

LEADING CONCRETE AND MASONRY COATINGS

SOLID SAFEGUARD, IMPRESSIVE APPEARANCE



THE BENEFITS LOOK GOOD ON THE SURFACE, EVEN BETTER UNDERNEATH

As with most quality products, advantages quickly rise to the surface. But in the case of Tnemec's highly specialized concrete and masonry coatings, benefits that begin on the surface go much deeper. Few products can ensure the protection of highly porous substrate materials in the way Tnemec can.

The reason is simple. Tnemec has been safeguarding structures for decades. In fact, the company was founded in 1921 after being inspired by the corrosion-inhibiting properties discovered in cement. Hence, Tnemec is actually "cement" spelled backwards.

Since then, Tnemec has continued to lead the industry in innovative formulations and product development for architectural masonry with a goal of providing the best possible substrate protection, regardless of how severe the challenge or extreme the environmental conditions. First and foremost, Tnemec is a solutions-based provider. That's why architects, engineers, specifiers and owners the world over rely on Tnemec.

below: Missouri State University Recreation Center - Locker Room
Springfield, MO

PERFORMANCE APPROVAL

"Every product I've used from Tnemec has been top quality. I would certainly recommend their coatings to anyone who has concrete to protect because they definitely have the systems to do it."

LARRY STANLEY
Hunt & Walsh

SENSIBLE SOLUTION

"Tnemec coatings make sense because owners are in the project for the long haul. They don't want to have to go back again for re-coating. Maintenance is costly, so doing it right the first time is critical."

— BOB HALE
Partner, Kovalenko Hale Architects

DECO-TREAD COATING

Aesthetically pleasing appearance
Protects against impact, abrasion



LEED® CERTIFIED PROJECT · Newly finished in October 2010, the MEEK Aquatics & Recreation Center is an impressive addition to Ohio Wesleyan University's campus. It is the university's first "green" building, featuring geothermal energy for heating and cooling.

It was important to the university and the project architect to specify products that contributed toward satisfying LEED credit. To protect structural steel from corrosion, Tnemec coatings were chosen due to their low-volatile organic compound (VOC), low-odor and water-based formulations, plus enhanced color and gloss retention.

Tnemec coatings also were chosen for the concrete block walls and ceiling after the originally specified coating manufacturer was unable to verify the VOC levels and moisture/vapor transmission rates critical to the project's requirements.

right: Erie Center Tower
Chicago, IL

COST-SAVING AND ENVIRONMENTAL ADVANTAGES SET THE STANDARD

To properly evaluate the ideal coating, critical consideration should be given to the long-term value of Tnemec versus other options.

Initial savings from less-expensive products are misleading. It's how a coating holds up over extended periods of time that matters.

Measured on a per-year-of-service basis, Tnemec is a better value than many alternatives, especially when

you factor in the substantial labor and materials expense of repeated applications.

In addition, Tnemec has been conscientious in developing formulations, such as low-VOC and hazardous air pollutant (HAP) compliant products, as well as high-performance waterborne technology.

Consequently, Tnemec coatings not only increase longevity and enhance aesthetic appeal, many also contribute toward LEED requirements.

THE RIGHT PROTECTION, RIGHT FROM THE START, MAKES THE DIFFERENCE



The best insurance against future substrate degradation, decay or compromised structural integrity is superior protection employed at the beginning of any new construction project.

For brick, concrete block, plaster, stucco, poured concrete or stone, the permeability rate of Themec masonry coatings allows interior moisture vapor to pass through the coating film. This prevents build-up of pressure that – when coupled with recurring freeze-thaw cycles – can create cracks and

fissures in the substrate, weakening it substantially over time. On the other hand, outside moisture cannot penetrate the water-repellent coating surface so it remains impervious to the threat of external weather conditions.

