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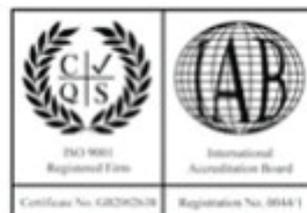
## Specialists in high-performance hygienic wall, ceiling & floor coating systems.

Goss Environmental Coatings Limited specialise in the supply and installation of Hygienic Coatings, Hygienic Flooring, high performance / impact resistant, durable and cleanable wall, ceiling and Hygienic coatings, suitable for application in operating theatres, hospital clean rooms, aseptic suites, clean production areas and general circulation areas (e.g., in the medical, food, pharmaceutical, research, leisure, electronic, prison, education and manufacturing sectors). The Hygiene coating products we supply and install are durable, cleanable, ultra hygienic and have significant lifecycle benefits.

We are preferred and / or experienced applicators for most of the key proprietary manufacturers operating within the UK, including Tremco Europe, C/S Wallglaze, Sika, Liquid Plastics Ltd, 3M, Rust Oleum and APML, etc. We both supply and apply the specialist Hygienic Flooring, wall and ceiling coatings which we install. Goss Environmental Coatings Limited offers a 24 year track record in this field, a trained and experienced team and a range of high performance, ultra hygienic, cost effective and fast track coating and surface protection solutions, to suit a diverse range of operating environments. Key products we supply and install include Sikagard Steridex; Sikagard Sterisheen; C/S Wallglaze Wallflex and, C/S Wallglaze Armourglaze, Tremco Tretoplast WB and fibreglass re-inforcement systems. We are also able to offer hygienic cladding supply and installation services, including Altro Whiterock.



- High Performance Coatings
- Fast Track Installation
- Coatings / Fibreglassing / Wall Protection





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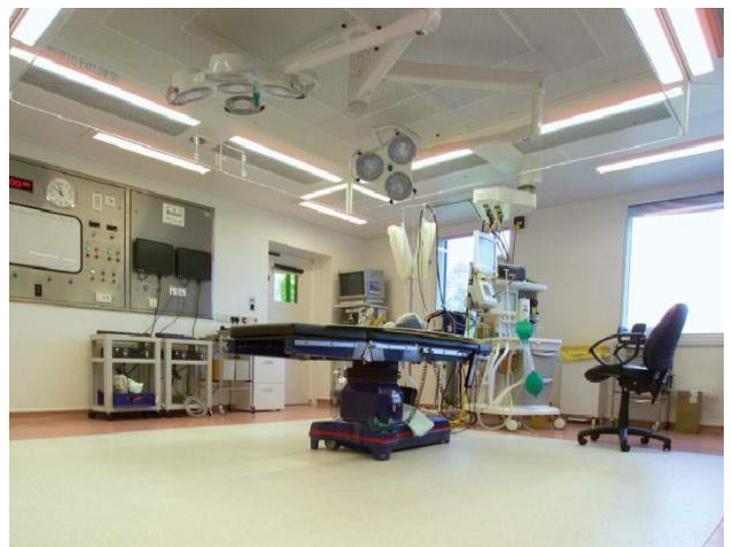
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## About Goss Environmental Coatings Ltd

We have extensive experience in the supply and application of high performance coatings systems, and are manufacturers' "approved applicators" for most proprietary coating systems in our specialist field.

Established in 1988, the Company enjoys a 'blue chip' client base throughout the UK, which has grown by reputation and recommendation. We provide top quality work and highly effective site performance. As well as working on new build projects, we also undertake the repainting and fast track maintenance of specialist, high performance and hygienic coatings. From our offices in Berkhamsted, Hertfordshire, we place great emphasis on effective job planning and management, both pre-contract and on site. We understand situations where 'down time' is at a premium, and seek to provide the highest possible service and quality of finished work to our clients. We are especially proud of our unique approach to the fast track refurbishment of hospital operating theatre suites – minimising down time and lost list time.

We would be pleased to discuss your requirements for specialist, high performance and hygienic coatings, provide free UK site surveys and supply further information as required.





