



SustainGuard

SUSTAINABLE COATING RANGE FOR THE OEM INDUSTRY



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

A BRAND YOU CAN TRUST & SERVICE YOU CAN RELY ON

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 coating 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 SUSTAINGUARD RANGE

The complex environments in the OEM industry demand long-lasting and highly resilient systems for the end-user, whilst taking into account the specific set-up of the existing coating lines and processes. As part of our service we incorporate important factors like size and shape of the objects to be coated, line speed, film thickness, material and labour costs, cost per unit and overall cost of coating, and the level of VOC emissions.

The innovative SustainGuard range answers the needs of the OEM industry and its end-users with a proven track record in protecting equipment and machinery of Europe's top producers throughout their lifetime.

SustainGuard corrosion-resistant coatings are quick drying, low on VOC emissions, and have been specially formulated to provide ultimate performance, durability, weather ability, colour and gloss retention. All have been tested to meet and exceed the highest international technology standards as well as current and future EU emission legislation.

SustainGuard products are available in a full range of RAL and BS colours as well as an array of custom designed colours ensuring ultimate flexibility in our coatings range.

SUSTAINGUARD APPLICATIONS

The SustainGuard range is widely used and respected in key OEM Industry sectors, meeting the extreme challenges required to protect your assets in Ireland, UK and Europe:

- Agricultural and earthmoving fabrication
- Foundries and primary metal fabrication
- Submersible pump manufacturers
- Pulp and paper manufacturers
- Metal street furniture manufacturers
- Transportation Manufacturers
- Defense Equipment Manufacturers





THE SUSTAINGUARD RANGE

SUSTAINGUARD 11

One-component acrylic primer/sealer

SustainGuard 11 is a high-solids acrylic primer sealer developed for use of various substrates such as mild steel, aluminum and galvanized substrates.

- Quick drying
 - Low VOC
 - Good corrosion resistance
 - Long-standing track record
 - System primer in combination with SustainGuard 12
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SUSTAINGUARD 12

One-component water-based acrylic enamel

SustainGuard 12 is a single pack water based acrylic formulated to replace conventional alkyd fast-dry enamels. This product exhibits exceptionally high gloss which has previously been unattainable in water-based coatings.

- High-gloss finish
 - Outstanding test results on salt spray and resistance to chemical splash
 - Quick drying
 - Flexibility in application method
 - Best performance in combination with SustainGuard 11 as system primer
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SUSTAINGUARD 14

One-component water-based tailor-made dip coating

SustainGuard 14 is single pack water based polyester stoving enamel which has been formulated for metallic substrates to give high anticorrosion performance protection. It provides excellent corrosion resistance plus has the waterborne coating advantage of low VOC, no solvent reduction, low odour and is specifically designed for dip application.

- Excellent corrosion resistance
 - Low VOC
 - Outstanding test results on salt spray and resistance to chemical splash
 - Excellent weather stability
 - Excellent flow/appearance
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SUSTAINGUARD 15

One-component water-based tailor-made dip coating

SustainGuard 15 is a fast drying single pack water based Acrylic coating which has been designed for both ferrous and non-ferrous substrates in order to achieve high anticorrosion performance protection as a substitute for solvent borne Bitumen products. It provides excellent corrosion resistance plus has the waterborne coating advantage of low VOC, no solvent reduction, low odour and is designed for dip application.

- Excellent corrosion resistance
- Low VOC
- Excellent weather stability
- Excellent flow/appearance
- Formulated to withstand flash-rusting



SUSTAINGUARD 16

One-component epoxy anti-corrosive coating

SustainGuard 16 is a fast drying single pack water based high-solids epoxy coating formulated for metallic substrates to give high anticorrosion performance protection. It provides excellent corrosion resistance plus has the waterborne coating advantage of low VOC, no solvent reduction, low odour and application method flexibility.

- Low VOC
- Easy application – 1K system
- System primer in combination with SustainGuard 130
- Excellent corrosion resistance
- Outstanding test results on salt spray and resistance to chemical splash

SUSTAINGUARD 115

Two component water-based anti-corrosive coating

SustainGuard 115 is a high-solids, low-VOC epoxy primer, formulated for high performance protection. It provides excellent corrosion resistance and is tested and approved for immersion in water.

- Excellent adhesion to various metal substrates
- Fast-drying
- Compliant with EU emission legislation
- One-coat application to 120 µm
- Good water and corrosion resistance

SUSTAINGUARD 130

Two component water-based polyurethane topcoat

SustainGuard 130 is a high-solids, low-VOC polyurethane finish providing excellent exterior durability. It provides a superior finish with excellent coverage and achievable gloss levels of >90%. (Gloss finish)

- Compliant with EU emission legislation
- Good color and gloss retention
- Excellent impact and abrasion resistance
- Best performance in combination with SustainGuard 16 as system primer

SUSTAINGUARD 140

Two component water-based tailor-made anti-corrosive coating

SustainGuard 140 is a high-solids, low-VOC epoxy primer and coating, formulated for specific application on submersible pumps. It provides excellent corrosion resistance and is tested and approved for long term water immersion in a full range of pH levels. The high build allows greater achievable levels of application while maintaining superior sag resistance.

