



DATA CENTER FACILITY COATING SOLUTIONS

FULL SCALE PROJECT PARTNERSHIP



FROM SPEC TO PROTECT

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10-16-24_acc [Accessibility Statement](#)



DATA CENTERS ARE IN HIGH DEMAND TO KEEP THE WORLD RUNNING

As the backbone of digital processing housing computers that keeping critical applications and data running throughout the world, data centers are globally critical facilities.

As we exponentially rely on digital infrastructure – with many businesses based in cloud computing and artificial intelligence processing – data center construction is also rapidly on the rise, and properly constructed facilities are imperative to protecting 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 steel and concrete protection – 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 center 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 center 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 center 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 CENTER NEW CONSTRUCTION



STEEL SPEC PRIMERS

Throughout optimization is key with fabricators to help get data centers construction projects erected quickly. Our Steel Spec™ product portfolio is versatile by design, with coatings meeting your specific surface preparation, application, production and service requirements. Whether you need a workhorse shop coat primer, universal primer/finish or something in between, the Steel Spec alkyd primer line provides.



INTUMESCENT FIRE PROTECTION

The FIRETEX® passive fire protection series is a comprehensive line of intumescent coatings designed to provide long-term service and critical fire protection to structural steel for up to four hours while meeting demanding construction speed and design aesthetic requirements.



WATER STORAGE COATINGS & LININGS

Water tanks, pipes, filters, valves and containers are necessary to run cooling systems within data centers – 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.



HIGH PERFORMANCE FLOORING

High performance flooring systems create a modern-clean appearance with long-term durability and minimal maintenance that can be applied to virtually any concrete slab condition. Data center flooring requires full scale protection from a range of solutions to meet the daily challenges of data demand. **Moisture mitigation** primers help with minimize permeation through concrete slabs which can help with humidity levels, while **electrostatic dissipative (ESD)** systems help balance out from a buildup of static electricity from the lower humidity. Flexible waterproofing systems provide excellent protection that may be required in mezzanines and mechanical rooms where sensitive equipment is house below.

FACILITIES WE SERVE



- Single Organization/Enterprise Data Centers
- Multi-Tenant/Colocation Data Center
- Hyperscale Data Center
- Edge/Micro Data Center
- Container/Modular Data Centers

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DURING CONSTRUCTION - PRODUCT DELIVERY AND ONSITE TECHNICAL SERVICE

Product Distribution
and Delivery

PRODUCT AVAILABILITY:

From coatings to equipment and supplies, get exactly what you need in one location.

JUST-IN-TIME DELIVERY:

We understand the importance of timing and quick action – downtime is money lost. Count on us for fast delivery to keep momentum going.

CONVENIENT LOCATIONS:

With over 300 dedicated commercial/industrial stores, and 4700+ total distribution points, we'll be where you need us.

ONSITE TECHNICAL SERVICE:

Contractors and applicators face a number of unique challenges in the coatings industry today, from finding qualified workers and executing successful projects to costly production chain holdups and rigorous inspections.

Working with an experienced, field-tested technical service team can help alleviate many of these issues. Including a trusted technical resource in your coatings process will help complete your project quickly and accurately, and with minimal touch-up work.



AFTER INITIAL CONSTRUCTION - WHEN RETROFITS ARE NEEDED

Custom coating plans for your facility renovations

Once your data center is up and running, you may require retrofits to meet evolving needs and improve usability. 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 customized plan, 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 center's specific needs, specialists from a range of disciplines may be consulted to ensure that your plan offers an optimal, cohesive approach to maintenance that can help streamline your approach, support your operational and safety objectives - and your bottom line.

AREAS TO ADDRESS IN RETROFIT:

Floors Ceilings and walls Roofs Structural steel Pavement markings

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 that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Energy, Water & Wastewater, Bridge & Highway, Steel Fabrication, Flooring, Manufacturing & Processing, Fire Protection, Marine, Rail and Power.



Unparalleled
distribution network



Global
industry expertise



Most extensive sales
organization coverage



Unmatched technical
and specification service

United States & Canada

sherwin-williams.com/protective
swprotective@sherwin.com

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PM-1804259-BR 10/24