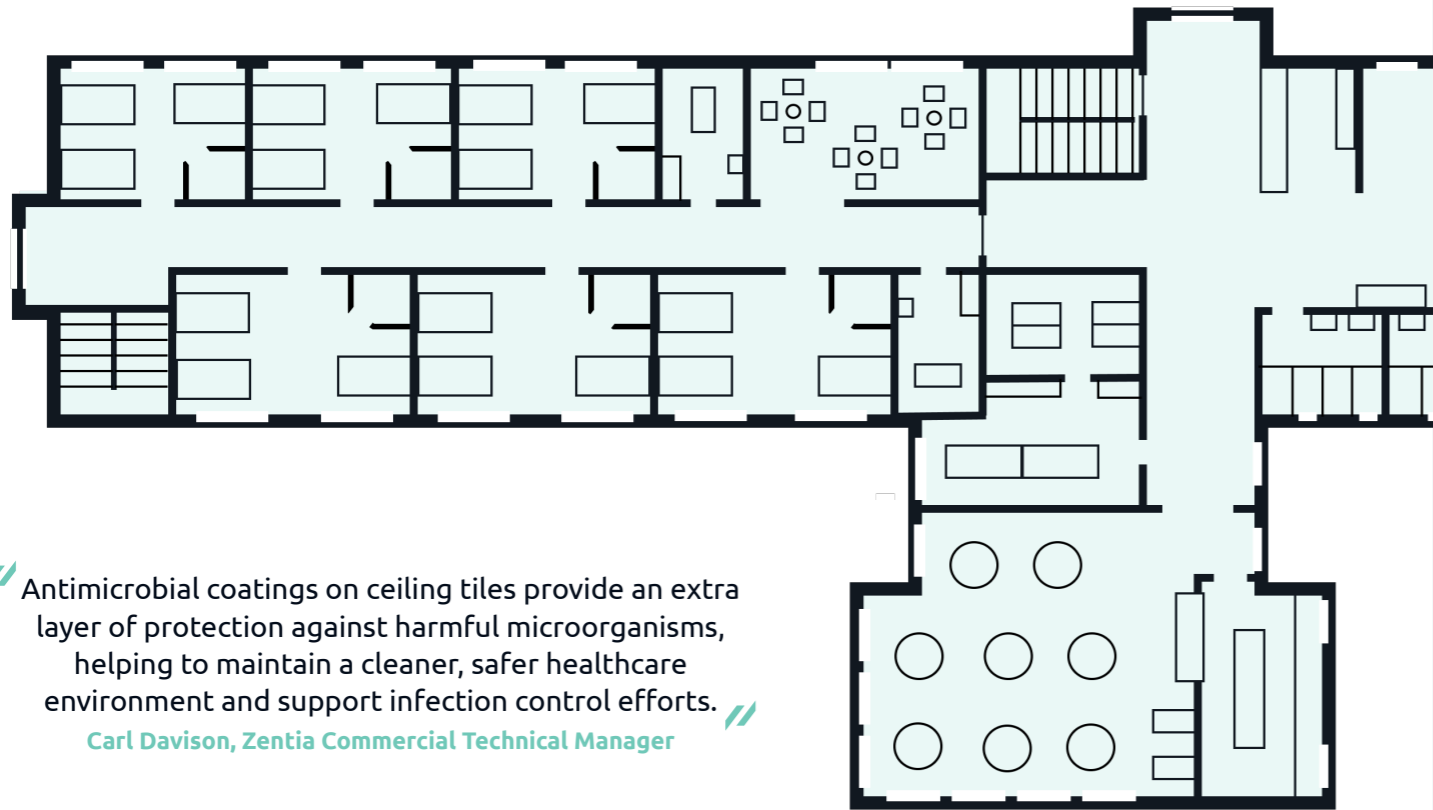
To reduce infection risks, materials must actively resist bacteria and mould. The **Biobloc Family** provides both hygienic performance and sound absorption, making it ideal for treatment rooms and other sensitive zones.

Durability

Subject to intense use and cleaning, healthcare ceilings demand durability. Zentia offers a range of **ISO 4** and **ISO 5** compliant products, backed by a **30-year warranty** when used with the Gridline Suspension System.

Acoustic Comfort

Zentia offers a balanced acoustics approach to ensure acoustic comfort for all. Our products are available in a wide range of **RAL Colours** to help provide visual comfort and zoning of space.

