

PHARMACEUTICAL FACILITIES

PROTECTIVE SYSTEMS AND SOLUTIONS



FROM SPEC TO PROTECT

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sherwin-williams.com/protective



SEAMLESS COVERAGE FROM FLOORS TO ROOFS

Preventing contamination of active pharmaceutical ingredients (APIs), bulk biological substances and medical devices is critical in biopharmaceutical and life sciences production. Contamination can lead to costly product recalls, regulatory non-compliance, and potential patient harm.

Sherwin-Williams offers a wide range of high performance floor, wall, tank, pipe and roof solutions designed to foster an environment where the harborage of bacteria and other contaminants is nearly impossible. These solutions keep your facility FDA-compliant and ensure the integrity of your products.





OUR TECHNOLOGIES DELIVER LONG-TERM PERFORMANCE, ADDRESSING COMMON PAIN POINTS



Chemical Resistance

Protecting surfaces from harsh cleaning agents and chemical spills



Ease of Cleanability

Facilitating thorough cleaning to meet stringent hygiene standards



Thermal Shock Resistance

Ensuring durability under extreme temperature fluctuations



Sustainability

Ensuring longevity and LEED compliance for your facility

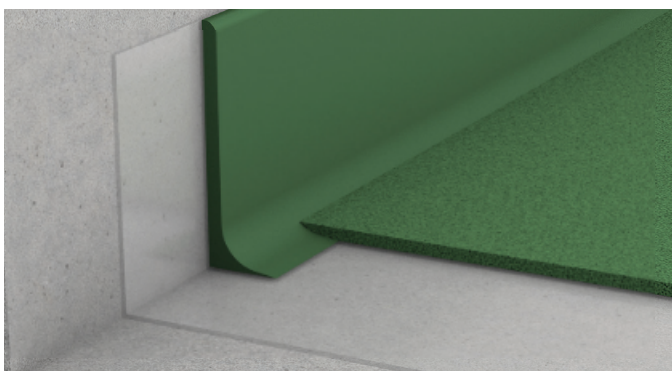


Abrasion Resistance

Maintaining surface integrity despite heavy foot traffic and equipment movement



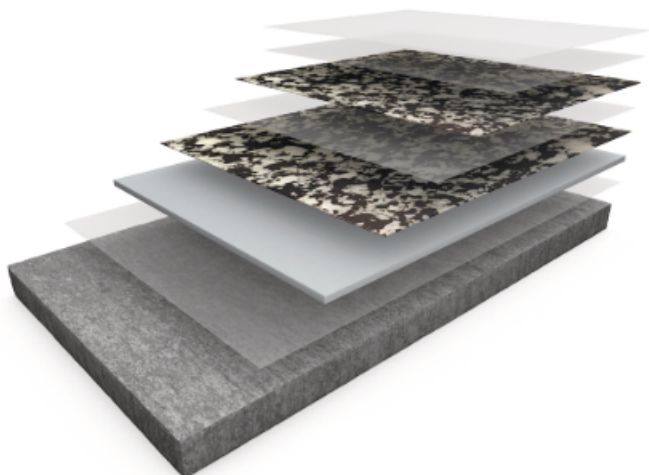
FLOORING AND WALL SYSTEMS



COVE BASE

Poly-Crete™ and Epoxy Cove Base Systems

Cove base is an integral component of pharmaceutical floor and wall systems, due to its seamless and hygienic properties. Both urethane concrete and epoxy cove base enable a smooth transition from floor to wall, complete with a cleanable, permanent finish that will not harbor dirt or bacterial growth. Our epoxy option cures to a much harder finish than concrete with better resistance to hot water and impact.



DECORATIVE SYSTEMS WITH SPECIALIZED TOPCOAT

Hybri-Flex™ and Resuflor™ Flake and Quartz Systems

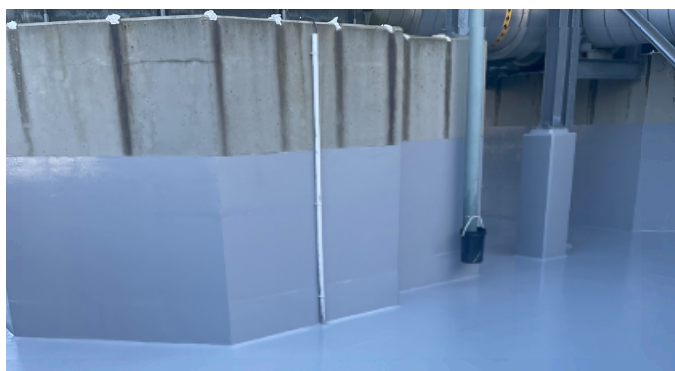
These systems offer a distinctive appearance with adjustable texture and color blends for an aesthetically pleasing and highly durable solution. These LEED® v 4.1-compliant systems have excellent chemical and abrasion resistance.

