



LANE Enterprises, LLC
LANE Technical Powder Coatings Division

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LANE Facilities

PENNSYLVANIA

Bedford 814.623.1191
 King of Prussia 610.272.4531
 Pulaski 724.652.7747
 Shippensburg 717.532.5959

VIRGINIA

Beaeton 540.439.3201
 Dublin 540.674.4645
 Wytheville 276.223.1051

NEW YORK

Ballston Spa 518.885.4385
 Bath 607.776.3366

NORTH CAROLINA

Statesville 704.872.2471

TEXAS

Temple 254.727.3346

CORPORATE HEADQUARTERS

Camp Hill 717.761.8175

Affiliated Associations



Products Include

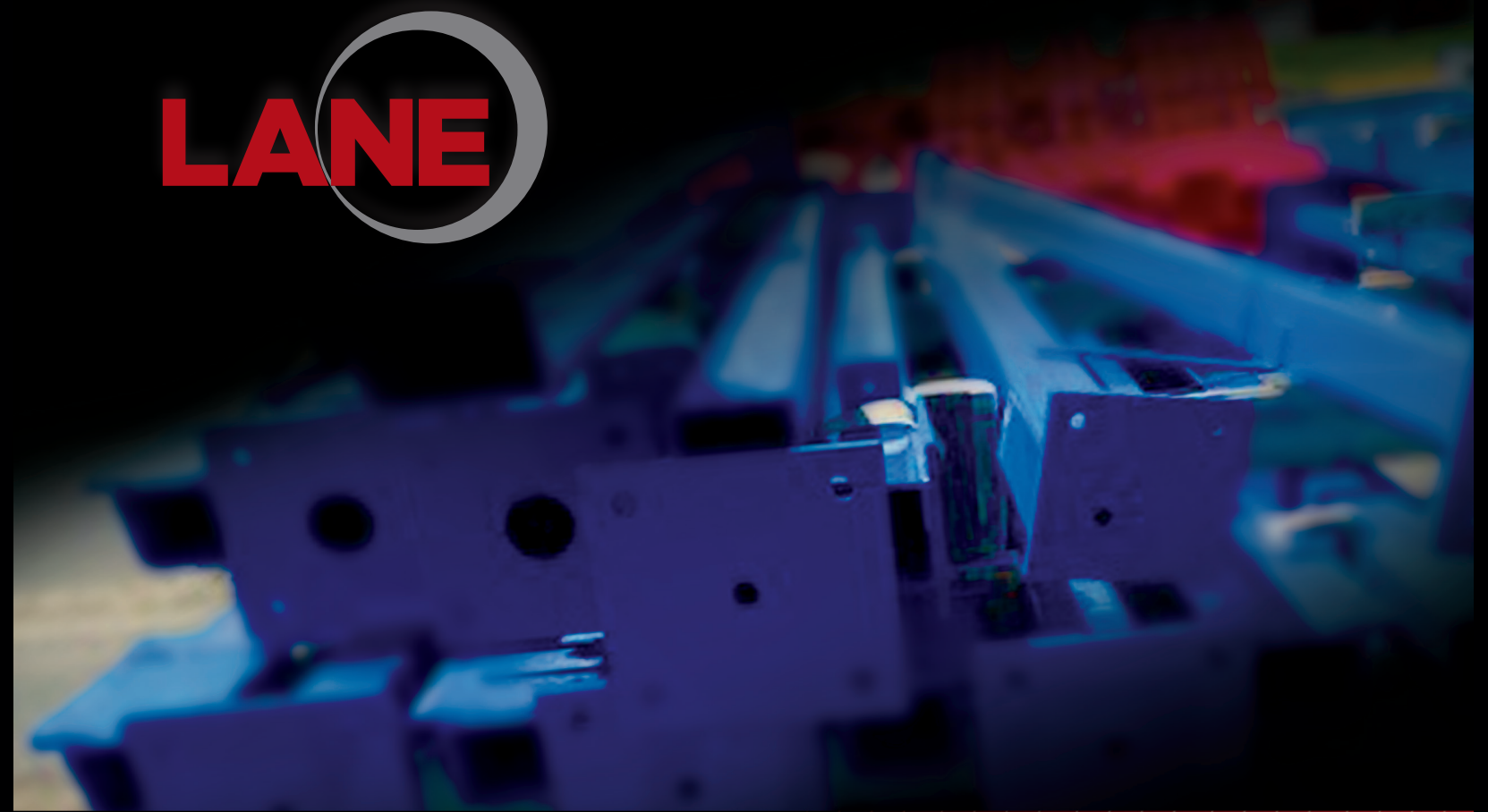
- Applied fusion-bonded epoxy powder to: ASTM-A884, ASTM-A775, and AASHTO- M284 specifications
- Approved coater for state D.O.T. and Port Authority projects in the Eastern U.S.
- Applied super durable polyester powder
- Applied organic zinc rich primer with super durable polyester powder (NEPCOAT) tested comparable to a 3 component bridge coating system

