



INNOVATION IN EVERY COAT.™

ARCHITECTURAL COATINGS

HIGH-PERFORMANCE PROTECTION FOR
STEEL, CONCRETE, AND MASONRY



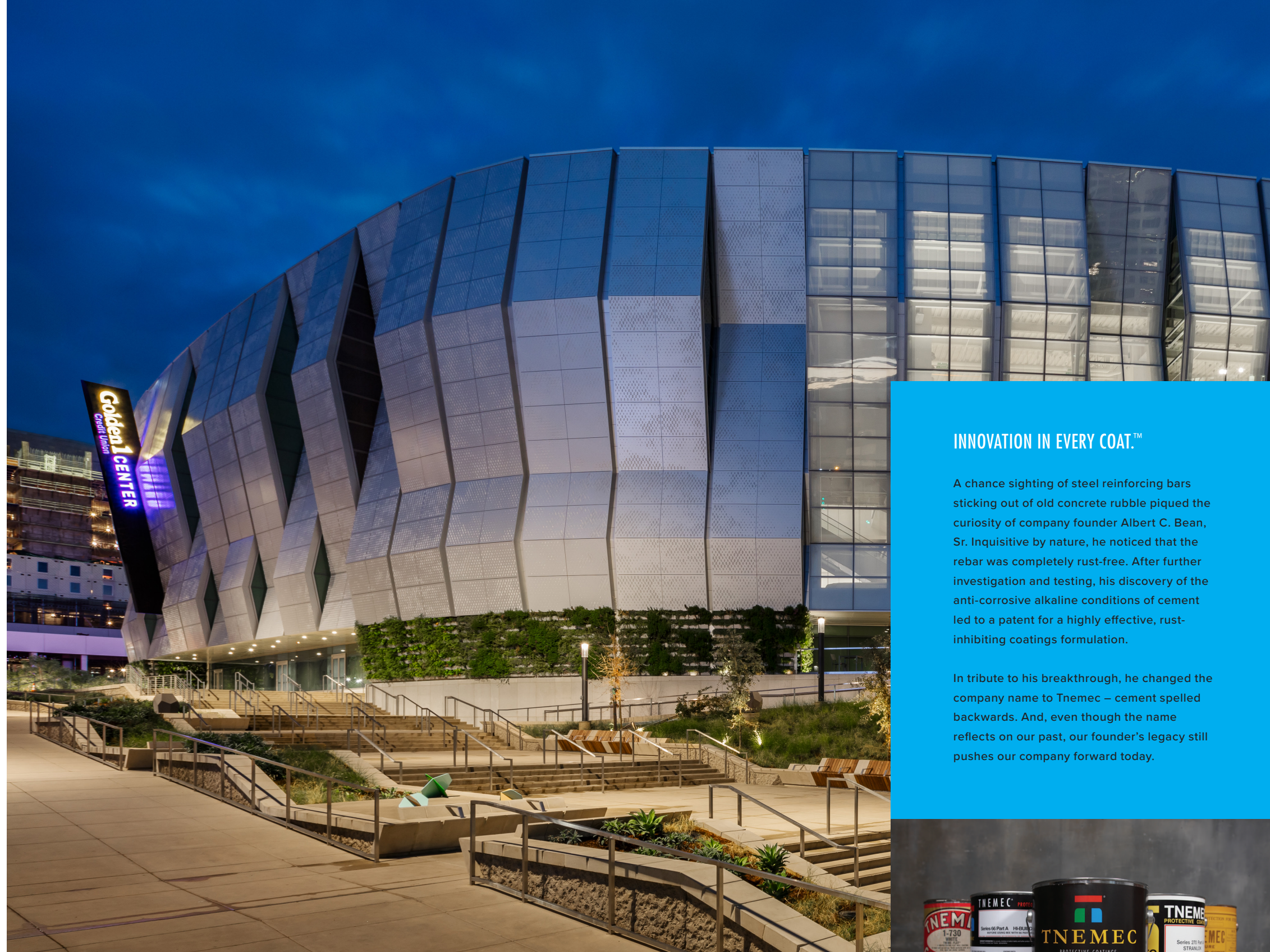
TNEMEC ARCHITECTURAL COATINGS

ENGINEERED FOR ENDURANCE. BUILT FOR BEAUTY.

