



Classrooms



Corridors and Assembly Halls



Kitchens and Dining Rooms



Changing and WC Facilities



Laboratories and Workshops



Music and Drama Rooms

TRANSFORMING education environments



Floorzone Solutions for the Education Sector

WELCOME TO FLOWCRETE - for the world at your feet

Flowcrete's commitment to exceptional design, technical support and advisory services from initial enquiry through to installation is at the heart of our business philosophy. Our global success is driven by our commitment to excellence; excellence in products, excellence in service and excellence in people.

With manufacturing plants across Europe, the Americas, Asia and Africa, a global commercial and sales support team and the backing of a major multinational manufacturing group, Flowcrete is well placed as the world's leading performance flooring designer and manufacturer to serve clients in their local markets.

Our fully trained and monitored global network of approved flooring contractors ensures your flooring project is in safe hands with Flowcrete.

TRANSFORMING education environments

Flowcrete has been inspired by recent government commitments to modernise primary and secondary schools across the UK.

To honour the government's investment in this field, Flowcrete has made it a corporate priority to simplify the procurement process for architects, building contractors and local education authorities involved in new build or refurbishment school projects, by offering the complete **Floorzone** package for education environments.

Our vision is to promote 21st century sustainable flooring - flooring that helps to build inspiring and creative environments and encourage students to reach above and beyond their potential.

At the same time, our flooring promotes the well-being of pupils and staff. Our flooring materials are designed, packaged and delivered with health and safety in mind and our systems guarantee structural integrity for the school building.

Flowcrete's **Floorzone** concept illustrates how a floor can help your learning environment to perform. To discover the complete **Floorzone** solution for education environments, step inside...







CREATING - inspiring spaces

The architecture, space utilisation, décor and air quality within the school building can play a vital role in shaping a stimulating learning environment. Unlike traditional flooring materials such as carpet, tiles or linoleum our 21st century seamless flooring solutions help to engage students in the education environment.

Our floors provide pleasing and welcoming surroundings that can lead to improved attendance, improved concentration and a healthy dose of motivation. Furthermore, the performance aspect of our floors assist education professionals and maintenance staff by delivering surfaces that are adaptable to their day-to-day needs.

Our **Floorzone** concept encourages economy of space by removing radiators and replacing them with an energy-saving underfloor heating system. The addition of underfloor acoustic insulation guarantees peace of mind by creating sound-proof workspaces – a must have in certain areas of busy school environments.

Our Isocrete Floor Screeds promote structural integrity by delivering strong, hard-wearing surfaces that are designed for the lifetime of the building. Our decorative resin floor finishes offer design flexibility with low maintenance, easily cleaned surfaces, which brighten, stimulate and transform education environments.

Our **Floorzone** solution promotes sustainability and longevity – combined with life-cycle cost reductions.

DELIVERING- the Floorzone package

THE FLOORZONE - Self-levelling Isocrete Floor Screed, with the option to incorporate Isowarm Under Floor Heating and/or Isocrete Acoustic K insulation overlaid with the decorative resin floor finish of your choice.

APPROVED APPLICATORS - A selected team of approved and licensed flooring applicators on site installing the complete **Floorzone** package from Flowcrete - reducing labour, transport costs and waste generation.

TECHNICAL SERVICES - A team of technical experts on hand to assist you throughout the duration of your flooring project.

VALUE FOR MONEY - Our systems are proven to stand up to the test of time, their guaranteed longevity ensures that the life-cycle costing of the floor remains low.