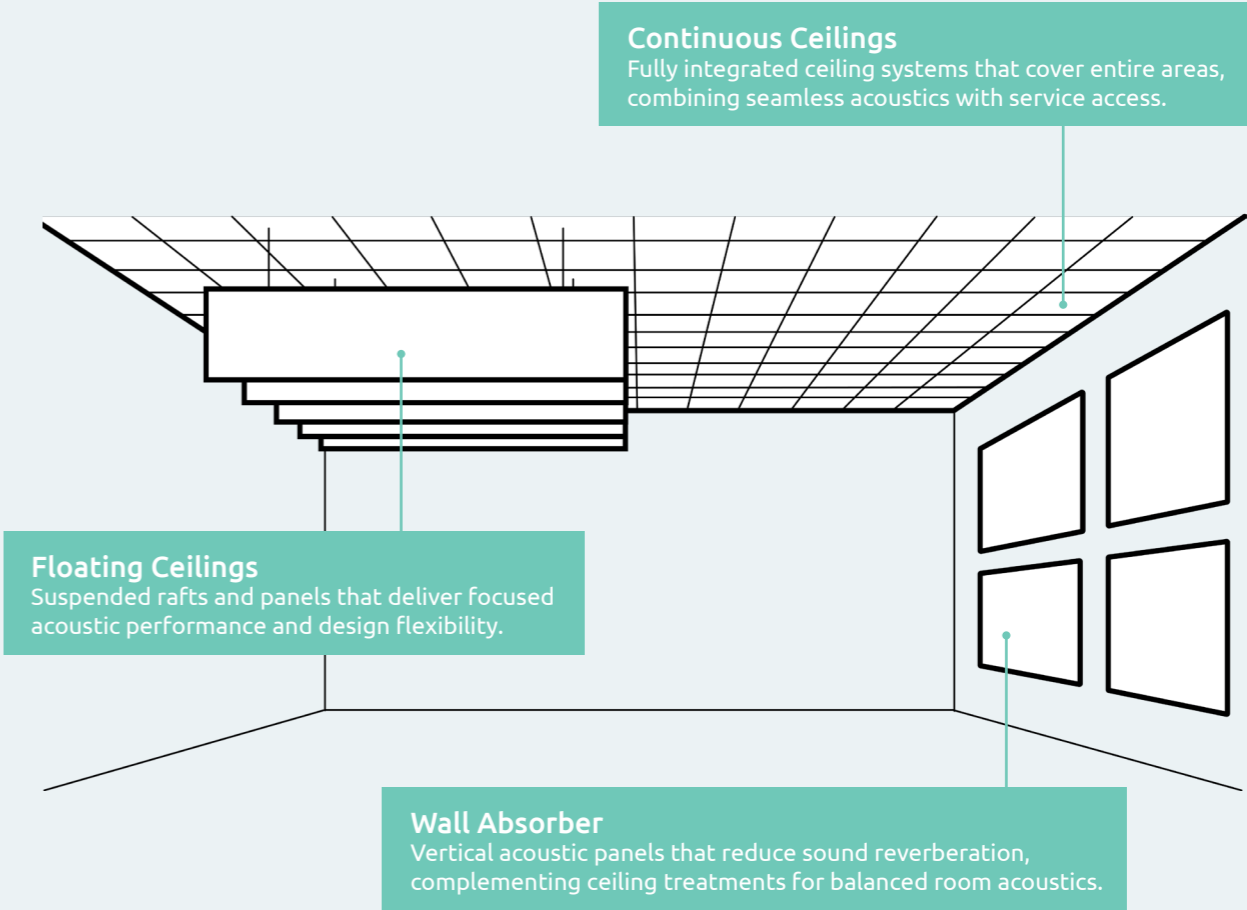


“Antimicrobial coatings on ceiling tiles provide an extra layer of protection against harmful microorganisms, helping to maintain a cleaner, safer healthcare environment and support infection control efforts.”
Carl Davison, Zentia Commercial Technical Manager

Our expertise

Whatever your healthcare space, we understand your requirements

Healthcare spaces must promote healing and infection control, requiring materials that endure deep cleaning and fogging while offering antimicrobial and chemical resistance. Zentia’s ceiling solutions are designed with these needs in mind, combining durability, hygiene, and ease of maintenance to help create clean, patient-centred environments while fulfilling all healthcare standards.



Our portfolio

Multiple options for fitting out a room

In healthcare settings, continuous suspended ceilings are the preferred solution, providing full coverage, easy maintenance, and reliable hygiene performance. They support acoustic comfort and seamless integration with building services. Where needed, Zentia also offers floating ceilings and wall absorbers that can be combined with continuous systems to meet specific acoustic or design requirements.