These systems work quickest when our specialized Accelera One clear grout and topcoat solution is utilized. This ultra-high solids solution cures quickly, enabling two coat applications on the same day while providing extended working time for convenient installation.



SECONDARY CONTAINMENT

Utilizing secondary containment systems as an extra layer of protection is crucial in maintaining a safe and controlled production environment. We have many options available – speak to your Sherwin-Williams representative to determine the best solution.



WALLS

Resuwall™ Aqua Systems

Our durable, low-maintenance wall systems are designed to meet stringent pharmaceutical hygiene and safety standards. These wall coatings are easy to clean and chemically resistant, ensuring a sterile environment that minimizes contamination risks. Additionally, they provide an attractive finish that enhances the overall aesthetics of pharmaceutical facilities.



QUICK PATCHING AND REPAIR

We offer several patching and repair solutions for cracks, joints and other areas. Consult with your Sherwin-Williams representative to determine the best solution.



FIRE PROTECTION

FIRETEX® Intumescent Coatings

Passive fire protection (PFP) is a crucial part of any commercial structure. Our FIRETEX® intumescent fireproofing is the preferred PFP solution in pharmaceutical environments because it provides a smooth, aesthetically pleasing finish, unlike the rougher appearance of traditional cementitious fireproofing. Additionally, intumescent coatings are less prone to cracking and flaking – cementitious fireproofing tends to crack and flake, making it less suitable for environments with the strict hygiene and appearance standards needed for sensitive production areas.

PRE-TREATMENT WATER SOLUTIONS

Chemical-Resistant Linings

Pre-treatment water processing in pharmaceutical facilities is a crucial function that removes impurities and contaminants, ensuring the water meets the high purity standards required for pharmaceutical production. The clarifiers and other equipment used to process this water must be heavily protected with extremely chemically resistant linings to preserve the integrity of the assets and the water running through them.





PIPES AND TANKS

Heat-Flex® High Temperature and Insulative Coatings

Insulating Capabilities

- Thermal insulation for hot or cold process energy conservation.
- Provides insulation of substrates operating at a wide range of temperatures in and around coolers/freezers to help prevent condensation buildup.
- Reduces thermal losses on assets that need to stay warm.

Personal Protection

- Reduces injury risk and increases site safety.
- Personnel protection against high heat, burns and injuries.
- Compliance with OSHA for thermal insulation installed on metallic equipment.

SUSTAINABLE ROOFING SOLUTIONS

UNIFLEX® fluid-applied roofing solutions mitigate costly roof replacement disruptions and save on cost and materials by applying a coating system over an existing roof.

Benefits include:

- **Non-Disruptive and Lightweight:** UNIFLEX allows installation without building closure; offers a non-toxic, lightweight solution; and optimizes maintenance budgets.
- **Extended Roof Life and Weatherability:** UNIFLEX systems extend the service life of existing roofs and protect against weathering and degradation.
- **Environmentally Responsible and Temperature Reducing:** UNIFLEX systems are safer to install and use reflective coatings to significantly lower roof temperatures and prevent degradation.
- **Energy and Overall Cost Savings:** UNIFLEX systems significantly reduce energy consumption and cooling costs by reflecting heat away from the building. Additionally, these systems are easier and cheaper to install and maintain.



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THE SHERWIN-WILLIAMS DIFFERENCE

The industry experts at Sherwin-Williams Protective & Marine are renowned authorities in their respective fields of knowledge – including Bridge & Highway, Fire Protection, Flooring, Food & Beverage, Freight Rail, Marine, Oil & Gas, Pharmaceutical, Power Generation, Steel Fabrication and Water & Wastewater. Our global technology expertise in areas including tank linings, passive fire protection, corrosion under insulation (CUI) testing and fusion-bonded epoxy drives game-changing innovation and influences global industry standards.



Unparalleled
distribution network



Global
industry expertise



Unmatched technical
and specification service



One-stop shop for
equipment and supplies