Pretreatment Systems

- Blast to SSPC-SP10 and SP5 specifications



An Employee-Owned Company



TECHNICAL POWDER COATING PRODUCTS



ABOUT LANE

As a full-line manufacturer of corrugated metal and plastic drainage products, Lane Enterprises, LLC operates plants throughout the Northeastern, Mid-Atlantic, and South-Central states producing various types of buried structures for the construction industry.

For nearly 90 years, Lane has partnered with contractors, engineers, and municipalities to supply reliable products that provide the highest levels of service life, strength, versatility, and economy. Our focus on quality products, responsive customer service, and technical expertise has established a long, proven history of successful partnerships within the industries we serve.

DID YOU KNOW? Polyester Powder coatings manufactured from polyesters synthesized with isophthalic acid as the sole acid, inherently yield extended exterior durability over standard polyesters.

LANE'S TECHNICAL POWDER COATINGS

Originally developed to meet the early-day demands for epoxy coated rebar, Lane's present day facility accommodates the construction industry's expanded applications, including structural steel, guide rail, bridge rail, sound wall posts, pilings, and a host of other construction materials that require a higher level of functional protection. Coating rebar is still Lane's most popular service, but with the addition of a custom powder coating line Lane is positioned to meet the demands of the finishing industry's fastest growing segment.

For more information, visit: lane-enterprises.com/TechnicalPowderCoatings

LARGE PART CONFIGURATION

We are able to accommodate components as large as 2' wide by 7.5' high and 100' long for polyester and 3 feet wide and 9 feet high and 110 feet long for green epoxy, and weighing as much as 9 tons. We have extensive material handling and storage capabilities to compliment our sophisticated two-line operation, further reducing the risk of project delays.

INDUSTRIAL POWDER COATING

Industrial powder coating is an alternative to liquid paint, utilizing finely ground particles which are electrostatically charged and sprayed onto parts. The parts are heated, melting the powder and forming a coating which is both physically and chemically bonded to the surface. Industrial powder coatings offer better impact resistance, flexibility and chemical resistance. Powder coating is typically more durable than conventional liquid coatings and often less expensive than comparable multi-coat liquid systems.

Lane offers the full range of finished powder coatings, each providing the level of functional protection needed for the particular application.

FUSION-BONDED EPOXY COATING

Fusion Bonded Epoxy Coating provides the hardest and most abrasion resistant surface for the more rigorous applications. Epoxy powder topcoats are ideal for steel reinforcement, pilings and sheeting.

TGIC POLYESTER POWDER COATING

TGIC Polyester Powder Coating provides a decorative finish with the full array of colors and a strong weathering resistance. Polyester powder topcoats find their greatest appeal in exposed structural elements, railings, fencing, gates, guide rails, sound wall posts, traffic signage structures, bollards, etc.

SUPER DURABLE POLYESTER POWDER

Super Durable Polyester Powder coatings manufactured from polyesters synthesized with isophthalic acid as the sole acid, inherently yield extended exterior durability over standard polyesters. Comparatively, powder coatings formulated with standard polyesters will lose 50% of their gloss between 12 and 24 months of South Florida weathering while powder coatings formulated with super durable polyesters require approximately 5 years of exposure before 50% gloss drop is observed. When properly formulated, ultraviolet stabilized super durable powder coatings can pass the AAMA-2604 specification.