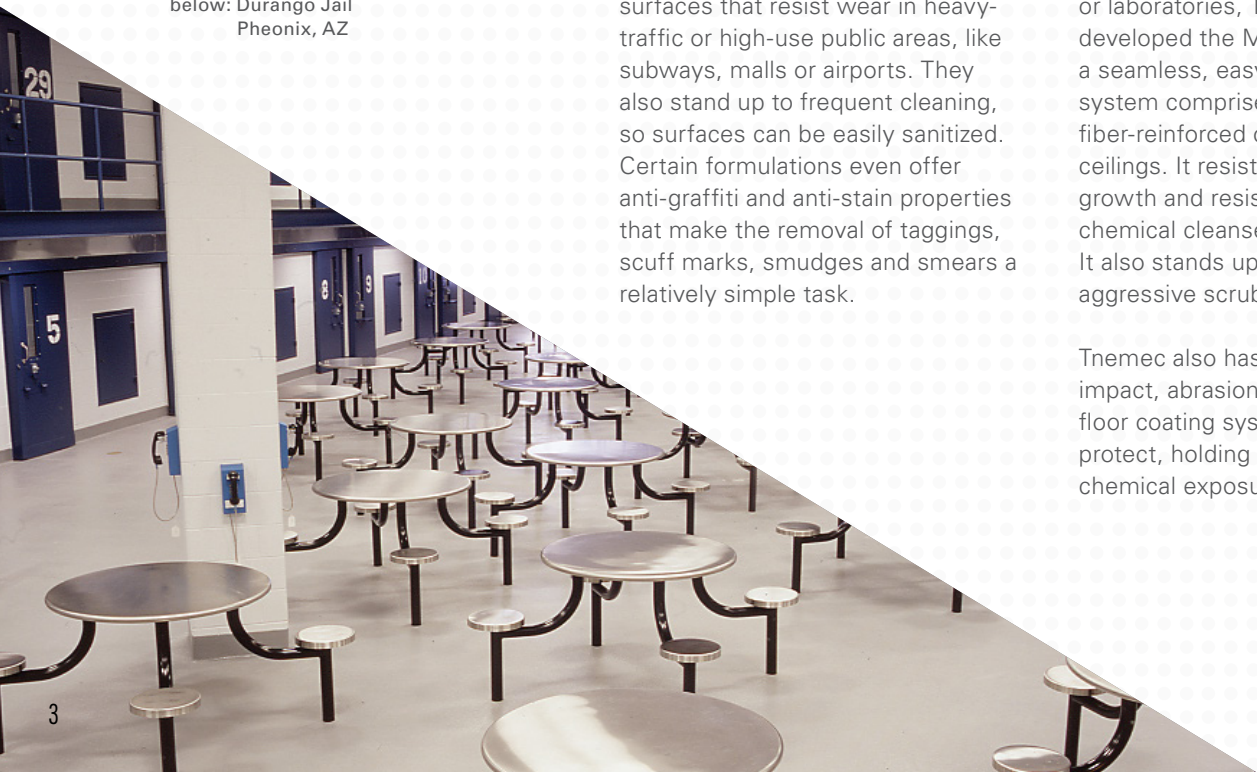
Themec concrete and masonry coatings have a well-documented track record of success in diverse building projects and in any situation that demands unrelenting defense against destructive forces.

above: Children's Hospital
Boston, MA

right: Bank of America Stadium
Charlotte, NC

ENHANCED FORMULATIONS GO WELL BEYOND EXPECTATIONS

below: Durango Jail
Pheonix, AZ



Themec coatings offer many additional advantages. They create durable surfaces that resist wear in heavy-traffic or high-use public areas, like subways, malls or airports. They also stand up to frequent cleaning, so surfaces can be easily sanitized. Certain formulations even offer anti-graffiti and anti-stain properties that make the removal of taggings, scuff marks, smudges and smears a relatively simple task.

For highly sanitary, hygienic environments, such as hospitals or laboratories, Themec has developed the Micro-Clean System, a seamless, easy-to-clean barrier system comprised of a high-build, fiber-reinforced coating for walls and ceilings. It resists mold and mildew growth and resists acids, alkalis, chemical cleansers and ammonia. It also stands up to frequent and aggressive scrubbing.

Themec also has developed high-impact, abrasion-resistant resinous floor coating systems that beautify and protect, holding up to high foot traffic, chemical exposure, scuffing and wear.



PHYLON COATING

- Highlights the natural color
- Grffiti protection
- Durable finish

BEING SPECIFIC

"I specify Themec coatings for virtually every job that requires high-performance or involves unique conditions."

– JIM BETHEL
Owner, Bethel Specifications Consulting

ON-CALL ADVICE

"When I'm in a bind and I know what I need but I don't know what product to specify, I can call my Tnemec coatings consultant and within an hour he'll get back to me with the perfect solution."

– ALAN HOUDE
Principal, Davis Carter Scott

TRUSTED RELATIONSHIP

"I have worked with the same Tnemec coatings consultant for the past 15 years or more. He's very knowledgeable about choices in coatings to prevent corrosion and provide longer, maintenance-free service."

– TOM GILMORE
Director of Technical Resources,
Torti Gallas and Partners, INC.

ENVIRO-CRETE COATING

- Flexible, breathable coating
- Excellent elastomeric protection
- Fills minor hairline cracks



left: The Cabildo
New Orleans, LA

right: Sheraton Towers
Seattle, WA



IDEAL FOR REFURBISHING AND SAFEGUARDING EXISTING BUILDINGS

Tnemec coatings are not just for new construction applications. They are just as useful and effective when applied to existing concrete, masonry, brick, stucco or stone where surfaces have begun to blister, flake, crack or fade.

For exterior substrates exposed to harsh weather conditions, Tnemec coatings can add new appeal, enhancing a building's appearance and extending the life of the substrate by preventing damaging moisture intrusion.

For building interiors, Tnemec advanced concrete and masonry coating products provide a tough, ceramic-like finish to prevent wear, resist impact or abrasion, and make surfaces easier to clean and maintain.

In addition, with a wide variety of standard colors and Tnemec's ability to custom-match specific colors, these coatings bring new vibrancy to aging buildings, leaving properties better protected and more attractive than ever.

Whether for a school renovation, upgrade to a historic landmark or refurbishing of a commercial building, you can trust Tnemec to have the right coating system for the job.



