



# SustainHygen

HYGIENIC RANGE WITH ANTI-MICROBIAL PROPERTIES

EMERGENCY  
DEPARTMENT



**GeneralPaints**  
Protecting your future, today

## GENERAL PAINTS

### UNRIVALLED PERFORMANCE AND PROTECTION

**General Paints** is the innovative leader in providing sustainable coating solutions to a variety of industries. We develop tailor-made products, meeting the specific needs of individual customers that deliver the durable finishes, demanded by complex working environments including:

- OEM INDUSTRY
- WOODCARE INDUSTRY
- CONCRETE FLOORING
- ROAD CONSTRUCTION
- HEALTHCARE CONSTRUCTION
- ACOUSTIC AUTOMOTIVE INDUSTRY

Our sustainable coating solutions are based on the three pillars of sustainability:

- 1 Environmental dimension; water based products with lower VOC emissions
- 2 Social dimension; health friendly and safe for the applicator to apply our products
- 3 Economical dimension; unrivalled performance at competitive pricing

### EXPERIENCE, INNOVATION AND CUSTOMER FOCUS

is what makes General Paints the ideal coatings partner.

### SustainRange

**SustainRange** is a brand of General Paints. The **SustainRange** brand consists of 7 separate product groups, each designed to meet the specific needs of their industry and includes:

**SustainGuard** - Anti-corrosion range for steel protection in the OEM industry

**SustainCare** - Protective coatings range for the wood care industry

**SustainProof** - High performance range for concrete protection and flooring

**SustainHygen** - Hygienic range with anti-microbial properties for healthcare/food production/equine industry

**SustainLife** - Life saving anti-malaria range with (natural) insecticide for health care and civil construction

**SustainLine** - Quick drying range for line marking in road construction

**SustainSound** - Light weight sound dampening range for the automotive industry

Supporting these innovative product groups, our supply is backed up by the unrivalled expertise of our customer service team and technical representatives who will assess your exact needs and assist in specifying the optimum coating solution.

Constantly at the forefront of sustainable coatings technology, General Paints' products are tested, approved and certified to all the relevant industry standards. This continuous drive for product excellence ensures that we provide state-of-the-art coating solutions that will not only meet but exceed your requirements.



## THE SUSTAINHYGEN RANGE

General Paints has developed a range of coating solutions which were designed as a secondary defence against commonly occurring bacteria such as the hospital Superbug MRSA and E-Coli. The SustainHygen range offers an advanced technology which is designed to actively fight destructive microbes on a large number of surfaces and has been developed in conjunction with the Centre for Research Engineering Surface Technology (CREST) and Dublin Institute of Technology (DIT). SustainHygen has been specifically designed to perform over an extended period due to its extra durable formulation in addition to the patented silver ion release mechanism.

The SustainHygen range utilizes the centuries-known antiseptic properties of silver. In Roman times, water vessels were made from silver due to its purification properties. Silver ions are non-toxic to humans and have several beneficial properties which make it an excellent ingredient for use as an anti-microbial material. It is thermally stable, shows broad spectral activity against many target organisms and is stable against UV/visible radiation.

SustainHygen has also been independently tested for scrub resistance. The scrub resistance was performed according to the British Standard BS7719 up to 2,000 cycles. Three different scrub agents were employed: 70% isopropyl alcohol, Hibicet and Soludaz. The antibacterial testing was based on the international Japanese standard, JISZ2801 against a clinical strain of MRSA which has caused at least one fatality.

## SUSTAINHYGEN APPLICATIONS

The SustainHygen range is a diverse range, with applications in the following areas:

- Hospital patient areas
- Food service, manufacturing and packaging areas
- Pharmaceutical laboratories
- Childcare facilities
- Assisted care facilities
- Gymnasiums
- Water treatment plants





## THE SUSTAINHYGEN RANGE

### SUSTAINHYGEN 40

Single pack 100% acrylic antibacterial coating

SustainHygen 40 is most suitable in areas that require demanding cleaning cycles for application on walls and ceilings in all areas of hospitals, pharmaceutical production, laboratories, food processing and preparation areas.

- Resistant to repeated cleaning cycles using hospital detergents and cleaning solutions
- Quick drying – two coats in same working day
- Greatly reduced lifecycle costs
- Tough, high durability and non-yellowing
- Suitable for application on walls and ceilings

### SUSTAINHYGEN 45

Single pack, solvent free, antibacterial waterbased alkyd

SustainHygen 45 is quick drying and ensures that the painted area can be occupied in a short space of time following application resulting in minimal disruption to the given area.

- Resistant to repeated cleaning cycles using hospital detergents and cleaning solutions
- Quick drying – two coats in same working day
- Greatly reduced lifecycle costs
- Tough, high durability and non-yellowing
- Suitable for application on walls, ceilings and woodwork

### SUSTAINHYGEN 449

Two pack, solvent free, antibacterial modified polyurethane

SustainHygen 449 is suitable for operating theatres and all high traffic areas in hospitals, pharmaceutical plants, laboratories, food processing and preparation areas or any area which could be at risk of repeated impact. SustainHygen 449 is an ideal topcoat for various proprietary impact resistant drywall and sheeting

- Resistant to repeated cleaning cycles using hospital detergents and cleaning solutions
- Quick drying – two coats in same working day
- Greatly reduced lifecycle costs
- Impact resistant >80psi (BS AU148)
- Tough, high durability and non-yellowing



RAPID MIXER GRANULATOR





## BEST IN CLASS SERVICE

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At General Paints we realise that supplying high performance concrete protection systems is not sufficient. We understand the complex environment in which our clients in this industry are working, taking into account the various factors that influence efficiency and at the same time realizing the client's needs and criteria for quality, cost effectiveness, technical and environmental standards.

General Paints consultation service will provide you with detailed solutions and recommendations which will result in improvements in the quality and cost efficiency in your complete coating process.

In conjunction with our consultation service General Paints can develop tailor-made coating solutions. Many of the products within the SustainHygen range were once products designed for designated clients and have become part of the standard range because of their optimal performance which is applicable to a broader client base.



Our commitment doesn't end there. To ensure that your coating process runs smoothly, our experienced technical representatives can be assigned to provide continuous advice and onsite support you may require throughout the process, including regular inspections of the coating process, viscosity levels and film thickness or temperature checks.

This complete system allows us to establish partnerships with clients by offering a complete solution to their coating needs. General Paints sees its mission as: We grow as our partners grow.





## GENERAL PAINTS

General Paints brings unrivalled levels of innovation, experience and expertise in hygienic coatings technology.

We have in-depth knowledge of industry, our customers' day-to-day challenges and the environmental, health and safety standards in the marketplace. By working in close partnership with customers, our technical service representatives are able to offer an unsurpassed level of expertise. This enables us to respond quickly with efficient, economic solutions in all environments and industries.

The result – expert consultation service, increasing your efficiency in combination with performance-enhancing coating systems that can be applied more easily, resist the elements more effectively, and deliver maximum performance.

*Protecting your future today*

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