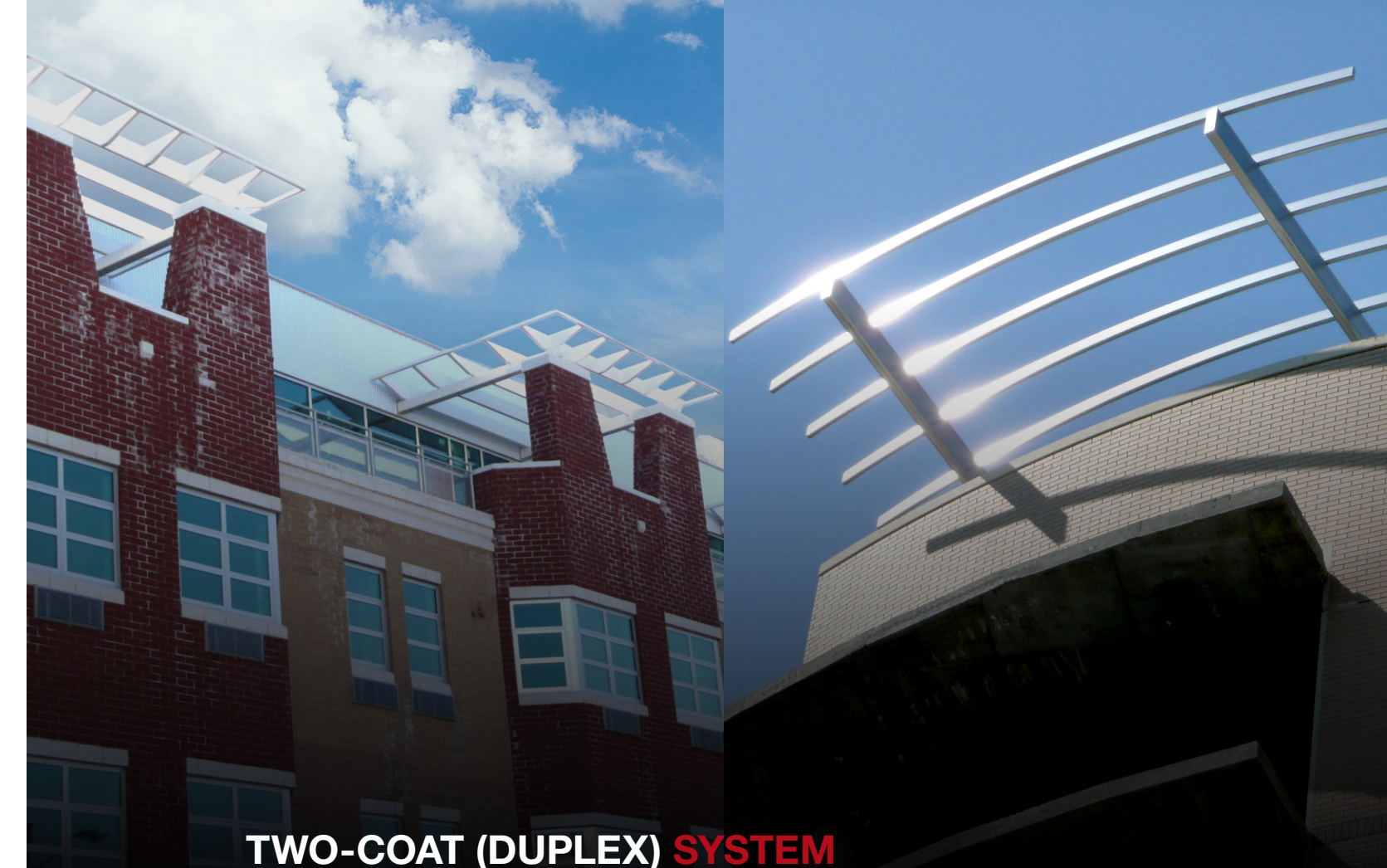
ENVIRONMENTAL ADVANTAGES OF POWDER COATING

Environmentally friendly powder coating is mainly for the coating of metals for structural steel and highway component products. Powder coating was first applied in Australia in the 1960s.

The environmentally friendly powder coating has several advantages over traditional powder coating and conventional liquid coatings:

- Low Emissions
- Less Waste
- No Toxicity
- Less Pollution
- Regulation Compliance
- Effective and Inexpensive





TWO-COAT (DUPLEX) SYSTEM

Lane's two-coat (duplex) system provides a cost effective alternative to conventional three-coat liquid systems for exterior coatings. The two-coat (duplex) system consists of an epoxy, polyester or hybrid powder topcoat underlain by a zinc-rich primer. Depending on the level of corrosion protection needed the base coat would consist of a zinc-rich epoxy powder or a solvent based organic zinc-rich epoxy primer.

