



TECHNICAL COATINGS D I V I S I O N

LANE



L A N E TECHNICAL COATINGS D I V I S I O N

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.

- Over 30 years of powder coating experience
- Approved applicators for over 20 state highway departments
- Premier coaters of epoxy, polyester and hybrid powders
- A full line dedicated for custom coatings





LANE'S 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:

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:

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, et al.

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 AAMA-2604 specification.

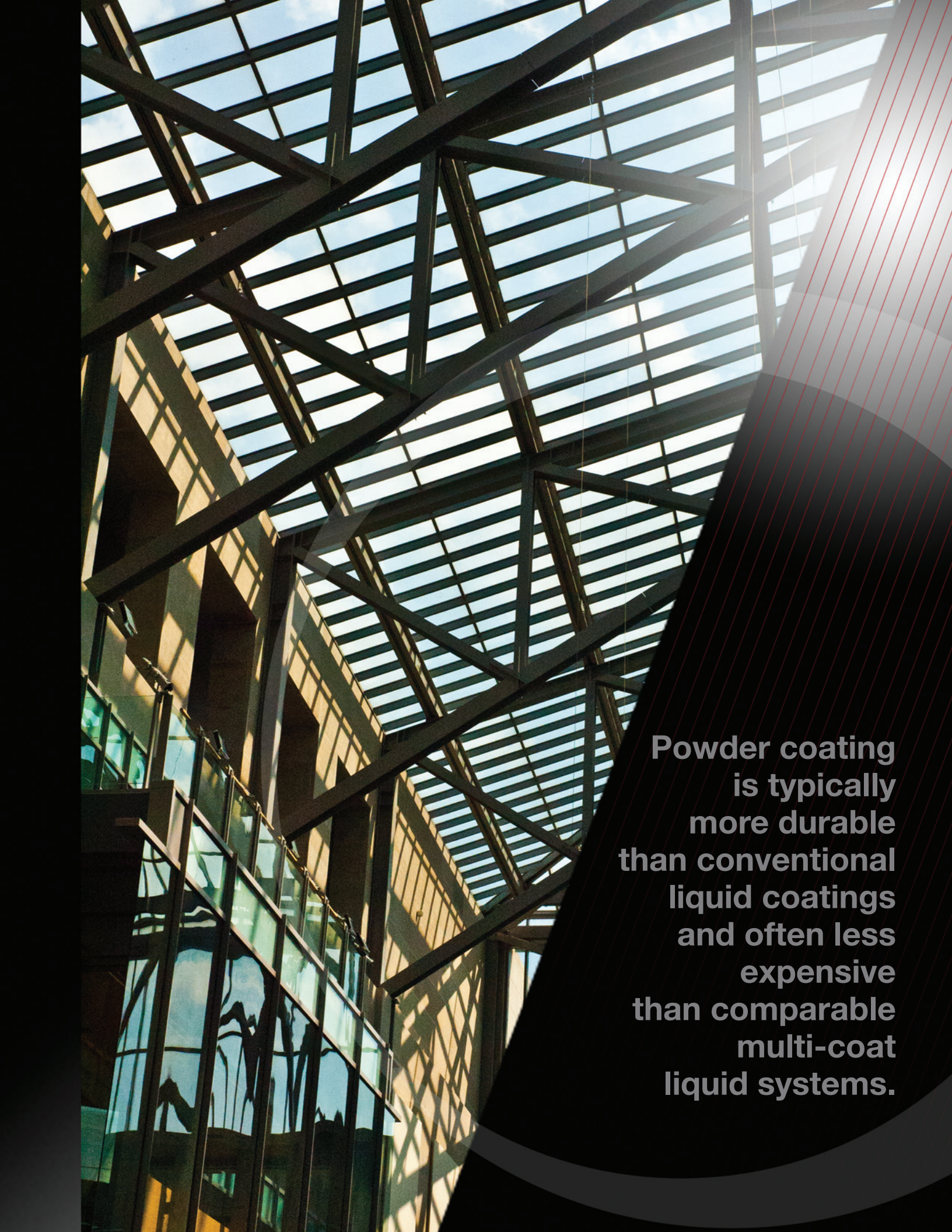




LANE'S TWO-COAT SYSTEM

Lane's two-coat system provides a cost effective alternative to conventional three-coat liquid systems for exterior coatings. The two-coat 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 basecoat would consist of a zinc-rich epoxy powder or a solvent based organic zinc-rich epoxy primer.