Since 1921, Tnemec has been at the forefront of innovation and a leader in high-performance coatings, offering advanced solutions for steel, concrete, and masonry surfaces that stand the test of time. Whether you're protecting industrial infrastructure, architectural features, or commercial buildings, Tnemec's coatings are engineered to deliver exceptional durability and long-lasting performance.

Designed to withstand the most demanding environments, our products provide superior corrosion resistance, chemical protection, and weatherability, ensuring your structures remain safeguarded against the elements for years to come. With decades of expertise and a comprehensive range of coatings tailored to steel, concrete, and masonry, Tnemec is your trusted partner in achieving the highest protection and performance standards. Tnemec coatings aren't just for new construction — they're ideal for restoring and protecting existing buildings, too. From cracked or faded concrete, masonry, and stucco to weathered brick and stone, our coatings revive aging surfaces, improve appearance, and defend against moisture and wear. With durable finishes, easy maintenance, and a wide range of colors, Tnemec brings lasting protection and renewed vibrancy to any building — inside and out.

By choosing Tnemec, you work with a single-source manufacturer and supplier who understands your project's needs and consistently delivers top-tier results.



INNOVATION IN EVERY COAT.™

A chance sighting of steel reinforcing bars sticking out of old concrete rubble piqued the curiosity of company founder Albert C. Bean, Sr. Inquisitive by nature, he noticed that the rebar was completely rust-free. After further investigation and testing, his discovery of the anti-corrosive alkaline conditions of cement led to a patent for a highly effective, rust-inhibiting coatings formulation.

In tribute to his breakthrough, he changed the company name to Tnemec – cement spelled backwards. And, even though the name reflects on our past, our founder's legacy still pushes our company forward today.

ABOVE Golden 1 Center in Sacramento, California utilized a variety of Tnemec high-performance coatings on both interior and exterior surfaces, which helped the arena achieve the Leadership in Energy and Environmental Design (LEED) Platinum certification. [Learn More](#)





PRIMERS

THE FOUNDATION OF LONG-TERM PERFORMANCE

Primers are the first line of defense in any high-performance coating system. At Tnemec, our primers do more than adhere to a surface — they form the essential bond between substrate and subsequent coating layers, sealing porous surfaces and providing protection against moisture, corrosion, and degradation.

Alkyd, acrylic, epoxy, and polyurethane primers each have unique properties for protecting substrates in the field during fabrication, erection, and post-construction.

Besides a durable dry film that acts as a physical barrier, many primers feature special additives that disrupt and counteract corrosive catalysts, enhancing the performance of all subsequent coatings and significantly extending the service life of the structure. Proper primer selection sets the stage for adhesion, corrosion resistance, and finish quality.

- | **Corrosion resistance for steel**
- | **Moisture mitigation for concrete and masonry**
- | **Penetrating sealers for porous substrates**
- | **Compatibility with high-performance topcoats**

FEATURED PRODUCTS

Tneme-Zinc® A zinc-rich urethane primer delivering galvanic protection against corrosion. Designed for shop or field application, it offers superior adhesion, quick cure capability, and is frequently specified for exposed steel on bridges, towers, and landmark architecture.

Penetrating Epoxy Primers Designed to bond tightly with porous substrates such as concrete block, stucco, and plaster. These primers seal hairline cracks, prevent moisture ingress, and offer an ideal base for high-build topcoats.

AK01 Shop Primer A high-solids, fast drying primer that provides extended weathering for shop and field priming of structural and miscellaneous steel.

AK02 Universal Primer A fast-drying corrosion-resistant primer that accepts a variety of high-performance topcoats. Ideally suited for steel fabricators, OEM's, and field applications.