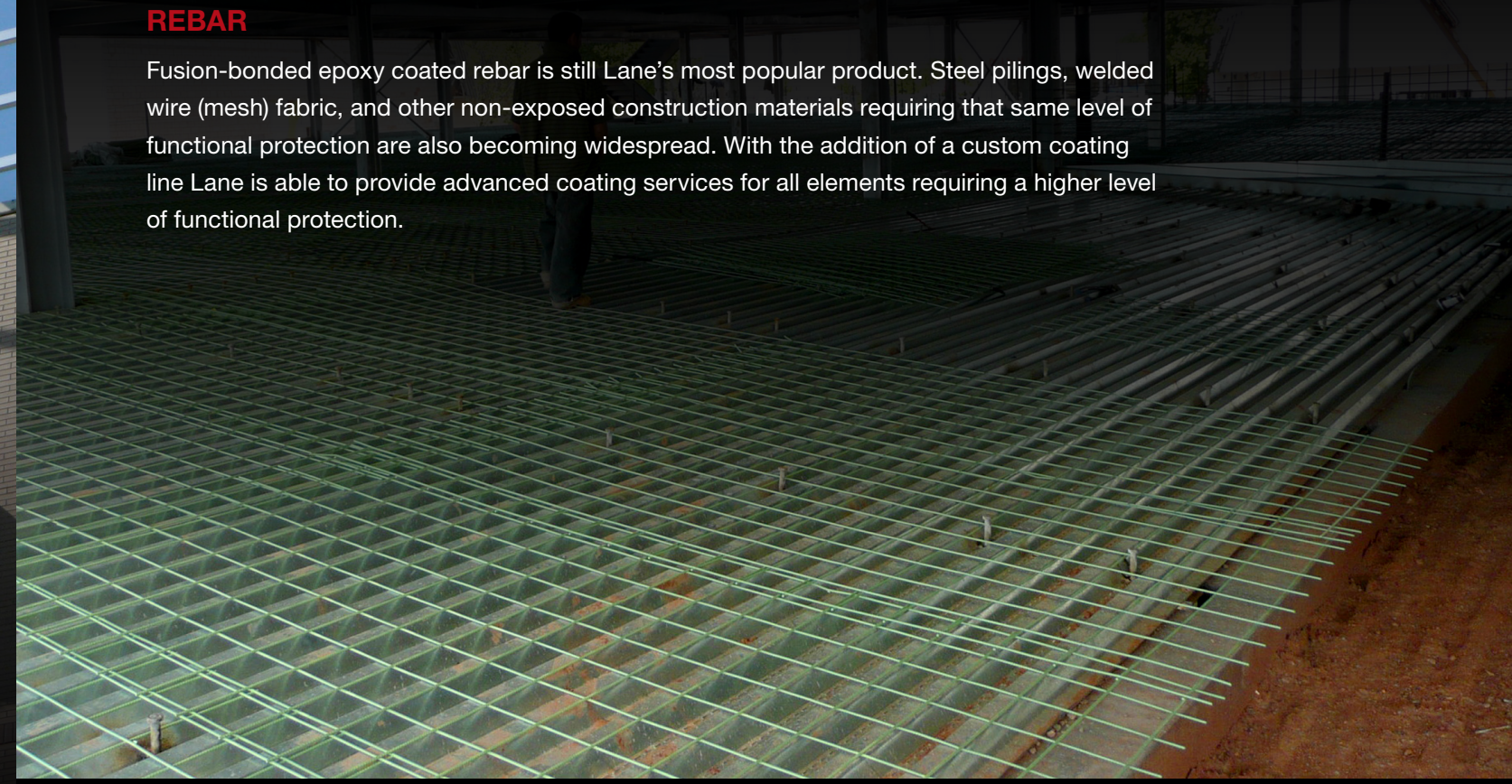
***DID YOU KNOW?** Powder coating is typically more durable than conventional liquid coatings and often less expensive than comparable multi-coat liquid systems.*

The organic zinc affords the greatest corrosion resistance and the polyester powder delivers the strongest UV protection. Lane's two-coat (duplex) system provides the long lasting luster of a fresh quality appearance.