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## Our Services

### **Clean Room aseptic coatings:**

Operating suites, clean rooms for drug production, research laboratories, etc;

### **Coatings for hygienic and food processing areas:**

Odourless and high performance coatings for manufacturing, production, distribution, and catering areas, etc;

### **Durable coatings for circulation areas:**

Cost effective, durable and maintainable coatings for use in hospital corridors, colleges, schools, institutions, and general circulation areas, etc;

### **Associated services:**

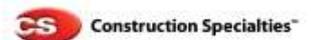
Applied floor coatings – epoxy, polyester, polyurethanes and acrylics; wall cladding/protection – bumper strips, sheet protection, corner protectors, etc;

### **Systems advice :**

As a long-term installer and proven specialists, we are pleased to provide experienced-based opinions and input from a practical 'end-user' focused perspective, i.e., systems and product characteristics, cost/benefit comparisons, maintenance considerations, etc.\*

- We carry out small jobs as well as large contracts
- We do emergency and short notice work
- We aim to provide a full and immediate service to all our clients
- We are fully prepared to work unsociable hours and over holiday periods

\* Please note, GECL offers experienced-based input only, and do not profess to be design professionals in the sectors in which we operate, and carry no design liability. Please see terms and conditions, available on request.





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## Case Studies

We have an impressive client base across a wide range of industries and services. These indicate our wealth of experience in working on a range of applications, such as:

- Operating theatres, Category 3 / 4 labs and other clean room / aseptic suite projects for both the NHS Trust and private medical groups, research and pharmaceutical organisations;
- Production areas in industries where sterile and/or high performance coatings are required;
- Specialist projects such as radiation decontamination cells and experimental suites;
- Refurbishment and ongoing maintenance using specialist coatings;
- Installation of durable coatings in areas where general impact resistance and cleanability are important (waiting rooms, corridors, circulation areas);
- `Wet` areas - changing rooms, shower blocks, swimming pool environments;
- Projects where corrosion and fire protection coatings are required.

We work for a range of clients: major contractors, specialist contractors, FM companies and end-users. We would be happy to provide further details and client references, on request.



### **Nucleus Healthcare, Newport**

The specific aim of this project was to modify an existing Endoscopy room to form a new operating theatre at Nucleus Healthcare in Newport. The installer directing the project was Fulbourn Medical, a long term specialist installation company in Cambridge.



### **Rother House Medical Centre**

As part of the refurbishment contract at Rother House Medical Centre, Goss Environmental was selected by main contractor Clean Modules Ltd to specify and install nearly 200m<sup>2</sup> of sterile coatings within the new operating theatre and adjacent areas.



### **Spiceball Leisure Centre**

The design team sought an alternative coating system to acrylated rubber to use on the walls and ceilings in the swimming pool and changing room areas. The coating would need to provide a functionally effective barrier for the two environments.



### **Virgin First Class Lounge**

The aim of this project was to install a high performance, durable and cleanable coating system to the 'high impact' wall surfaces of the Virgin First Class Lounge at London Euston.



### **Cambridge CAT 2 Laboratory**

As part of the on-going expansion of the facility, the internal walls and ceiling of this new build category 2 laboratory required a hygienic coating that could withstand cleaning with bacteriocidal/virocidal cleansing agents.

## Nucleus Healthcare, Newport

The specific aim of this project was to modify an existing Endoscopy room to form a new operating theatre at Nucleus Healthcare in Newport. The installer directing the project was Fulbourn Medical, a long term specialist installation company in Cambridge. Goss Environmental Coatings Limited liaised carefully with Fulbourn Medical to provide a fast track hygienic coating installation at the end of the project, bringing the substrates back up to a good hygienic standard following the installation of the specialist equipment and associated building works. The design team needed a proprietary operating theatre coating system, installed quickly and efficiently, on time and to a high quality standard.

