



Our sector solutions

Ceiling Solutions for healthcare

An introduction to our ceiling and wall solutions for healthcare environments, with expert specification support at every project stage.



“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

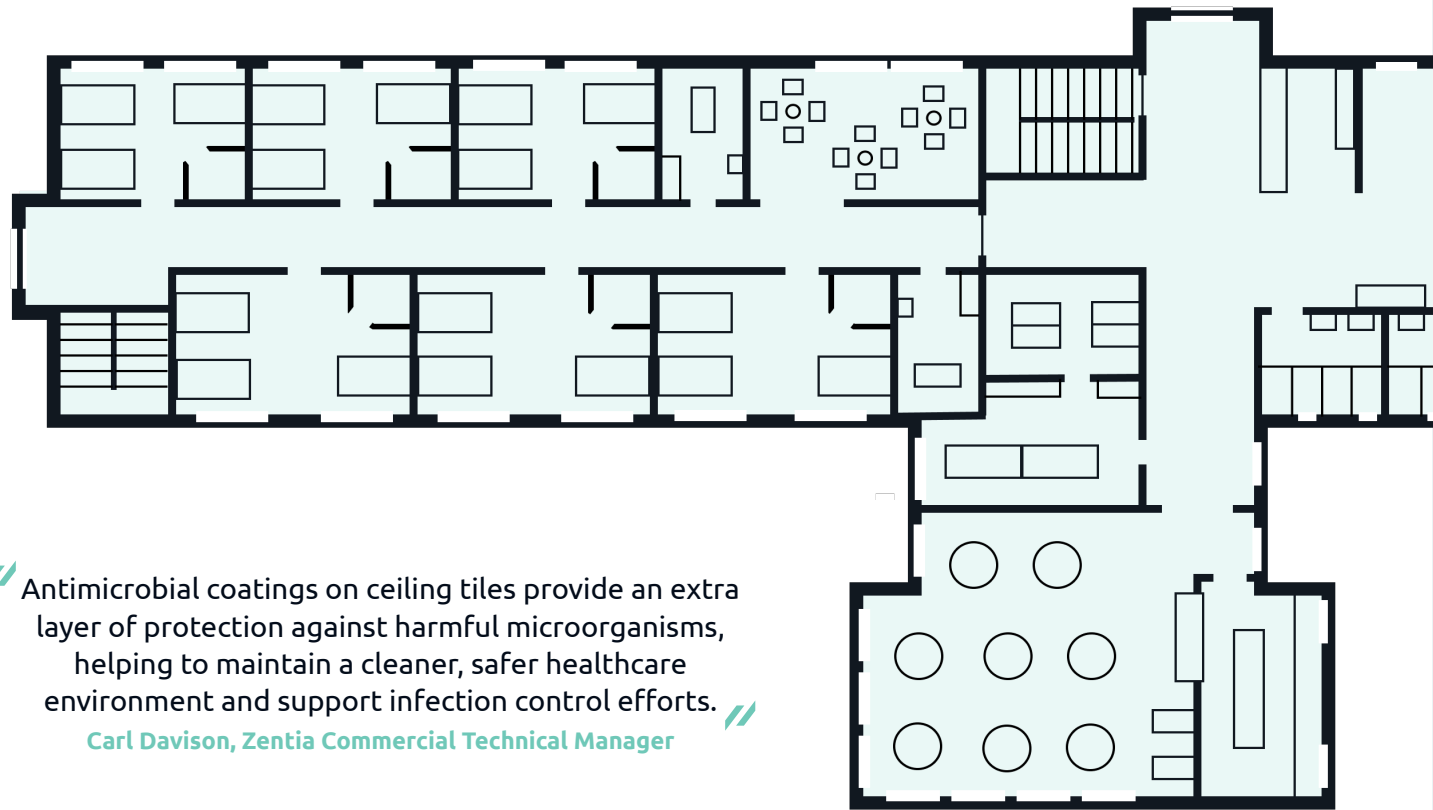
To reduce infection risks, materials must actively resist bacteria and mould. The **Biobloc Family** provides both hygienic performance and sound absorption, making it ideal for treatment rooms and other sensitive zones.

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.