LOW ENVIRONMENTAL IMPACT - Our **Floorzone** package for the education sector has been designed with sustainability in mind and our environmentally pro-active flooring materials can help architects and specifiers qualify for Green Building credits.*



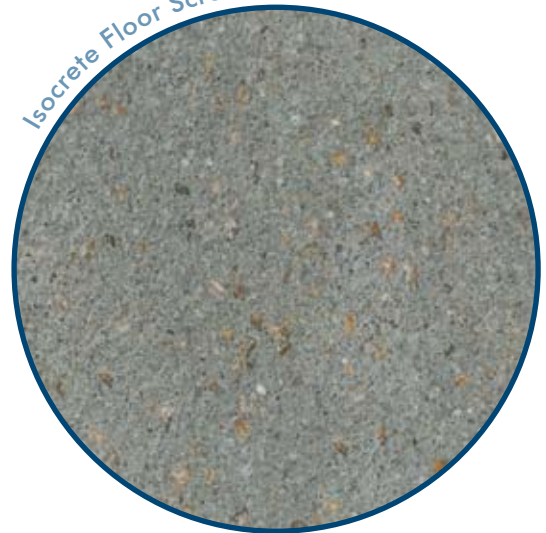


Flowcrete Floor Finish



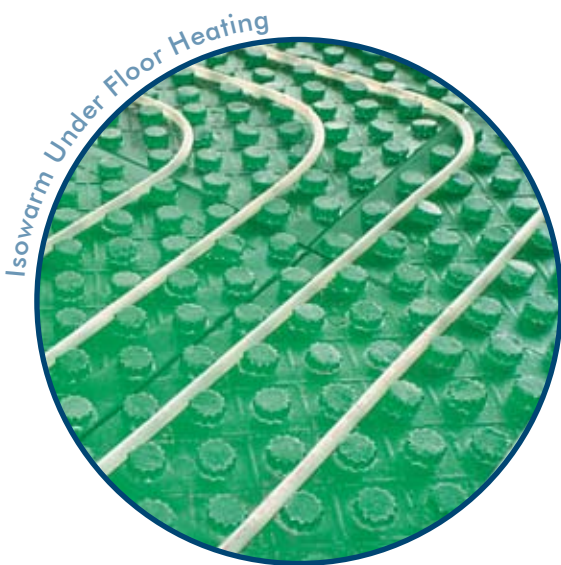
We have an extensive range of floor finishes and commercial surfaces that are guaranteed to perform in any workspace - whether it be hygienic floors for food processing areas, rapid curing floors for fast track installations, chemical resistant floors for science laboratories or decorative floors that offer design flexibility - we have all the floor finishes you need for the education environment.

Isocrete Floor Screed



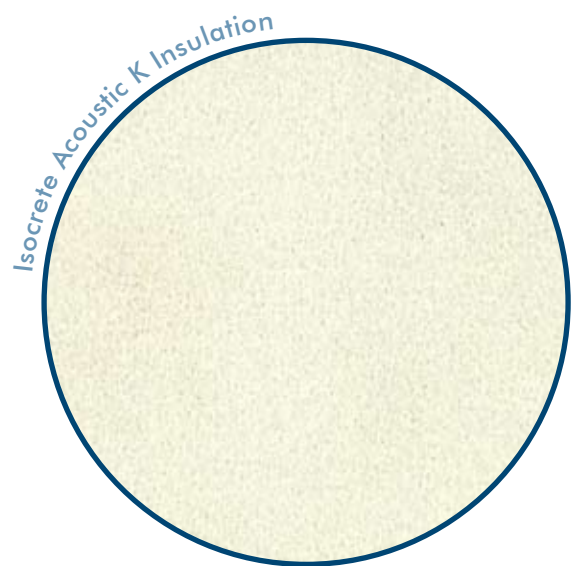
Hidden from sight our Isocrete Floor Screeds provide time proven strength that guarantees structural integrity and longevity for the school building. Fast, strong, safe and sustainable - our screeds use by-products from heavy industry waste streams and reduce clean water consumption in screed construction to meet high environmental standards.

Our Floorzone solution combines all the flooring needs of education environments, from the self-levelling Isocrete Floor Screed, supported by an Under Floor Heating system and Isocrete Acoustic K insulation, through to the decorative performance floor finish of your choice.