TECHNICAL POWDER COATING APPLICATIONS

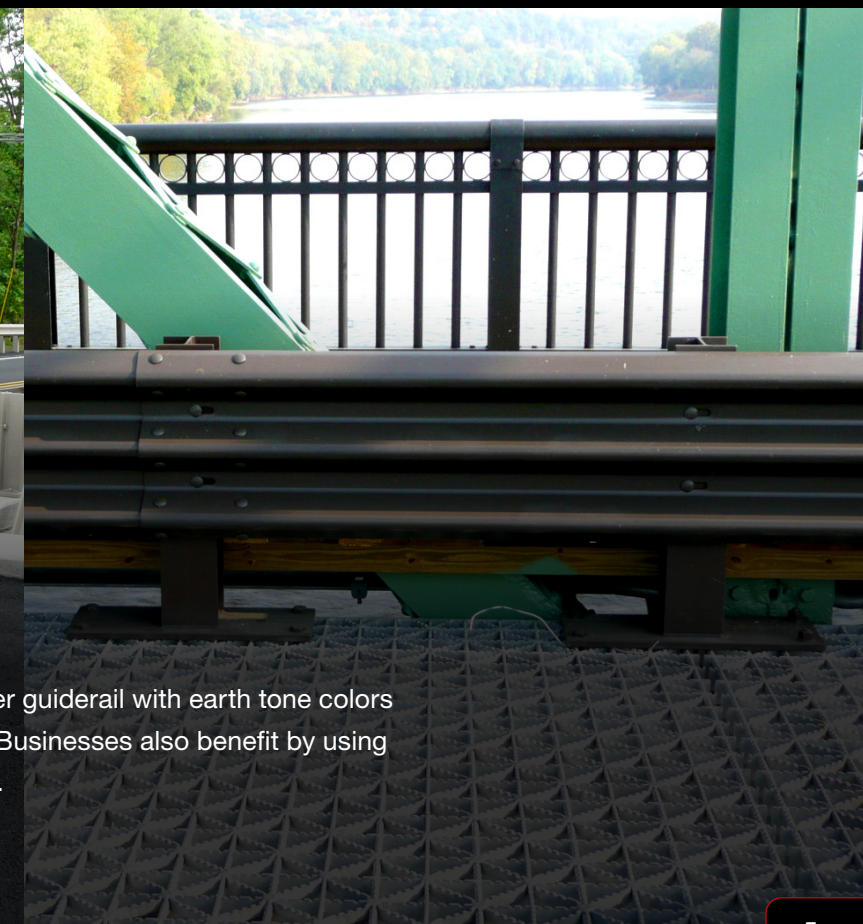
REBAR

Fusion-bonded epoxy coated rebar is still Lane's most popular product. Steel pilings, welded wire (mesh) fabric, and other non-exposed construction materials requiring that same level of functional protection are also becoming widespread. With the addition of a custom coating line Lane is able to provide advanced coating services for all elements requiring a higher level of functional protection.



GUIDERAIL

A growing number of agencies and commissions prefer guiderail with earth tone colors to blend in with their more high profile thoroughfares. Businesses also benefit by using high visibility safety or logo matching coloring options.



TECHNICAL POWDER COATING PRODUCTS

SOUND WALL POSTS

Highway sound barriers are now a mainstay construction item for limited access roads. These systems require colored sound wall posts that provide long lasting luster for years to come, can withstand the seomtimes difficult elements and can be colored to blend in with the surrounding environment. Lane's preferred two-coat system is the ideal specification to ensure these elements maintain their color and sheen over their intended service life.



STRUCTURAL COMPONENTS

Welded structural steel assemblies, hot rolled steel and aluminum, and exposed architectural elements requiring advanced technical powder coatings add to the list of applications that can benefit from Lane's two-coat system



LIGHT POLES

Coloring preferences for these historic light poles are also becoming popular, significantly enhancing the aesthetics of a town or city.



RAILING, FENCING, GATING, BOLLARDS

From ballparks to museums, municipal buildings to pedestrian enclosures, gated communities to theme parks . . . colored stairwells, security barriers and safety barricades alike requiring a higher level of functional protection are becoming mainstay two-coat system items on Lane's custom coating line.

