



Industrial Coatings

www.powertherm.co.uk

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Protective coatings greatly prolong and protect both industrial assets and facilities, extending life cycles and reducing future maintenance requirements. This drives down the lifetime costs of assets and their operation.

Powertherm have vast experience with industrial coatings and specialist linings, and offer a comprehensive range of services that protect against erosion, abrasion, impact and corrosion. From surface preparation to decoration and protective coatings to specialist linings, we have the knowledge and expertise required to apply any coating, to any surface, in any situation.



Coatings Inspections

Our in-house NACE-certified painting and coatings inspectors give you peace of mind that your coatings continue to meet the highest standards of safety even late into their life cycle. All Powertherm's operatives are qualified under the Industrial Coatings Applicator Scheme (ICATS) and approved where applicable by the Institute of Corrosion (ICorr).

Fire Protection

Passive fire protection (PFP) coatings are a vitally important application across the oil, gas, power and processing industries. Powertherm's expert applicators have an industry-leading understanding of this critical safety discipline. PFP coatings expand to form an insulating layer when subjected to an extended period of high temperatures, creating a barrier that limits heat transfer.

We offer a wide range of PFP including intumescent coatings and cementitious products. Our team is highly-qualified to install the latest technical PFP solutions to steelwork, skirts, process and storage assets and more.

Protective Coatings & Specialist Linings:

- > Epoxy & polyurethane linings
- > Marine protective coatings
- > Mascoat insulation coatings
- > Nuclear approved coatings
- > Passive fire protection and intumescent paints - on-site & off-site services
- > Piping & ducting linings & wraps
- > Tank & vessel linings: fibreglass, epoxy, glass flake, GRP systems & polyester
- > Thermally sprayed aluminium (TSA) & zinc

Concrete Protection:

- > Acid resistant linings
- > Cut out, repair, and protection of concrete lining
- > Flexible membranes - polyuria
- > Novolac glass filled vinyl ester
- > Solvent free reinforced epoxy coatings

Industrial Painting:

- > Equipment, assets, & structures
- > Exterior & interior cladding coatings
- > Hygienic coatings
- > Road markings
- > Signage: including buildings & tanks
- > Structural steel coatings
- > Solvent-free hot and cold applied coatings

Decoration:

- > Offices, operational buildings, warehouses, & residential
- > Decorative and specialist coatings for wall, ceiling, & woodwork coverings

Floor Coatings:

- > All screeds: including polymer & resin
- > Blast tracking and diamond grinding
- > Epoxy coatings: including high build & self-levelling
- > Non-slip coatings

Support Services:

- > Access solutions: rope access, mobile elevating working platforms (MEWPs), electric cradle operators
- > Encapsulation & environmental protection
- > In-house coatings facilities
- > On-site blast cleaning facilities
- > Technical support: coatings surveys, inspections and analysis, coatings specification development, assessment of hazardous or toxic substances
- > Traffic management

Surface Preparation

Surface preparation lays the groundwork for the correct and most effective application of coatings. Our surface preparation expertise not only cleans the surface of any contamination, but also introduces a suitable profile to receive the coating itself.

Powertherm have developed a comprehensive range of services based upon this discipline, and are ready to employ innovative coating techniques including:

- > All abrasive blast cleaning techniques
- > Chemical solvent cleaning
- > Heat induction removal (RPR)
- > High-pressure (HP) and ultra-high-pressure (UHP) water jetting
- > High-pressure steam cleaning (DOFF)
- > Mechanical & hand preparation
- > Steelwork preparation
- > System swirling vortex cleaning (TORC)
- > Wet/slurry abrasive blasting



Coatings Facility

Operating out of the North West region of the UK, our dedicated coatings facility hosts a state of the art blasting booth, coatings bays, and ample storage capacity spread across 1,300m².

We provide off-site surface preparation and all types of coatings, whether that be by brush, roller, or spray gun application, including:

- > Ducting sections
- > Industrial equipment: including incinerators, vessels, & tanks etc
- > Pipe spools
- > Structural steels

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