Isowarm Under Floor Heating

Our Isowarm Under Floor Heating system provides invisible, controllable heat, delivering economic, environmental and efficiency savings. Isowarm Under Floor Heating is a pioneering system geared up to the specialist needs of today's modern construction industry. Unlike traditional heating systems it provides heat where it is needed the most - from the ground up.



Isocrete Acoustic K Insulation

The latest addition to our Floorzone package is a pioneering acoustic flooring solution, Isocrete Acoustic K, designed to reduce noise levels within multi-purpose and multi-occupancy buildings. Our acoustic system offers peace of mind within the school environment in order to eliminate the adverse effects on learning brought about by poor acoustic standards.

The Floorzone Solution

DELIVERING- functional flooring

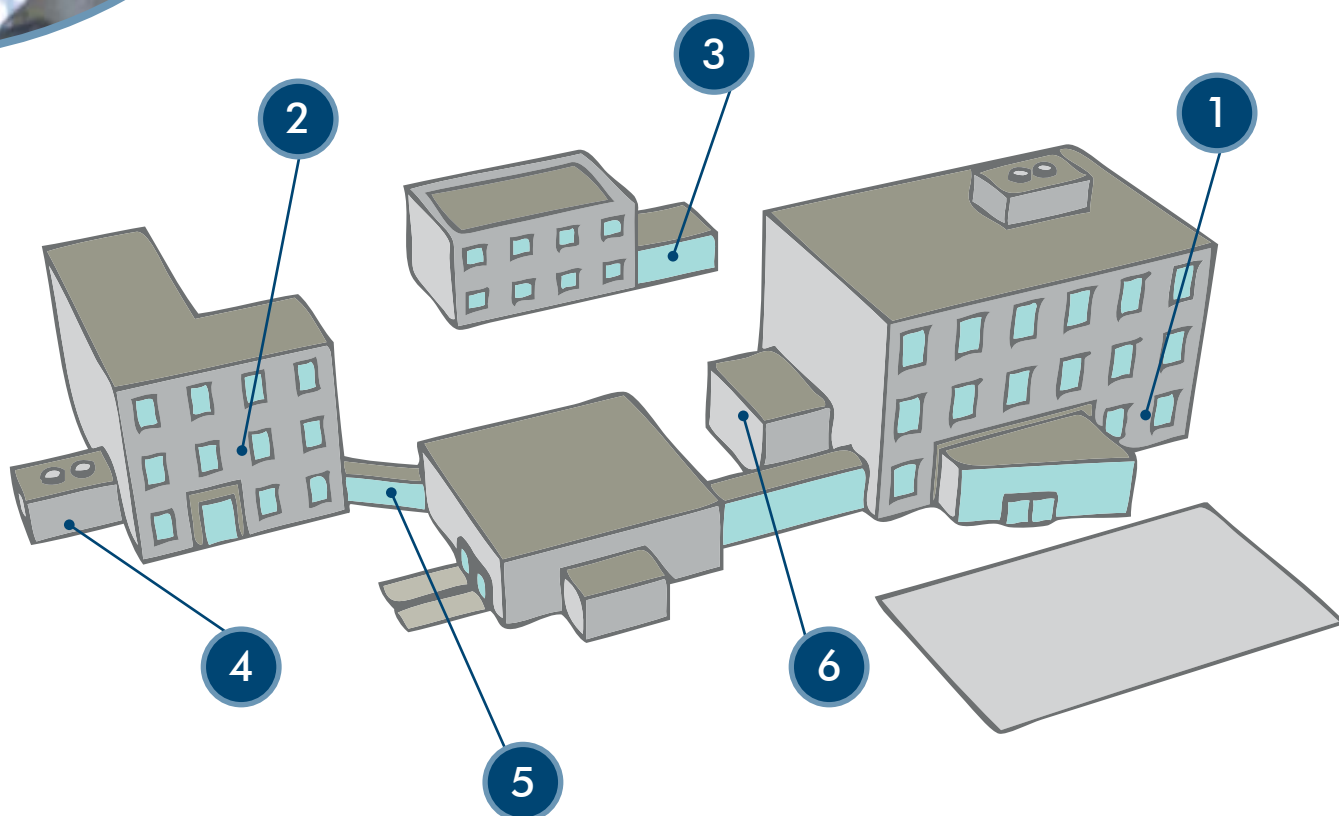


Stylish, safe, sustainable and secure – the benefits of our single responsibility Floorzone package make it an appealing choice for education environments.

Looking closely at the learning environment you will find a number of unique zones that require different flooring systems – from music rooms, art rooms, science laboratories and design and technology workshops through to cafeterias, changing rooms and general concourse areas.

Our extensive portfolio of performance products guarantees that we have the flooring solution for each and every workspace within the school building, creating environments which are not only conducive to learning and teaching processes but establish a climate of innovation within the classroom.

TRANSFORMING education environments



1



General Teaching Spaces

General classrooms, staff rooms, libraries and offices need a floor finish that is durable, acoustically insulated and attractive underfoot. Why not specify one of our decorative resin floors? They create bright and modern environments, can withstand intense foot traffic and are easily cleaned and maintained.

•Peran SL •Flowshield Quartz

2



Science Laboratories & Technology Rooms

Science laboratories and Technology rooms need light practical flooring that takes chemical and paint spillage in its stride. Why not opt for one of our chemical resistant floor finishes? They offer varying degrees of corrosion resistance dependant upon the chemicals used within your teaching programmes whilst at the same time remain attractive and durable underfoot.