INTERMEDIATE COATINGS

THE STRUCTURAL CORE OF A COATINGS SYSTEM

Intermediate coats are critical in architectural coating systems for steel and concrete substrates. Building upon the foundation set by the primer, this layer delivers enhanced protection and physical durability.

Serving as a functional bridge within the coating system, the intermediate coat fortifies the barrier against environmental stressors while providing a stable platform for the finish coat.

- | **High-build film for superior barrier protection**
- | **Excellent adhesion between primer and topcoat**
- | **Tailored performance based on exposure**



FEATURED PRODUCTS

Epoxoline® High-solids, high-build epoxies for long-term corrosion resistance. Ideal for architectural applications on both interior and exterior steel or concrete substrates.

Uni-Bond® DF Versatile, high-performance rust-inhibitive coating appropriate for a variety of uses including exterior steel or overhead decks.

Enviro-Pox® Advanced generation waterborne epoxy floor and wall coating with enhanced UV stability and resistance to yellowing.

LEFT A Tnemec coatings system protects structural steel at Missouri State University's Foster Recreation Center in Springfield, Missouri, which earned LEED Silver Certification. [Learn More](#)



A coatings system featuring Fluoronar protects landscape architecture at Levy Park in Houston, Texas. [Learn More](#)

FEATURED PRODUCTS

Fluoronar® Fluoropolymer coatings with unparalleled gloss retention and color stability. Ideal for architectural metal exposed to harsh environments.

Oculox® | Water-Based Silicon-grafted composite coating that is isocyanate free and offers long-term color and gloss retention.

Endura-Shield® Modified polyurethanes for steel that are ideal for outdoor structures requiring color stability and abrasion resistance.

Enduratone® | Water-Based Acrylic coating offering long-wearing protection.

Enviro-Crete® | Water-Based Elastomeric, breathable finish for concrete and masonry, especially for restoration used in schools, stadiums, and public spaces.

TOPCOATS

WHERE PERFORMANCE MEETS AESTHETICS

As the visible face of any architectural coating system, the topcoat is where aesthetics and performance converge. Designed to preserve color, sheen, and surface integrity over time, Tnemec's advanced topcoat technologies — ranging from polyurethanes and fluoropolymers to silicone-enhanced resins — deliver exceptional resistance to UV exposure, weathering, abrasion, and chemicals. Whether applied to steel structures or concrete surfaces, these finishes defend against environmental degradation while showcasing vibrant, lasting color.

Available in a variety of formulations to meet performance and regulatory demands, Tnemec topcoats offer ease of application and durability that stands up to the most demanding environments. From vertical facades to structural steel, this final layer brings strength, sustainability, and standout appearance to every project.

- | **UV resistance and color retention**
- | **Durable gloss and finish options**
- | **Chemical and weather resistance**

Enviro-Crete was chosen for a beautiful mural that rejuvenated concrete grain silos in Saginaw, Michigan.





INSULATIVE COATINGS

FLUID-APPLIED THERMAL PROTECTION

Where traditional insulation falls short, Tnemec's **Aerolon®** technology delivers. This fluid-applied insulating coating creates an effective thermal break on steel and other substrates, helping to retain energy, reduce condensation, and minimize the risk of corrosion, especially in areas prone to thermal bridging. Designed for architectural applications where efficient and long-term thermal performance matters, Aerolon provides a seamless solution. From exposed structural steel to transition points in curtainwall systems, Aerolon brings reliable, lasting protection to the most critical assets.

| **Thermal Breaks** Aerolon provides a fluid-applied thermal break that reduces heat transfer through steel and other conductive materials. Ideal for structural connections and transition points, it helps minimize thermal bridging while maintaining design flexibility.

ABOVE Aerolon was used to combat the threats of thermal bridging on the Krause Gateway Center in Des Moines, Iowa.

