Product Datasheet: ARC NVE(E) VC

High performance modified novolac vinyl ester coating for concrete where extreme chemical resistance is required. ARC NVE(E) 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 m^2 (103.30 ft^2) at 500 µm (20 mil) wet film thickness

- NVE(E) VC 2-Layer System has 3 components:

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

Note: Components are pre-measured & pre-weighed.

Each kit includes mixing and application instructions.

Colors: 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
- **Deep penetrating primer system**
  - Promotes exceptional adhesion
  - Concrete cohesively fails before coating

Technical Data				
Composition	NVE(E) PC	A low viscosity modified epoxy novolac vinyl ester resin reacted with catalyst		
	NVE(E) VC Matrix	A modified epoxy novolac vinyl ester resin reacted with catalyst		
	NVE(E) 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 Dry	130°C 200°C	266°F 392°F
Shelf life (unopened containers)		1 year [transported and stored between 10°C (50°F) and 24°C (75°F)]		

CHESTERTON
Global Solutions, Local Service.

Chesterton International GmbH
Am Lenzenfleck 23, DE-85737 Ismaning, Germany
Tel +49-5223-96276-0
www.arc-epc.com eu-pds@chesterton.com

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