

# PROPOLYMER®



## DURABLE PROTECTION FOR TANKS IN FOOD AND BEVERAGE FACILITIES

With a proven track record of performance in food and beverage processing environments, Tnemec's **ProPolymer** line of high-performance, FDA-compliant vinyl ester linings offer the ultimate protection for tanks and vessels.

By providing abrasion-, permeation- and chemical-resistance, ProPolymer linings help prevent corrosion and pitting while limiting downtime and maintenance. For carbon and stainless steel tanks exhibiting heavy pitting, weld corrosion and other service issues, ProPolymer linings can preserve your vessels and protect your production profits, eliminating the cost and time associated with tank replacement.

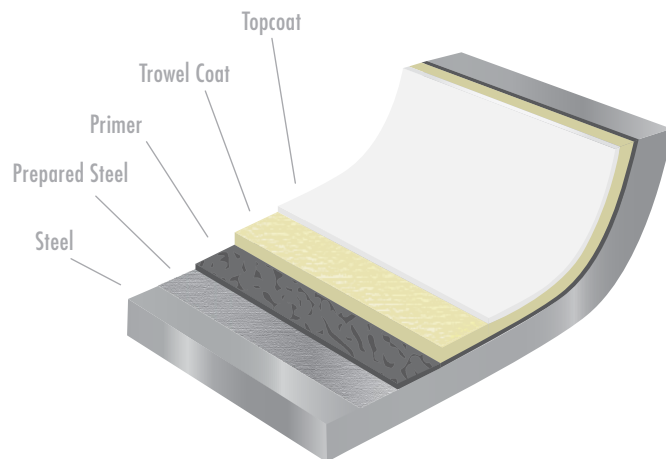
Independently tested and certified for FDA-compliance under 21 CFR 175.300 Direct Food Contact, these robust linings are not only safe for direct processing contact of food and beverage products but also withstand rigorous Clean-In-Place (CIP) sanitation protocols.

## FEATURES AND BENEFITS

- FDA-certified protection
- Enhanced corrosion & abrasion resistance
- High permeability and stain resistance
- Handles rigorous cleaning & sanitation protocols
- Versatile surface capability  
(concrete, carbon and stainless steel)
- Trowel-, roll- and spray-applied options
- Fast cure and return-to-service

## LININGS DESIGNED TO KEEP YOUR FACILITY ONLINE

ProPolymer products can be applied in a variety of methods, from thick-film trowel-grade sprayable linings to roller-applied products for those small tanks or vessels. These versatile primers and finish coats can be combined into a tailor-made system designed for each specific exposure in your facility.



## PROPOLYMER PRODUCTS

**SERIES 1402** A vinyl ester primer for concrete, carbon and stainless steel, this coating can be applied by brush, roller, or spray and offers fast-cure capability to limit downtime.

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

**SERIES 1420** A trowel-applied vinyl ester body coat containing glass flake to prolong service life with enhanced abrasion and permeation resistance.

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

**SERIES 1422** A trowel-grade, glass-flake-filled tank and vessel liner formulated with a high temperature-resistant vinyl ester resin for service up to 240°F (116°C) dry.

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

**SERIES 1430** A spray- or roller-applied coating typically used as a topcoat over trowel-applied body coats or as a stand-alone lining. Formulated with lamellar flake reinforcement for added abrasion resistance.

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

**SERIES 1432** This glass-flake-filled vinyl ester lining provides excellent abrasion and chemical resistance, even in high-temperature exposures. Applied by roller or spray, it can serve as a stand-alone liner or as a topcoat over trowel-applied linings.

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

## THE RIGHT SYSTEM FOR YOUR PROJECT

[CONTACT](#)

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.

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](http://tnemec.com) or contact your Tnemec technical representative. © Tnemec Company, Inc. 2023 FLYPRO