•Peran ESD SL •Flowshield SL •Peran STB

3



Food Preparation Zones, Kitchens & Cafeterias

Food preparation zones, back-of-house kitchens and Food Technology rooms require flooring that achieves optimum hygiene performance. Why not specify our antimicrobial floor finish, Flowfresh? In partnership with a natural antimicrobial agent, Polygiene®, our Flowfresh range offers total protection from a number of harmful bacteria, can withstand thermal shock and is both easily cleaned and sterilised.

•Flowfresh MF •Flowfresh RT

4



Changing Rooms, Showers & WC Facilities

Changing rooms, shower areas and toilet facilities can easily become wet and need flooring that is durable, easily cleaned, hygienic and slip-resistant. Why not choose one of our suitable wet area floor finishes? These systems offer an adjustable anti-slip profile and their seamless finish eliminates the joints and cracks where dirt and bacteria can dwell, delivering optimum cleanability.

•Flowfast Quartz •Peran STB •Flowcoat SF41

5



Corridors & Stairwells

Corridors and stairwells are not just circulation areas, they are multi-purpose zones that have more onerous requirements. Why not opt for our Flowfast system for good all round performance? Not only does Flowfast offer impressive slip resistance in both dry and wet conditions, it is easily cleaned and delivers a decorative trafficable surface that is ready to walk over just two hours after installation.

•Flowfast Quartz •Flowfast Terrosso

6



Music Rooms & Drama Studios

Music recital rooms, video conferencing suites and drama studios are key areas that require quality acoustic insulation so as not to impact upon teaching elsewhere within the school environment. Why not choose our acoustic flooring system Isocrete Acoustic K? Isocrete Acoustic K complies with acoustic standards detailed in Approved Document E and Scottish Technical Handbook Section 5.

•Isocrete Acoustic K •Peran SL

ENSURING- sustainability

The Flowcrete Group is committed to developing our operations in a sustainable manner and has a holistic approach to producing environmentally friendly flooring materials. This means that rather than just focussing on environmental issues, all decision making considers the environmental, social and economic impact of our materials, manufacture and supply in order to improve our Company's contribution to addressing the important issues our society faces today.