Biobloc Plain + Zentia Grid System

Architect: The Manser Practice

Chesterfield Royal Hospital

Challenge

The Chesterfield Royal Hospital embarked on a £26 million project to develop a new Emergency Department. The objective was to create a modern facility that prioritised patient comfort, stringent hygiene standards, and acoustic performance. This required selecting ceiling solutions that could meet the demanding requirements of a high-traffic healthcare environment.

Solution

Zentia provided a range of ceiling systems tailored to the hospital’s needs. These included **Biobloc Acoustic** tiles for areas requiring enhanced infection control, **Hydrabloc** tiles for high-humidity zones like bathrooms, and other solutions designed to improve acoustics and hygiene. The installation was carried out by Ace Partitions & Ceilings, ensuring the project met its design and performance goals.



Biobloc Acoustic

Architect: HMY Architects

Queen Elizabeth Queen Mother Hospital Emergency Department

Zentia’s Biobloc Acoustic tiles were used to enhance acoustic comfort and meet strict hygiene requirements.



Biobloc Acoustic

Architect: Ryder Architecture

Gateshead Covid Centre

Two industrial units were rapidly converted into a Covid lab using over 5,000 m² of Zentia ceilings, meeting strict hygiene and acoustic standards under intense time pressure.



Biobloc Plain + Zentia Grid System



Aruba Tegular 15

Delivery Architects: WebbGray
West Midlands Ambulance Service (WMAS)

Zentia delivered tailored, 100% recyclable ceiling solutions that met the diverse requirements across multiple facilities.

Architect: Hazel McCormack Young

Maidstone Hospital Stroke Unit

Challenge

The refurbishment of Maidstone Hospital’s Hyper-Acute Stroke Unit required ceiling solutions that promoted patient health and wellbeing, offered a clean and fresh aesthetic, and could be installed swiftly within a live hospital environment. Additionally, materials suitable for high-humidity areas like shower rooms were necessary.

Solution

Zentia supplied 2,500 m² of Biobloc Plain ceiling tiles for the main areas, offering high light reflectance, 35 dB sound attenuation, and a biocide coating. Hydrabloc tiles were used in shower rooms to handle high humidity while maintaining acoustic performance. Installation by KRS Interiors was completed efficiently with minimal disruption.

Project name	~ vol supplied	Product	Speciality
QE Hospital Birmingham	120,000 m²	Biobloc Acoustic, Biobloc Plain	First off-cut recycling scheme for ceiling tiles in the UK.
Midland Metropolitan Hospital, Sandwell	60,000 m²	Biobloc Acoustic, Aruba Max, Serena hA Hydrabloc	Off cut recycling scheme.
Royal Liverpool Hospital	80,000 m²	Biobloc Acoustic, Aruba Max, Hydrabloc, Gridline 24 Clean	We responsibly recycled the original end-of-life tiles and supplied a new, high-performance ceiling system in their place.
Baird & Anchor Hospital, Aberdeen	20,000 m²	Biobloc Acoustic, Hydrabloc	

Other prestigious healthcare projects completed by Zentia

Our Services

With you at every project stage.

We know acoustics, we know ceilings, we know you are busy, we are here when you need us. We are Zentia.

Expert advice when you need it

Our UK-wide consultants, in-house acousticians and CAD specialists are here to support your design from first sketch to final installation. Whatever your challenge, we're just a call away.

Proven process from design to installation

We've partnered with architects and contractors for decades. Our tested workflows keep your project on track – reliable, efficient, and tailored to your way of working.

Digital-first product accessibility

We can supply a wide range of digital documents that integrate seamlessly into your project and allow you to design, configure, and simulate ceiling systems within your preferred software.

Get in touch

Your local Architectural and Design consultant will be happy to help you.



Why Zentia

Reasons to choose Zentia for your next healthcare project



Perfect fit

Zentia has a comprehensive ceiling solution portfolio that meets every healthcare requirement from hygiene and durability to acoustic performance.



Design flexibility

Zentia's portfolio offers full design flexibility with mix-and-match products, sizes, and colours to bring any vision to life.



30-year warranty

Most products come with a 30-year warranty if combined with Gridline for lasting performance and peace of mind.



Excellent service

Our UK-wide team of Architectural and Design Consultants provide expert support at every stage of your project.

Zentia is the UK's market leader in complete ceiling and wall solutions.



Zentia Website

The UK's market leader in complete ceiling solutions.



NBS Source

Specification should be seamless. Find all our products and BIM files.



Book a CPD

Earn RIBA CPD points and learn more about the sectors we work with.



Book a design visit

Speak to a dedicated member of the Architectural & Design Consultancy Team.

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