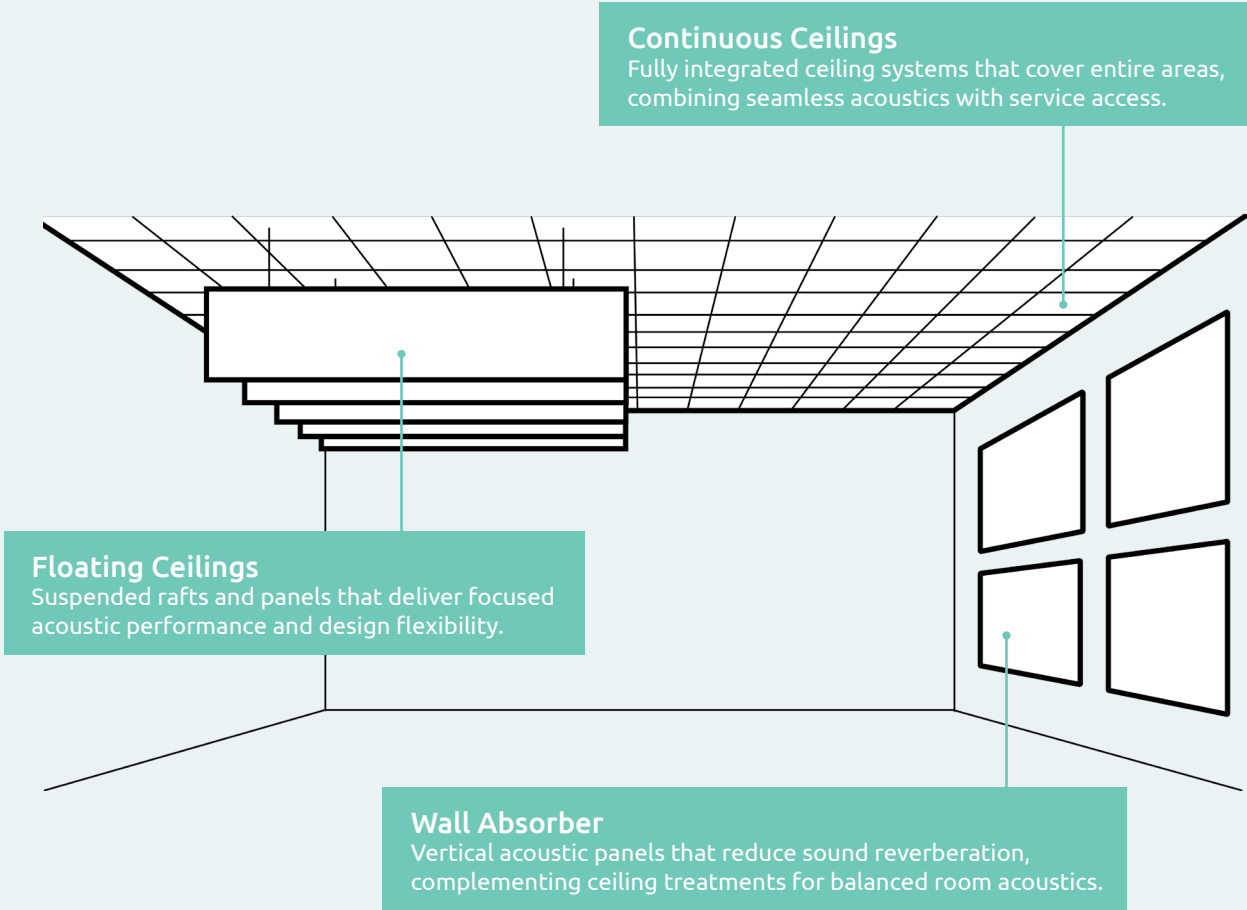


“Antimicrobial coatings on ceiling tiles provide an extra layer of protection against harmful microorganisms, helping to maintain a cleaner, safer healthcare environment and support infection control efforts.”
Carl Davison, Zentia Commercial Technical Manager

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.

Room types

Clinical - Dry rooms

These rooms are designated for clinical activities that do not involve significant exposure to water or other fluids. They are typically used for examinations and consultations. The focus is on:

3

Maintaining clean, dust-free environment

Allowing easy access for services and maintenance

Acoustic comfort & patient privacy



Room types

Clinical - Wet rooms

Clinical wet rooms are designed for procedures involving water or bodily fluids and must ensure a safe and hygienic environment for both patients and staff.

