

DATA CENTRE FACILITY COATING SOLUTIONS

FULL SCALE PROJECT PARTNERSHIP





DATA CENTRES ARE IN HIGH DEMAND TO KEEP THE WORLD RUNNING

Data centres are the backbone of our digital world housing powerful computer servers that keep critical applications and data running 24 hours a day.

As we exponentially rely on digital infrastructure - with many businesses based in cloud computing and artificial intelligence processing - data centre construction is also rapidly on the rise, and properly constructed facilities are imperative to protect our digital infrastructure more so now than ever.

Because of the quick infrastructure need, new construction models are being adopted to build these facilities, leading to the need for coating systems that provide faster throughput without compromising the quality and protection of substrates. That's where we come in with fire protection and resin flooring systems - and true partnership through the lifespan of the facility.

MISSION CRITICAL FACILITIES REQUIRE NEXT LEVEL SUPPORT

Heat and cooling are big concerns in my facility.

Technology is moving so fast - it's hard to keep up with the next big change.

I worry about the risk of doing maintenance work taking us offline - even temporarily.

How can I find low-cost solutions that contribute to our building's efficiency?

How can we meet industry sustainability regulations?

The rising costs of materials make construction and maintenance activities more expensive.

With so many challenges facing data centre industry, your facility shouldn't be one among that list. You don't have to take on the balancing act alone - Sherwin-Williams offers full scale project partnership. With thousands of cumulative years of expertise among coatings professionals who know your business inside and out, we support the entire value chain of your data centre construction project - from the idea, to the specification, to the execution - to ensure the structure is built with the longest lifespan achievable.

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IT STARTS WITH CAPITAL EXPENSE AND EXPANSION PROJECTS

Design and specification assistance for safer, faster and simpler projects

The beginning stages of a project are daunting. So much careful consideration takes place between the baseline sketch and putting a cohesive construction plan on paper. When it comes to the protective coatings piece, our Design, Engineering and Pre-Construction Services team of Project Development Managers (PDMs) is an essential, proactive tool during the planning stage of your project.

WITH HUNDREDS OF YEARS OF COMBINED EXPERIENCE IN THE PROTECTIVE COATINGS INDUSTRY, OUR TEAM:



Works extensively with engineers and architects at the inception of the data centre construction project to ensure the correct types of coating systems are specified to ensure a long lifespan



Provides material selection assistance, specification development, supply chain coordination and access to the most extensive product line in the coating industry



Educates the architect/design community on all things coatings - such as products, application techniques and regulatory requirements

COATINGS SPECIFIED IN DATA CENTRE NEW CONSTRUCTION



CORROSION PROTECTION

Throughput optimisation is key with fabricators to help get data centres construction projects erected quickly. Our product portfolio is versatile by design, with coatings meeting your specific surface preparation, application, production and service requirements. Whether you need a workhorse shop primer, alkyd, epoxy or polyurethane coating our wide range of corrosion protection systems has you covered.



INTUMESCENT FIRE PROTECTION

The FIRETEX® passive fire protection range includes water-based, solvent based, MMA and epoxy systems to provide long term service and critical fire protection for up to two hours. Shop-applied systems can be installed to accelerate demanding construction schedules and meet aesthetic design requirements.



RESIN FLOORING

High performance flooring systems provide a high-tech, clean and dust-free environment with minimal maintenance and long term durability. Data centre flooring needs to be resistant to heavy server racks whilst also providing moisture protection and electro-static dissipative (ESD) properties to prevent the risk of static build up that could damage sensitive electronics. DPM primers and fast cure screeds can be installed to fast-track your project without delay.



WATER STORAGE COATINGS & LININGS

Water tanks, pipes, filters, valves and containers are necessary to run cooling systems within data centres - but they are also susceptible to corrosion and other stresses that weaken and deteriorate them. Sherwin-Williams linings and coatings create a durable, thick film that prevents corrosion and leaks, ensuring the water system components remain intact.

