

CONCRETE PROTECTIVE COATINGS

PRODUCT USAGE GUIDE



A World



Concrete Protective Coatings

Concrete's use in industry as a material of construction is widespread; yet its protection from reactive chemicals and aggressive service exposures is often overlooked. Concrete is used in:

- Tanks
- Production area floors
- Trench drains
- Pipes
- Flumes
- Containment dykes
- Pump, tank, and structural member supports

When seeking protection for your concrete surfaces, selecting a great product is important, but knowing that there's a great company to stand by you—a company who understands concrete and your conditions—is essential to providing you the best long-term solutions.

Chesterton has continued to advance the ARC Concrete Protective Coatings line, for over 30 years, to serve as industries' "first line of defense" against permeation and chemical attack.



We offer, for use in a broad spectrum of industrial applications, products such as:

- Penetrating, damp-proof primers/sealers for maximum adhesion
- Trowelable and pourable grouts for rebuilding and grading
- Thin film coatings for chemical exposures with light traffic requirements
- Resurfacing compounds for chemical exposures with heavy traffic and load requirements

of Protection

Chesterton® ARC Concrete Protective Coatings are used every day in a variety of industries, ranging from food and beverage to chemical processing. Whether you require a demanding secondary containment liner for harsh chemicals or spall and patch repairs for improved traffic flow, ARC Concrete Protective Coatings are engineered to meet your concrete protection needs.



Primers/Sealers for Improved Adhesion

- 797**
 - Low viscosity primer for high-build epoxy topcoats
 - Promotes adhesion on damp surfaces
 - 100% solids allows for rapid topcoating
- NVE PC**
 - Fast penetrating, adhesion promoting, low viscosity novolac vinyl ester primer for vinyl ester-based topcoats (NVE VE and NVE TC)

Thin Film Coatings for Chemical Protection

- CS2**
 - General purpose epoxy barrier film
 - High-gloss finish with permeation resistance
 - 100% solids, self-priming
- CS4**
 - 250–380 micron (0.010–0.015") barrier coat for aggressive chemical exposures
 - High-gloss finish with permeation resistance
 - 100% solids, self-priming
- NVE VC**
 - Low viscosity, permeation-resistant, 250–375 micron (0.010–0.015") novolac vinyl ester-based barrier coat for strong oxidizers and organic acids
 - High-gloss finish

Resurfacing Coatings for Aggressive Mechanical and Chemical Exposures

- 791**
 - 6 mm (0.25") trowel applied resurfacer with vertical build capability
 - Primer required
 - Self-sealing property makes it ideal for moderate chemical exposures
 - Low coefficient of thermal expansion resists cracking due to temperature variations
- 988**
 - 6 mm (0.25") trowel applied resurfacer with vertical build capability
 - Primer required
 - Self-sealing property makes it ideal for aggressive chemical exposures
 - Low coefficient of thermal expansion resists cracking due to temperature variations
- NVE TC**
 - 3–6 mm (0.125–0.25") quartz reinforced, trowel applied, novolac vinyl ester for strong oxidizers and organic acid exposures
 - Vertical build capability
 - Requires NVE PC (primer)
 - May be topcoated with NVE VC for positive sealed surface



Global Solutions, Local Service

Since its founding in 1884, the A.W. Chesterton Company has successfully met the critical needs of its diverse customer base. Today, as always, customers count on Chesterton solutions to increase equipment reliability, optimize energy consumption, and provide local technical support and service wherever they are in the world.

Chesterton's global capabilities include:

- Servicing plants in over 100 countries
- Global manufacturing operations
- More than 500 Service Centers and Sales Offices worldwide
- Over 1200 trained local Service Specialists and Technicians

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