

LAVACRETE®



POLYMER CONCRETE PRODUCTS FOR CORROSION AND CHEMICAL PROTECTION

When you need a chemical-resistant surface, not just on top of concrete but throughout, **LavaCrete** polymer concrete products offer the ideal protection for your project.

LavaCrete products are formulated without Portland cement or water, ingredients that lead to weaknesses in corrosion protection. Instead, they utilize a polymer resin combined with specialty graded fillers for a durable topping all the way to the original substrate, creating a corrosion-proof barrier that is no less than 3/8" (9.5 mm) thick.

LavaCrete can be installed on new or existing surfaces up to 10" (25 cm) in a single pour. Whether used for resurfacing deteriorated concrete or casting trenches, sumps or pads (on- or off-site), it can be applied and returned to service the same or next day, providing chemical resistance while keeping your project on track.

FEATURES AND BENEFITS

- Zero to minimal shrinking
- 3x bond of normal concrete
- Excellent chemical resistance
- Cost- and labor-saving
- Easy to install
- Thermal shock resistant
- Up to 10" (25 cm) in a single pour
- Return-to-service in 8 hours or less



Above: For deteriorated containment areas or facility floors, LavaCrete polymer concrete products provide structures with advanced chemical protection and return-to-service within eight hours or less.

LAVACRETE PRODUCTS

[SERIES 469 LAVACRETE](#) A non-shrinking, high-performance, odor free, epoxy-based polymer concrete. A good alternative to concrete for refurbishment in low-temperature conditions where advanced corrosion resistance is needed.

[PRODUCT DATA SHEET \(PDS\)](#)

[SERIES 470 LAVACRETE](#) A non-shrinking, epoxy polymer concrete for use when high impact and abrasion resistance on your project is of primary concern along with acid and caustic resistance. Odor free and extremely fast setting to place your work area back in service within hours of application.

[PRODUCT DATA SHEET \(PDS\)](#)

[SERIES 479 LAVACRETE](#) A non-shrinking, premium grade novolac epoxy-based polymer concrete. An ideal selection when added chemical resistance and fast return to service is required in regular and low-temperature conditions.

[PRODUCT DATA SHEET \(PDS\)](#)

[SERIES 489 LAVACRETE](#) A premium grade vinyl ester-based polymer concrete. Ideal for pump and pad rebuilds in areas of strong acid and caustics. Use to cast sumps and trenches off-site, saving time and money.

[PRODUCT DATA SHEET \(PDS\)](#)

[SERIES 490 LAVACRETE](#) A premium grade novolac vinyl ester polymer concrete, used when certain conditions require a higher temperature resistance or chemical service out of the range of standard vinyl ester.

[PRODUCT DATA SHEET \(PDS\)](#)

THE RIGHT SYSTEM FOR YOUR PROJECT For help determining the best coating system for your needs, contact your local Tnemec representative. They are among the most tenured and knowledgeable experts in the industry and can help you understand the benefits of specifying and applying the ideal coating system on your structures.

[CONTACT](#)

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 or contact your Tnemec technical representative. © Tnemec Company, Inc. 2023 FLYLAW