TEST OF TIME - Assembly Hall is one of the most well known athletic venues in collegiate sports – home to the multiple NCAA basketball championship-winning Indiana Hoosiers. This vaunted arena first opened for the 1971-72 season.

By 1999, the exterior had really begun to show its age, and a Tnemec coating consultant was contacted to recommend a rehab coating system that would be most effective while also retaining the arena's highly familiar facade.

Careful surface preparation allowed for the application of Enviro-Crete, a smooth, breathable waterborne acrylate coating to blend into the exterior and protect against driving rain, sleet, freeze and thaw. An additional coat was then roller-applied as a topcoat, which was used to fill and hide weather-induced surface imperfections. As a result, Assembly Hall was restored to its iconic glory.

below: Cathedral of the Blessed Sacrament
Sacramento, CA



EXPERIENCE, RESEARCH AND TESTING LEAD DEVELOPMENT

W.B. TNEME-CRETE COATING

- Decorative, high-build protection
- Formulated to resist mildew growth
- Available in smooth and sand-texture

During Tnemec's meticulous product development process, a great deal of time is invested in diligent research, development and testing to achieve the perfect balance between resins, additives and chemical coating ingredients for very specific applications and conditions.

Tnemec coating specialists have created innovative formulations that are unequalled in performance and provide aesthetically beautiful results that bring out the character and architectural details featured in many buildings.

Also, to preserve the natural look of brick and stone and maintain the texture, Tnemec offers water- and weather-repellent pigmented stains and clear coats.

Tnemec's scientific development process helps ensure a level of performance few coatings can match. It's an impressive record that has been proven in the field application after application.

THE SINGLE SOURCE FOR EVERY FACET OF PROTECTION

Because Tnemec is solely concentrated on developing the finest coatings available, this single source can offer you one of the widest product selections in the industry.

Beyond stand-alone products designed for very specific uses, most Tnemec products comprise a complete, integrated system of protection from primers, intermediate coats and topcoats to fillers, resurfacers and mortars.

These advanced product formulations work together to prevent moisture infiltration and mildew damage, block harmful ultraviolet (UV) rays and keep colors from chalking or fading. They also provide superior adhesion that will resist blistering and peeling.

Tnemec-coated concrete and masonry surfaces can withstand repeated cleanings and washdowns. More important, the coatings continue working to defy the erosive and corrosive effects of all types of adverse conditions to hold true to the promise of uncompromised protection.

left: 280 Park Avenue
New York, NY

TNEMEC HAS LONG BEEN A TRUSTED INDUSTRY LEADER

Since 1921, Tnemec has had a tradition of innovation and a reputation for creating market-leading coatings to protect and preserve vital and valuable structures.

From office buildings and retail malls to manufacturing facilities, sports arenas and universities, Tnemec's extensive line of products and specialized coating technologies has stood the test of time.

Tnemec has never strayed from its primary product focus and, today, continues to introduce many new and innovative product formulations for virtually all types of substrates, environmental conditions, cost/life cycle benefits and aesthetic advantages.

Performance of Tnemec products has been demonstrated in thousands of real-world situations. It's why building owners, engineers, coatings consultants, applicators and architects have come to rely on, trust and recommend Tnemec.

EXPERT PRODUCT CONSULTATION AND COMPREHENSIVE TECHNICAL SUPPORT

To ensure you are able to choose the ideal product for your project needs, Tnemec coatings consultants provide expert advice based on detailed application parameters. Even after the correct coating system is identified, Tnemec works with you, every step of the way, until your project is completed.

These experts know the distinct advantages and characteristics of every product, and they are highly adept at specifying the coating or combination of coatings that will provide maximum performance, whether for concrete, masonry, dry wall, CMU or stucco. They know each substrate's vulnerabilities and take the

time to understand and investigate your project's own distinct challenges and requirements. Their experience also provides great insight into the types of threats posed by different geographic regions.

Tnemec consultants also will provide you with detailed cost analyses, performance data and application parameters to help you better understand the advantages of your investment.

It is all part of dealing with a single source manufacturer and supplier who knows what the project demands and is able to consistently deliver.

right: University of Missouri - Brewer Field House
Columbia, MO



TEST OF TIME - Located in the heart of downtown New Orleans, the 18-story Westin Canal Place had suffered from serious moisture damage over the years. Renovation architects specified an elastomeric coating system from Tnemec to fix the problem in 1995.

First, the exterior was high-pressure washed and primed with a penetrating epoxy primer to seal the substrate. Next, two coats of Enviro-Crete, a flexible, modified waterborne acrylate coating, were applied to fill and bridge hairline cracks. Expansion joints were detailed and taped with Tneme-Tape, a high-strength fabric reinforcement.

Nearly two decades since completion, the coating system has continued to protect against moisture intrusion.



CERAMLON ENV COATING

- Excellent abrasion resistance
- Stain resistance
- Easy cleaning

Front Cover Project: National Research Corporation in Lincoln, NE

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INNOVATION IN EVERY COAT™

Tnemec Company Incorporated 6800 Corporate Drive Kansas City, Missouri 64120-1372 1-800-TNEMEC1 Fax: 816-483-3969 tnemec.com

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