

INDUSTRIAL SYSTEM SELECTION GUIDE

CONCRETE REPAIR AND PROTECTION



Tnemec's concrete repair technologies can be used to restore and protect concrete assets, offering premium performance and durability required for industrial environments. With rapid cure and setting, these customized systems can be installed with little downtime and quick return-to-service.



FILLER, RESURFACE, RESTORATION



TOPPER AND CONTAINMENT



CASTING

System Type	Minimum Surface Preparation	Coatings System	Recommended DFT (Mils)	Total DFT (Mils)
Resurface Repair: Interior Exposure (>1/4")	ICRI-CSP 5	Series 217 MortarCrete Cementitious Repair Series N69 Hi-Build Epoxoline II Epoxy Series N69 Hi-Build Epoxoline II Epoxy (Optional)	Up to 4" 2-10 2-10	2-20
Resurface Repair: Exterior Exposure (>1/4")	ICRI-CSP 5	Series 217 MortarCrete Cementitious Repair Series N69 Hi-Build Epoxoline II Epoxy Series 1095 Endura-Shield Polyurethane	Up to 4" 2-10 2-5	4-15
Resurface Repair: High-Performance Containment (>1/4")	ICRI-CSP 5	Series 217 MortarCrete Cementitious Repair Series 239SC ChemBloc Novolac Series 239SC ChemBloc Novolac Fiberglass Reinforced Mat (3/4 or 1.5 oz) Series 239SC ChemBloc Novolac Series 282 Tneme-Glaze Novolac	Up to 4" 4-12 6-12 N/A 16-24 6-12	32-60
Filler Repair: Interior Exposure (<1/4")	ICRI-CSP 5	Series N218 MortarClad Cementitious Mortar Series N69 Hi-Build Epoxoline II Epoxy Series N69 Hi-Build Epoxoline II Epoxy (Optional)	Up to 1" 2-10 2-10	2-20
Filler Repair: Exterior Exposure (<1/4")	ICRI-CSP 5	Series N218 MortarClad Cementitious Mortar Series N69 Hi-Build Epoxoline II Epoxy Series 1095 Endura-Shield Polyurethane	Up to 1" 2-10 2-5	4-15
Filler Repair: High-Performance Containment (<1/4")	ICRI-CSP 5	Series N218 MortarClad Cementitious Mortar Series 239SC ChemBloc Novolac Series 239SC ChemBloc Novolac Fiberglass Reinforced Mat (3/4 or 1.5 oz) Series 239SC ChemBloc Novolac Series 282 Tneme-Glaze Novolac	Up to 1" 4-12 6-12 N/A 16-24 6-12	32-60
Multi-Purpose Polymer Concrete Topper	ICRI-CSP 5	Series 108 ProBond Epoxy Sealer (Optional) Series 469 LavaCrete Epoxy Polymer Concrete	4-6 3/8-10"	-
Premium Polymer Concrete Topper	ICRI-CSP 5	Series 108 ProBond Epoxy Sealer (Optional) Series 479 LavaCrete Novolac Polymer Concrete	4-6 3/8-10"	-
High Temperature Premium Performance Polymer Concrete Topper	ICRI-CSP 5	Series 1407 Vinester Vinyl Ester (Optional) Series 489 LavaCrete Vinyl Ester Polymer Concrete	2-6 3/8-10"	-

NOTE: Not all service areas or site-specific conditions are referenced in System Selection Guides. For more information, reference the product data sheet or contact your local Tnemec representative.

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. 2025 SS6CR