### The Solution



Liquid Plastics' Sterisheen was used on this project and applied on a range of substrates including existing coatings and new substrates. Sterisheen is a waterborne, hygienic, modified acrylic, low odour and rapid drying elastomeric coating. The programme for completion was very tight but the low odour nature of Liquid Plastics' coatings, coupled with careful planning and rapid drying, enabled multiple trades to work in close proximity within the area to get finished on time. Fulbourn Medical and Goss Environmental Coatings Limited knew – from experience and previous project specifications – that Sterisheen would meet the parameters required and would provide a 'fast track' solution that would satisfy the tight deadlines involved.

### The Benefits

The Sterisheen system provides a cost effective coating that creates a hygienic, cleanable, elastomeric coating finish in operating theatres and other cleanroom environments. Sterisheen is durable, provides good resistance to a range of chemicals and cleaning agents, and can withstand impact without flaking and cracking. Sterisheen is 'low odour', fast drying and extremely versatile. The use of Liquid Plastics' hygienic systems can contribute significantly to long term coating performance and minimising lifecycle costs.



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## Rother House Medical Centre

As part of the refurbishment contract at Rother House Medical Centre, Goss Environmental was selected by main contractor Clean Modules Ltd to supply and install nearly 200m<sup>2</sup> of sterile coatings within the new operating theatre and adjacent areas.

- \* Tretoplast WB spray-applied sterile coating system applied to walls and ceilings
- \* All work carried out while hospital remained open to patients and the public
- \* Durable, seamless coating resistant to mould and bacteria

"We applied the system to new plaster and previously painted substrates. We installed Tremco's Tretoplast WB as part of a 'fast track' programme. It was proposed to the clients because it gives a smooth, joint free, anti-bacterial surface and is practically odourless when used." – George Goss Managing Director, Goss Environmental Coatings Limited.



Prior to the application of the coating system, new plasterwork was treated and previously painted surfaces were sealed. The work, carried out while the hospital was still open to patients and the public, involved spraying the Tretoplast WB system on to walls and ceilings of the new theatre and all of its ancillary rooms.

Tretoplast WB system has been used in theatre/clean room facilities by a multitude of organisations: NHS, BUPA/Spire, BMI, Classic, Capio, Classic, HCA and Aspen hospitals plus many 'blue chip' pharmaceutical organisations and governmental/research institutions.

The result is a seamless elastomeric coating with a durable, cleanable finish on floors, walls and ceilings. Resistant to mould and bacteria, Tretoplast WB is ideal for use in operating theatres, laboratories, prisons, hospitals, pharmaceuticals, food and leisure industries and similar facilities.



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## Spiceball Leisure Centre

The design team sought an alternative coating system to acrylated rubber to use on the walls and ceilings in the swimming pool and changing room areas. The coating would need to provide a functionally effective barrier for the two environments – both of which experience high humidity and high temperatures.

### The Challenge

The aim of this project was to develop a new leisure centre in Banbury – Spiceball Leisure Centre. Kier Moss was the main Contractor as part of a selected consortium, along with Parkwood Project Management, Parkwood Leisure, and the architect Burke Rickhards. The design team sought an alternative coating system to acrylated rubber to use on the walls and ceilings in the swimming pool and changing room areas. The coating would need to provide a functionally effective barrier for the two environments – both of which experience high humidity and high temperatures.

### The Solution

Liquid Plastics' Steridex and Sterisheen systems were trialled, specified for the project, and applied on a range of substrates including plasterboard, plaster, blockwork, and galvanized soffits. Both Steridex and Sterisheen are waterborne, modified acrylic, highly elastomeric, hygienic coatings. The programme for completion was very tight but the low odour nature of Liquid Plastics' coatings, coupled with careful planning, enabled multiple trades to work in close proximity within the area under construction.

Steridex and Sterisheen systems represent a cost effective solution that creates an effective vapour barrier. They are also highly elastomeric and contain a non-leaching, organic, in-film preservative. Steridex and Sterisheen are durable, cleanable, show good resistance to a range of chemicals, and can withstand impact without flaking and cracking. Both products are also 'low odour' and extremely versatile.