Resistance to moisture and water ingress

Compatibility with ventilation and lighting systems

Compliance with strict hygiene and infection control standards



Category of room space

Required ceiling tile finish (HBN 00-10 Part B)

Our recommended solution

Clinical dry (e.g. Single-bed room, Multi-bed room, consulting room, clean utility)

Moderate Clinical
Jointless or concealed grid/smooth imperforate finish or jointed/concealed grid/smooth imperforate finish

Prestige Conceal
Biobloc Acoustic
Biobloc Plain

Light clinical
Jointed/exposed grid/textured perforated finish

Biobloc Acoustic
Biobloc Plain
Aruba

Category of room space

Required ceiling tile finish (HBN 00-10 Part B)

Our recommended solution

Clinical wet (e.g. dirty utility, assisted bathroom, assisted shower)

Moderate Clinical
Jointless or concealed grid/smooth imperforate finish or jointed/concealed grid/smooth imperforate finish, both resistant to high humidity levels

Prestige Conceal (95 % RH*)
Biobloc Acoustic (95% RH*)
Biobloc Plain (95% RH*)
Hydrabloc (100% RH*)
Aruba hH (High Humidity, 99% RH*)
Gridline 24 Corrosive Resistant (> 95% RH*)

*RH = relative humidity

Room types

Clinical - Specialist

Specialist clinical rooms are designed for specific medical procedures, diagnostics, or treatments that require specialised equipment and environmental controls. For suspended ceilings the focus is on:

- Integration with specialist medical equipment and systems
- Support for controlled conditions (e.g. temperature, pressure)
- Compliance with precise hygiene and safety standards



Room types

Non-clinical - Wet rooms

These rooms are non-patient areas where significant water usage is required for cleaning, decontamination, or maintenance. Suspended ceilings need to address key challenges such as:

- High resistance to moisture and humidity
- Compatibility with frequent deep cleaning
- Long-term durability in demanding service areas



Category of room space	Required ceiling tile finish (HBN 00-10 Part B)	Our recommended solution
X-ray room	Square-edged tile to suit unistrut ceiling	Biobloc Acoustic Biobloc Plain Gridline 24 Clean (ISO 4)
Post-mortem room	Concealed grid/smooth finish	Prestige Conceal Biobloc Acoustic Biobloc Plain Hygiene Gridline 24 Clean (ISO 4)

Category of room space	Required ceiling tile finish (HBN 00-10 Part B)	Our recommended solution
Non-clinical wet (e.g. WC/shower room en suite, cleaners room)	Jointless concealed grid/smooth imperforate finish/resistant to humidity or jointed/exposed grid/smooth finish both resistant to high humidity levels up to 95% RH*	Prestige Conceal (95 % RH*) Biobloc Acoustic (95% RH*) Biobloc Plain (95% RH*) Hydrabloc (100% RH*) Aruba hH (High Humidity, 99% RH*) Gridline 24 Corrosive Resistant (> 95% RH*) <small>*RH = relative humidity</small>

Room types

Non-clinical - Dry rooms

Non-clinical dry rooms are administrative or support areas without patient treatment or significant water use. They require suspended ceilings that support:

- Clean, low-maintenance environment
- Easy integration with services
- Acoustic comfort for staff, patients and visitors



Room types

Heavy traffic areas

Heavy traffic areas see high use by staff, patients, and visitors and require suspended ceilings that provide:

- High durability and impact resistance
- Easy maintenance
- Support for wayfinding, zoning and lighting integration



Category of room space	Required ceiling tile finish (HBN 00-10 Part B)	Our recommended solution
Non-Clinical dry (e.g. offices, admin areas, stores)	Jointed/exposed grid/textured finish	Prestige Family Oplia Family Aruba Family Biobloc Family Sonify (canopies, baffles and wall absorber system)

Category of room space	Required ceiling tile finish (HBN 00-10 Part B)	Our recommended solution
Heavy traffic areas (e.g. corridors, entrances, lift lobbies, stairs, plantrooms)	Jointed/exposed grid/textured finish or jointed/exposed grid/textured perforated finish	Prestige Family Oplia Family Aruba Family Biobloc Family Sonify (Ceiling and wall system) Plank options available Zentia coloured ceiling systems Gridline transitions with plasterboard

Room types

Kitchen & Café

Kitchens and cafés in healthcare settings must ensure food safety, efficiency, and infection control, requiring suspended ceilings that offer:

- High resistance to humidity, grease, and stains
- Easy cleaning and hygiene compliance
- Durability under intensive daily use



Room types

Communal living areas in care homes

Communal living areas, such as day rooms and TV rooms, are vital for social interaction and relaxation in care homes. They require suspended ceilings that deliver:

