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Norsok M501 Specialist Epoxy Paint Systems

- Phenolic Paint Systems
- Multi coat Epoxy Systems
- Polysiloxane Coatings
- Tank Linings
- Water Based Marine and Nuclear coatings
- Antifouling Paint systems
- Subsea Epoxy systems



Our applicators are trained to the requirements of the Norsok M501 standard on various systems and have passed rigorous practical and theoretical testing to ensure specification compliance. Records are available for our operators and Inspectors giving the customer the confidence that the contract is dealt with by professionals and in a professional manner.

The aim of this NORSOK standard is to obtain a coating system, which ensures.

a) Optimal protection of the installation with a minimum need for maintenance

b) The coating system is maintenance friendly

c) The coating system is application friendly

d) Health, safety and environmental impacts are evaluated and documented.

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Surface Engineers—Stainless Restoration Ltd

The original company was Established in 1985 and Joined the SRL Group in 2016.



Our expertise enables us to meet the most stringent of specifications which makes us the first choice supplier for many major OEM companies in the UK.

⇒ 5 x Overhead Cranes 30t, 16t, 10t, 5t,
⇒ 3 forklift trucks,
⇒ 2 Scissor lifts
⇒ 1 cherry picker
⇒ 5 Heated paint spray booths
⇒ Dedicated blast booths for stainless steel.
⇒ Dedicated grit blast booths for carbon steel.
⇒ ICATS trained staff
⇒ NACE level 2 inspectors

Our very flexible production facility enables us to coat a wide range of items to customers given specifications, from one offs to large batch quantities ranging from small items to large fabricated structures weighing up to 30 tonnes. We offer this service to a wide range of industries.

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Surface Engineers Ltd

A member of SRL Group Holdings Ltd

Industrial Coating Contractors

- Oil and Gas
- Nuclear Industry
- Chemical Process Plant
- Tank Linings
- Architectural sector
- Subsea
- Energy

Surface Engineers is a specialist coating company providing industry with a range of anti-corrosive services spanning over 40 years.

These high quality, cost effective surface preparation and protective coating systems are applied at our extensive 75,000 square foot processing and storage facility, with handling capacity up to 30 tonnes, in east Manchester.

Work carried out by Surface Engineers has formed an integral part of many major projects in the Oil and Gas Markets around the world.

Adamson's Ind Est
Croft Street
Hyde, Manchester
Tel: 0161 368 6191

sales@surface-engineers.com

2

Thermally Sprayed Zinc & Aluminium

Metal or thermal spraying is a technology, which protects and greatly extends the life of a wide variety of products in the most hostile environments.

The variety of metallised coatings is vast but can be broken down into two main categories. These include finishing coatings, such as anti-corrosion or decorative coatings, and engineering coatings such as wear resistant and thermal barrier coatings.

There are four commonly used processes in thermal spraying;



⇒ Flamespray

⇒ Arcspray

⇒ Plasma Spray

⇒ High Velocity Oxygen Fuel

All methods of thermal spraying involve the projection of small molten particles onto a prepared surface where they adhere and form a continuous coating. To create the molten particles, a heat source, a spray material and an atomisation/projection method are required. Upon contact, the particles flatten onto the surface, freeze and mechanically bond, firstly onto the roughened substrate and then onto each other as the coating thickness is increased.

As the heat energy in the molten particles is small relative to the size of the sprayed component, the process imparts very little heat to the substrate. As the temperature increase of the coated parts is minimal, heat distortion is not normally experienced. This is a major advantage over hot-dipped galvanising.

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ISO 9001 & Documentation Standards



JOTUN

SIGMA COATINGS

SHERWIN-WILLIAMS. Protective & Marine Coatings

International.

carboline Coatings - Linings - Fireproofing

sales@surface-engineers.com

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Surface Preparation / Blasting / Testing.

The most important part of any long term high integrity coating system. Selection and use of the correct abrasive material is essential. Available Abrasives:

√ Chilled Iron, Aluminium, Oxide, Garnet , Bristle Blaster , Glass Bead



Elcometer 123 Surface Profile

The degree of the surface profile on the surface affects a coating's overall performance and determines aspects such as adhesion, coverage and overall volume of coatings used. Ensuring the correct surface preparation optimises the performance of the coating and material usage.

Elcometer 138 Bresle Kit.

This cartridge type sensor digitally displays conductivity (ÂµS/cm and mS/cm) and salinity (%).

Elcometer 142 Dust Test Kit

Dust on blast cleaned surfaces can reduce coating adhesion, leading to premature coating failure and substandard coating finish.

Elcometer 128 Pictorial Standards

Pictorial Surface Standards are high quality photographs which are used for comparison purposes to assess the visual appearance of a steel surface