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## Virgin First Class Lounge

The aim of this project was to install a high performance, durable and cleanable coating system to the 'high impact' wall surfaces of the Virgin First Class Lounge at London Euston. The problem experienced by Virgin (and to be resolved by the facilities management company Serco) was that the corridor, general circulation areas, toilets, and lounge walls were being continually marked and damaged by heavy usage – for example laptop bags scraping the walls. Virgin/Serco Project Services required a coating system which would be more durable than conventional paint, available in an attractive finish and colour to create a comfortable environment, and easily installed on a fast track basis. The coating also needed to be easy to maintain and clean in the future.



### The Solution

After considering the solutions available and inspecting various product samples, the decision was made to specify a combination of two Liquid Plastics' systems – installed by the Approved Hygiene Contractor Goss Environmental Coatings Ltd.



Liquid Plastics' Steridex/Sterimatt system with Reemat Lite reinforcement was applied to the lower parts of the walls – providing extra impact resistance to vulnerable wall surfaces. The Sterimatt top coat was extended to the full wall height, to give a uniform appearance across the wall surfaces. Both Steridex and Sterimatt are waterborne, modified acrylic, hygienic systems that cure to form a highly durable, easily cleaned, aesthetic surface finish.

The nature of the area – a seven days a week operational first class lounge – meant that all work had to be completed during the night, with special consideration to Virgin/Network Rail/Serco operating and security procedures. The low odour and fast drying nature of Liquid Plastics' coatings, and the 'fast track' approach of Goss Environmental Coatings working closely with the Serco Project Services, meant that all works were executed over a seven day period with no disruption to Virgin Customer Services. The project was completed in a low hazard manner satisfying the client's key health and safety guidelines, which were paramount throughout the duration of the works.

### The Benefits

In this instance Liquid Plastics' hygienic coatings range represented a high performance and cost effective alternative to conventional coatings, enabling Virgin and Serco to offer a high performance environment to their customers. The products were installed effectively and with minimum disruption. In addition the products chosen will offer a significant improvement on lifecycle costs as the walls are now more durable and easily cleanable. Future maintenance will also be considerably improved.



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## Cambridge CAT 2 Laboratory

As part of the on-going expansion of the facility, the internal walls and ceiling of this new build category 2 laboratory required a hygienic coating that could withstand cleaning with bacteriocidal/virocidal cleansing agents.

Liquid Plastics' Steridex and Sterimatt were specified for the project. Both products are water based, modified acrylic, antimicrobial coatings that provide completely seamless hygienic protection. Steridex, followed by two coats of Sterimatt, was applied to the walls and ceiling to achieve a seamless, flexible finish that is extremely tough and ideal for areas requiring repeated cleaning.

Size : 6000m<sup>2</sup>

Products : Steridex and Sterimatt





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## Health & Safety

It is Goss Environmental Coatings Limited's policy to plan for, and safeguard the health, safety, and welfare of everyone who works at, or visits, our premises and other places of work and who is likely to be affected by our operations. We will do all we reasonably can to:

- make them aware of potential hazards, safe working practices and the arrangements for emergencies such as fire, first aid etc;
- protect them from risks at work through effective risk assessment and the implementation of appropriate preventive and / or protective measures;
- provide our staff, and visitors where appropriate, with personal protective equipment, together with information and guidance in its use, whether required by regulation, code of practice or operational considerations;
- ensure that our accommodation, equipment, facilities, materials, substances, transport, driving and working practices are safe and without undue risk to health;
- help our employees & operatives to meet their legal duty of care, by involving them, and encouraging their co-operation in the management of their own health and safety, through appropriate information and training;
- consult our staff on matters affecting their health, safety, and welfare at work;
- provide competent support to our managers and supervisors to continuously improve and maintain a consistently high standard of health and safety management in their areas of responsibility.

George Goss is the Executive with responsibility for health & safety policy. This statement is supplemented with a more detailed Health & Safety policy which is available from GECL on request.



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## Contact Details

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