- Acoustic comfort for a relaxing environment
- Clean, welcoming appearance
- Integration with lighting and ventilation systems



Category of room space	Required ceiling tile finish	Our recommended solution
Kitchen, Café	Although there is no performance criteria outlined in (HBN) guidelines, Zentia recommends hygienic and washable ceiling solutions in commercial kitchens and other food prep areas to help kitchen staff meet high hygiene demand.	VynaBoard Hygiene Sonify (canopies, baffles and wall absorber system) DecoFrame Kits Gridline 24 Clean

Category of room space	Required ceiling tile finish	Our recommended solution
Day rooms and TV rooms	Although there is no performance criteria outlined in (HBN) guidelines, recognise the importance of design principles that ensure these spaces are comfortable, safe, accessible, and therapeutic for elderly residents or those with long-term care needs.	Prestige Family Oplia Family Aruba Family Biobloc Family Sonify (canopies, baffles and wall absorber system) DecoFrame Kits

Our product range

One supplier
for all spaces

Ceiling Type A - Clinical Dry
(e.g. multi-bed room with Prestige Conceal)

Ceiling Type B - Clinical Wet
(e.g. assisted bathroom with Hydrabloc)

Ceiling Type C - Clinical Specialist
(e.g. X-ray room with Biobloc Acoustic)

Ceiling Type D - Non-clinical Wet
(e.g. restrooms with Aruba hH, High Humidity)

Ceiling Type E - Non-clinical Dry
(e.g. offices with Prestige)

Ceiling Type F - Heavy traffic areas
(e.g. Corridor & Lobby with Prestige Planks)

Ceiling Type G - Kitchen & Café
(e.g. with DecoFrame Kit Canopies & Hygiene)

Ceiling Type H - Day room
(e.g. day room with Sonify canopies)

Typical example - For specific guidelines contact Zentia



Overview

We have solutions for every healthcare space

	Biobloc Acoustic & Plain	Prestige Family*	Oplia Family	Aruba Family	Aruba hH (High Humidity)	Hygiene	Hydrabloc	VynaBoard	DecoFrame Kits	Sonify (baffles, canopies & wall absorber system)	Gridline 24 Corrosive Resistant	Gridline Aluminium Transitions	Gridline24 Clean
Clinical - Dry (A)	•	•	•										
Clinical - Wet (B)	•	•		•		•				•			
Clinical - Specialist (C)	•	•			•								•
Non-clinical - Wet (D)	•	•		•		•				•			
Non-clinical - Dry (E)	•	•	•	•					•				
Heavy traffic areas (F)	•	•	•	•					•		•		
Kitchens (G)	•				•		•	•					•
Stores / back of house (E)	•	•	•	•					•				
Communal living area (H)	•	•	•	•				•	•				

*including planks and colour

**Baffles, canopies & wall absorber system



Biobloc Plain + Zentia Grid System



Biobloc Plain, Hydrabloc + Zentia Grid System



Biobloc Acoustic + 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.

Architect: Hazel McCormack Young
Maidstone Hospital Stroke Unit

Architect: HMY Architects
Queen Elizabeth Queen Mother Hospital
Emergency Department

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 service process

Personalised design support in a few easy steps

We know acoustics, we know ceilings, we know you are busy, we are here when you need us. Our UK-wide team of Architectural and Design (A&D) Consultants provide expert support at every stage of your project. With our own qualified acoustician and CAD technicians, we can provide you with seamless design-to-installation support.



01
Tell us about your project

From a simple sketch to detailed drawings, simply get in touch to begin discussing your project.



02
Send us your project drawings

We'll discuss your current project plans and we'll help you understand how Zentia solutions can integrate into your project.



03
Zentia provides drawings

Our team will create a series of CAD-generated layouts in PDF and CAD format that show Zentia solutions in your designs.



04
Specification support

Once the design is approved, we'll supply detailed specs including NBS K40s, plus Revit and CAD models to outline in detail the products used.



05
Installation support

Our network of Zentia-trained Pinnacle installers ensures quality installation, with expert on-site support available when needed.

“At Zentia, we support our clients from concept to installation, making sure every ceiling solution performs acoustically and fits the design vision.”

Michael Anderson
Head of Architectural and Design Consultancy

Get in touch

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



Our specification services

Digital-first product accessibility

Zentia supplies 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.

