

2-Layer system, high performance modified novolac vinyl ester coating for concrete where extreme chemical resistance is required. ARC NVE Veil Coat (VC) industrial coating is designed to:

- Serve as a stand-alone, thin film coating
- Protect against a wide range of concentrated acids, organic solvents, and alkalis
- Easily apply by brush, roller, squeegee or airless spray

Application Areas

- Battery Rooms
- Pickling/Plating lines
- Bleaching Areas
- Sumps, Trenches & Pits
- Chemical Containments
- Pump equipment
- Pickling Rooms
- Loading stations
- Equipment bases

Packaging and Coverage

Nominal System Kit coverage: 9.60 m² (103.30 ft²) at 500 µm (20 mil) thickness

- NVE VC 2-Layer System has 3 components:
 1. NVE Primer Coat (PC)
 - 1 x 2.1 liter (.55 gal) container
 - Nominal DFT of 125-180 µm (5-7 mil)
 2. NVE Veil Coat (VC)
 - 1 x 4.8 liter (1.27 gal) container
 - Nominal WFT of 250-375 µm (10-15 mil)
 3. ARC CHP Catalyst
 - 1 X 250 ml containers

Note: Components are pre-measured & pre-weighed. Each kit includes mixing and application instructions.

Colors: Red or Gray*

* Available from our EME Manufacturing Facility only
Maintain transport temperature below 24°C (75°F)



Features and Benefits

- **Resistant to concentrated chemicals i.e. Alkalis, Acids & Solvents**
 - Selection with confidence
 - Covers a broad range of chemical exposures
- **Specialized blend of reinforcements**
 - Long term resistance to permeation
- **Thin film system or as a seal coat for ARC NVE TC**
 - Versatile coating
 - Serves multiple applications
- **Deep penetrating primer system**
 - Promotes exceptional adhesion
 - Concrete cohesively fails before coating

Technical Data

Composition	NVE PC	A low viscosity modified epoxy novolac vinyl ester resin reacted with catalyst	
	NVE VC Matrix	A modified epoxy novolac vinyl ester resin reacted with catalyst	
	NVE VC Reinforcement	A proprietary blend of permeation resistant, inert particles	
Cured Density		1.1 g/cc	9.25 lb/ cu.ft.
VOC	EPA 24	0.07 kg/l	0.55 lb/gal
Pull-Off Adhesion	(ASTM D 4541)	>38 kg/cm ² (3.8 MPa)	551 psi
Service Temperature	Wet	130°C	266°F
	Dry	200°C	392°F
Shelf life (unopened containers)	1 year [transported and stored between 10°C (50°F) and 24°C (75°F)]		