- Adhesion to zinc phosphate cleaned cast iron
- Compliant with EU emission legislation
- Tested and approved for resistance to more than 1000 hour salt spray
- Excellent water and corrosion resistance





BEST IN CLASS SERVICE

At General Paints we realise that supplying a high performance system for your coating line is not sufficient. We understand the complex environment in which our OEM client is working, taking into account the various factors that influence production efficiency and at the same time realising the client's needs and criteria for quality, cost effectiveness, technical and environmental standards.

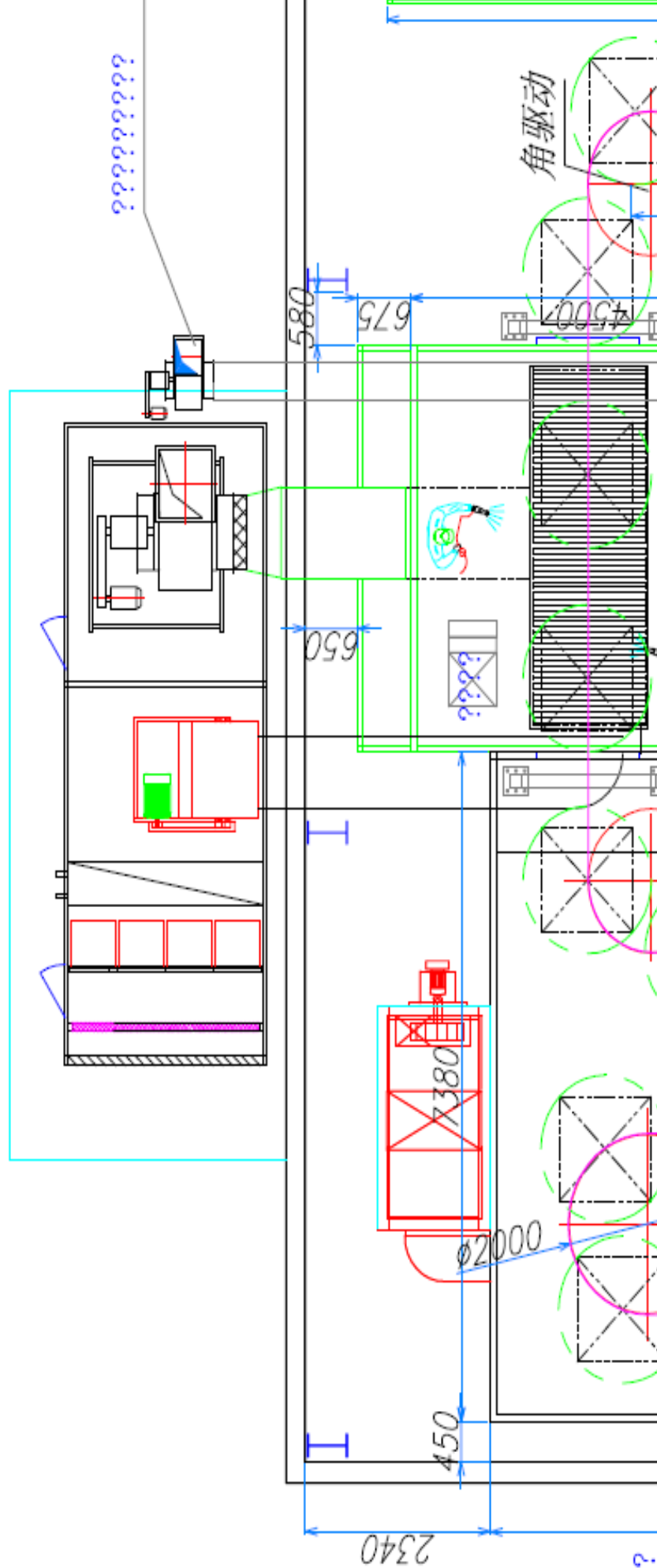
The Integrated Process Engineering of General Paints is our consultation service for OEM manufacturers with an in-plant coating line. This expert service helps to evaluate existing coating lines and processes which need to be optimised in respect of throughput speed, VOC emissions, energy consumption, improved working conditions and job safety. It also offers help and guidance in design and construction of new facilities to ensure the optimum possible efficiency of your coating process.

General Paints' Integrated Process Engineering will provide you with detailed solutions and recommendations which will result in improvements in the quality and cost efficiency in your coating process. The service covers all areas of industrial coating, from basic logistics to optional pretreatment procedures, application of coating, curing and packaging.

In conjunction with our consultation service, General Paints can develop tailor-made coating solutions, specific to the needs of the OEM client. Many of the products within the SustainGuard 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 here. To ensure that your coating line runs smoothly, our experienced technical representatives can be assigned to provide continuous advice and rapid onsite support you may require throughout the process, including regular inspections of the coating line, 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.



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GENERAL PAINTS

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

We have in-depth knowledge of the 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 the efficiency of your coating line 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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