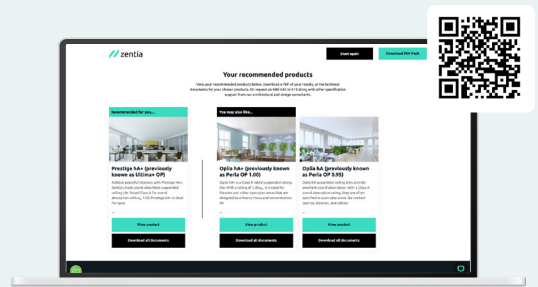
- We can offer:
- BIM models
 - Revit files
 - CAD assistance

- NBS Chorus-compliant specifications
 - Product EPDs
 - Installation guides

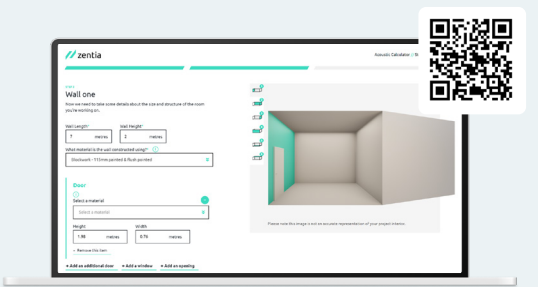


Our digital tools

Guiding your product decisions



Product Selector
Find the ideal ceiling solution with guided options. Get tailored product recommendations instantly.



Acoustic Calculator
Test acoustic performance in minutes. Download results for easy reference and decision-making.

Training by Zentia

Designed for you, delivered by experts

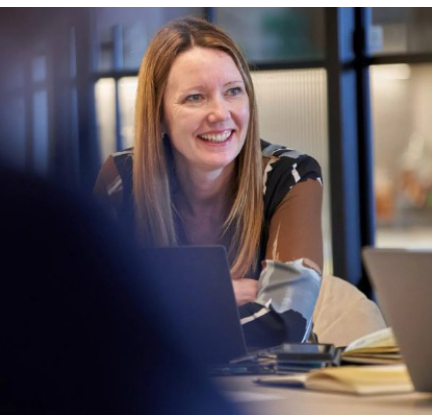
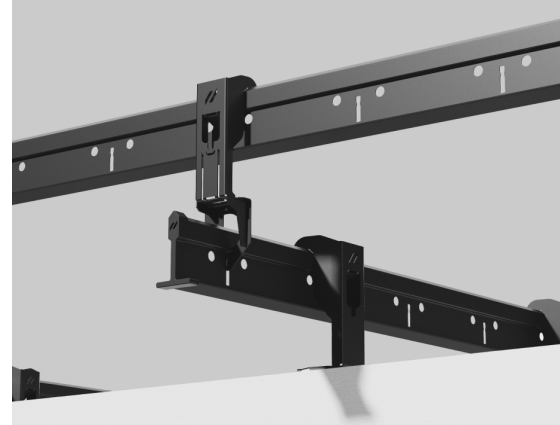
Formal Learning
Stay ahead with RIBA and RIAI-approved CPD sessions led by our expert Architectural and Design Consultants. Join us online or book an interactive in-practice session.

Lunchtime Learning
Enjoy good food and great ideas with our lunch and learn sessions. A relaxed way to gain a deeper understanding of our products and services.

Creative Workshops
Grab a brush and reimagine the space above as you transform ceiling tiles into works of art. Zentia’s Painting on a Ceiling workshop shows that great design doesn’t stop at eye level. Sometimes, you have to look up for inspiration.

Healthcare CPD
Deepen your understanding of acoustic and hygiene standards in healthcare, including HBN 00-10 Part B. Learn how to combine sound control with hygiene, infection control, and durability to create safer, more comfortable spaces. **Contact your local architectural and design consultant for more information or scan the QR-code.**

- Other available CPD offerings**
- **Fire** Suspended Ceiling Systems – the basics (RIBA Approved)
 - **Health, Wellbeing and Productivity** (RIBA Approved)
 - **Sound Advice** Limiting noise annoyance in buildings (RIBA and RIAI Approved)
 - **Education Lunch & Learn Session**
 - **Healthcare Lunch & Learn Session**



Who we are

The UK's market leader in complete ceiling and wall solutions

Here at Zentia, we manufacture high-performance mineral ceiling tiles, suspended ceiling grids, floating ceilings and wall absorbers for the construction market. With balanced acoustics, striking visual impact, and technical performance to suit any interior.

At Zentia, we put our customers at the heart of everything we do, guided by our core company pillars:

// Reliability // UK Focus // Innovation // Partnership

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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