Lane's chief two-coat specification is an organic zinc-rich epoxy primer coated with a super durable polyester powder. The organic zinc affords the greatest corrosion resistance and the polyester powder delivers the strongest UV protection. Lane's two-coat system provides the long lasting luster of a fresh quality appearance.



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APPLICATIONS

Fusion-bonded epoxy coated rebar is still Lane's most popular product. Steel pilings, sheeting 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 environmentally blending earth tones for their more high profile thoroughfares. Businesses also benefit by using high visibility safety or logo matching coloring options.

SOUND WALL POSTS

Highway sound barriers are now a mainstay construction item for limited access roads. The environmentally blending appearance of these systems require colored sound wall posts that can withstand the elements and provide that long lasting luster for years to come. Lane's preferred two-coat system is the ideal specification to ensure these elements maintain their color and sheen over their intended service life.



TRAFFIC STRUCTURES

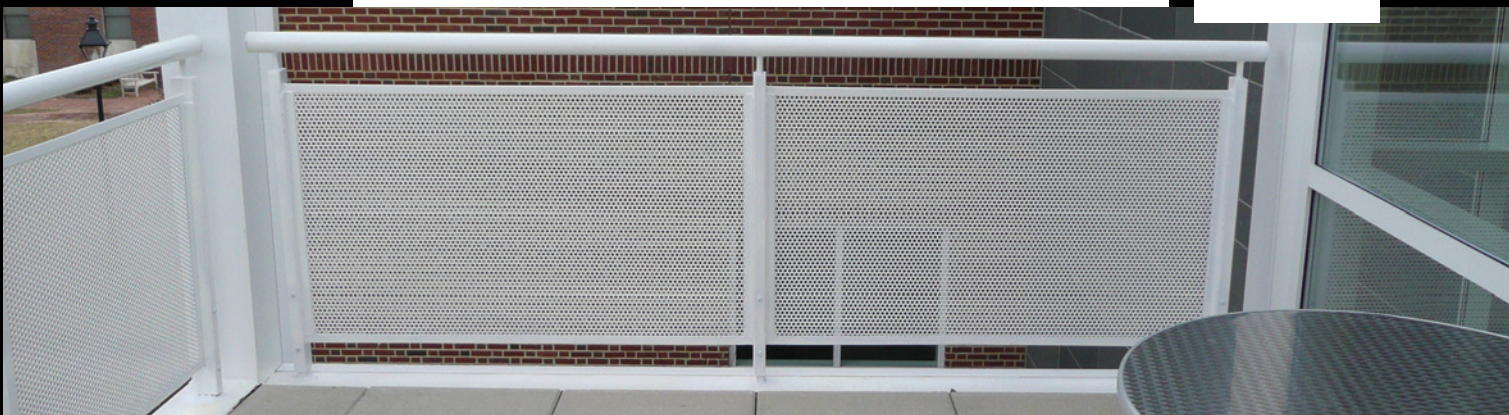
Coloring preferences for these highway components are also becoming popular, significantly enhancing the aesthetics of ordinary signage and lighting structures.

STRUCTURAL COMPONENTS

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

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.





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Affiliated Associations



- American Society for Testing and Materials

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
- Applied organic zinc rich primer

Pretreatment Systems

- Blast to SSPC-SP10 and SP5 specifications
- Chemical treatment with iron phosphate



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