The Floorzone package for the education sector has been designed to deliver the lowest possible environmental impact. Furthermore, our environmentally pro-active flooring materials are geared up to assist architects and specifiers qualify for Green Building Credits through initiatives such as Bream and LEED.*

Our specialist flooring products are low in VOC's (volatile organic compounds) and in the majority of cases solvent-free. Where possible, our materials are supplied in bulk using reusable UN Certified IBC's (intermediate bulk containers), which eliminate the generation of waste packaging and reduce transport cost and fuel consumption.

Our Isowarm Under Floor Heating system guarantees space-safety and has been proven to deliver energy savings of up to 20% compared to traditional heating systems.

Our range of Isocrete Floor Screeds contain by-products from heavy industry waste streams and are just one example of our drive towards producing cradle-to-cradle flooring solutions.

Our decorative seamless terrazzo system, Mondéco contains recycled glass aggregates and light reflective mirror fragments, which help to create organic and bright workspaces as well as reduce the need for artificial light.

But, it is our complete Floorzone concept that offers the education sector the greatest environmental, social and economic benefit. Our single responsibility package consolidates all of the school building's flooring needs from the Isocrete Floor Screed and Isowarm Under Floor Heating system through to the Isocrete Acoustic K insulation and performance floor finish.

This means, one selected application team on site installing environmentally pro-active flooring materials manufactured by one reputable supplier, delivered to site in recyclable bulk containers from one transport source - reducing energy consumption, fuel consumption, generated waste, quantity of packaging, construction programs and ultimately client cost.

We recognise that adopting a sustainable approach across all of our operations throughout the world is the only way that we can truly improve our Company's contribution to a sustainable world. By doing so, Flowcrete's contribution to environmental protection, social advancement and economic prosperity will be significant and tangible.

* For more information on how Flowcrete can assist you with Green Building Credits contact your local Flowcrete office.

TRANSFORMING environments



Academy of St Francis of Assisi, UK.

Flowcrete made the grade with a floor combining top-of-the-class quality and environmental design at the Academy of St Francis of Assisi in Liverpool. The Academy of St Francis provides top-flight educational opportunities to nearly a thousand 11-16 year olds in the Kensington district.

The Academy has many environmental features including a solar roof, natural lighting, low energy ventilation and intelligent water use. An important factor in the design of the building was the use of Green Building materials wherever possible.

Mondéco Crystal, the seamless resin terrazzo floor finish from Flowcrete, was chosen for its stunning looks, durability and ease of maintenance. Mondéco Crystal also reflects the environmental theme around the design of the building, with the use of recycled, clear crystal glass aggregates, set in a coloured resin binder.



The Minster School, UK.

A rainbow of colours was on the curriculum for the Minster School in Nottingham. The specialist music and humanities new build school needed to reflect modern day learning with state of the art facilities and a rich technological environment.

Mondéco Earth, a seamless resin terrazzo, in Coconut, was installed at the school entrance, the main hallway and staircases. Mondéco Earth was chosen for its ability to look modern and stylish whilst also providing a durable system underfoot.

Flowshield SL, a smooth resin finish was applied to the floors of the woodwork and metalwork rooms with a special anti slip surface. The showers and changing rooms were finished with the hygienic seamless quartz Peran STB, a performance flooring system for wet areas.



King Edward VI Camp Hill Grammar School, UK.

Flowcrete has helped to transform the image of secondary school changing rooms by creating a colourful and inviting zone for boys and girls attending the King Edward VI Camp Hill Grammar School in Birmingham.

Around 300 sq meters of Peran STB Classic and coving have been installed within the main changing area, showers and toilets of the school's new build Sports Centre. Chiefs at the school, which was recognised as The Sunday Times 'School of the Year 2006', sought a hard-wearing slip resistant seamless floor system that could be installed with coving into and around several drainage channels.

Peran STB Classic was the ideal product for the project offering an attractive hygienic flooring solution which is easily cleaned and best suited to wet environments.





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