[Learn More](#)

| **Labor Cost Savings** A spray-on application versus installed pads or shims can lead to thousands, or even hundreds of thousands of dollars on a multi-story project.

| **High Thermal Efficiency** More than just paint, Aerolon is a specially formulated coating designed to deliver high thermal efficiency, and its high-build nature allows for up to 50 mils (1270 microns) per coat.

| **Anti-Condensation Properties** No longer any need to modify designs or create complex workarounds to avoid condensation issues.

| **Fire Retardant** Aerolon was tested to and achieved a Class A result per ASTM E 84, unlike various forms of polyurethane foam.

| **Complete Coating System** Aerolon is also part of a complete coating system that includes a special corrosion-resistant primer that bonds to the substrate.



RESEARCH & DEVELOPMENT

WHERE COLLABORATION DRIVES PERFORMANCE

Tnemec is heavily invested in the research and development of innovative coatings designed to solve specific industry challenges – and has been for over 100 years. We strive for unparalleled excellence, which is only achieved through working together with trusted experts and partners.

We manufacture more than 250 different coatings and linings for a variety of substrates, conditions and environments; each one as vital as the next. Reliable, long-term protection is based on performance; and at Tnemec, performance matters.

Collaboration with owners, applicators, engineers, raw material suppliers, and scientists, drive performance. All are required to develop, improve, and innovate our industry-leading coating solutions now and into the future.

[Learn More](#)



SUSTAINABLE BUILDING

Tnemec offers high-performance coating systems built to protect your sustainable structures. These coatings can match the performance of high-solvent products but comply with local air district VOC requirements and several environmental programs.

We engineer a diverse portfolio of coatings with VOC content below 100 g/L, compliant with CDPH emissions standards. For specification assistance, contact your local Tnemec representative or visit tnemec.com/green

Get the protection you need while remaining environmentally conscious.

From our Suppliers

“Tnemec is truly invested in its quality brand. When we present Tnemec with new materials for improved performance, their team completes extensive, long-term scientific study on the materials to ensure the performance is real and reproducible. From the lab to the field, Tnemec checks consistency and performance at every step to make certain their customers receive a high-quality product.”

John Duggan, PhD

Vice President and General Manager
Crosslinkers Americas, Evonik Corporation





EXPERT ASSISTANCE

PROJECT SUPPORT FROM START TO FINISH

Customers can expect a high level of support and expert assistance from our 100+ independent representatives located across North America and beyond.

Our representatives have wide-ranging industry experience and have received recognition and/or certification from notable coatings and construction-related organizations.

Tnemec representatives also go through extensive internal training. This gives them the necessary technical knowledge to complement their years of practical, field-based learning regarding the effects and threats posed by diverse geographic conditions.

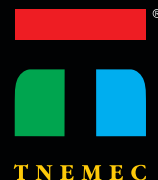
From project vision to completion, these protective coatings professionals are prepared to assist you with product specifications and recommendations, coatings selection, cost analyses and project troubleshooting, along with any additional support required.

From our Customers “My Tnemec representative is extremely knowledgeable. He is a great resource for product advice in special situations that involve any issues that are out of the ordinary. He always recommends the right application for the job.”

Jim Bethel
Owner, Bethel Specifications and Consulting

Contact your local Tnemec representative at tnemec.com.





PROJECT SUPPORT FROM START TO FINISH

With over 100 representatives located across North America and beyond, you can expect a high level of expert assistance wherever you need it. Our local representatives understand the needs of architectural structures and can work with you and your team to ensure that every part of your project is protected.

Contact your local Tnemec representative today at [tnemec.com](https://www.tnemec.com).

FRONT Tnemec coatings were used on the Kendeda Building for Innovative Sustainable Design at the Georgia Institute of Technology in Atlanta, Georgia – assisting with its certification as a Living Building by the International Living Future Institute.

Published technical data, instructions and pricing are subject to change without notice. Contact your Tnemec technical representative for current technical data, instructions and pricing. Warranty information: The service life of Tnemec's coatings will vary. For warranty, limitation of seller's liability and product information, please refer to Tnemec Product Data Sheets at [tnemec.com](https://www.tnemec.com) or contact your Tnemec technical representative. © Tnemec Company, Inc. 2025 BROARC PP1M1125