FACILITIES WE SERVE



- Single Organisation/Enterprise Data Centres
- Multi-Tenant/Colocation Data Centre
- Hyperscale Data Centre
- Edge/Micro Data Centre
- Container/Modular Data Centres
- Enterprise Data Centre
- High-Performance Computing Data Centres
- Carrier Neutral Data Centres

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DURING CONSTRUCTION - PRODUCT DELIVERY AND ONSITE TECHNICAL SERVICE

Product Distribution and Delivery

PRODUCT AVAILABILITY:

All our products are manufactured in Bolton, UK or Vaihingen, Germany and distributed throughout our EMEA distribution network.

ONSITE TECHNICAL SERVICE:

Our Technical Service Teams will be on hand to support you every step of the way during the preparation and application process.

Our experienced teams have worked on many projects throughout the UK, Europe and Middle East ensuring that the application process runs smoothly and any questions are answered promptly. This helps your project to run smoothly without delay and achieve a great final finish.



AFTER INITIAL CONSTRUCTION - WHEN REFURBISHMENTS AND EXTENSIONS ARE NEEDED

Bespoke specifications and support for your existing facility

Once your data centre is up and running, you may require modifications to meet evolving needs and improve efficiency. Sherwin-Williams Coating Specialists provide a range of complementary services to help you update your facility.

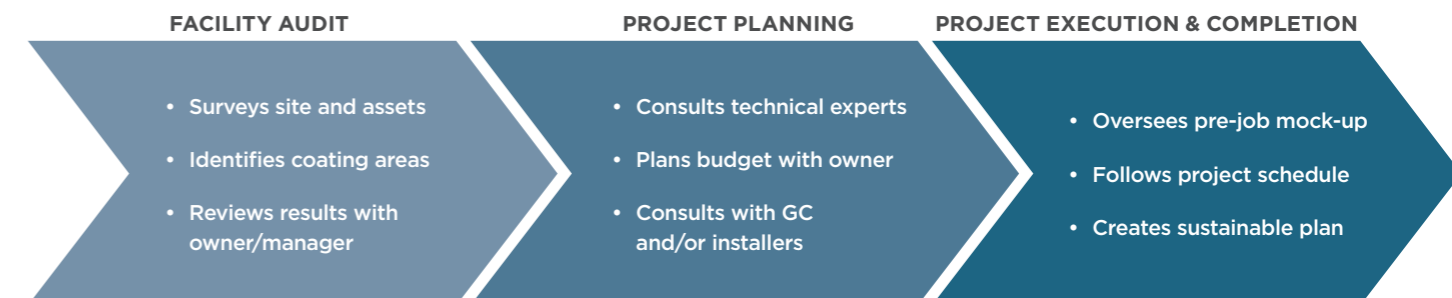
These services include site surveys that identify immediate solutions for newly-identified needs, or possible areas of concern. Our Coating Specialists take the time to understand your safety, risk, sustainability, compliance and utility management issues to help identify areas where improvements may be needed and solutions can be implemented.

When designing your bespoke specification, your maintenance Coating Specialist is supported by Sherwin-Williams experts in cutting-edge coatings science, substrate materials, application techniques and facility safety. Depending on your centre's specific needs, specialists from a range of disciplines may be consulted to ensure that your specification offers an optimal, cohesive approach to maintenance that can help streamline your approach, support your operational and safety objectives - as well as your bottom line.

AREAS TO ADDRESS DURING MODIFICATIONS:

Floors	Ceilings and walls	Line markings	Structural steel	Secondary steel	Joint repairs	Tank linings and coatings
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THE PROCESS



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THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems - including protective liquid and powder, fire protection and resinous flooring - excel at combating corrosion and help customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Bridge & Highway, Energy, High Value Infrastructure, Manufacturing & Processing, Marine, Rail, Power and Water & Wastewater.

SHERWIN-WILLIAMS®

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FIND YOUR
LOCAL CONTACT

