Product Datasheet: ARC 797(E)

100% solids, low viscosity, fast penetrating modified epoxy primer sealer. ARC 797(E) industrial coating is designed to:

- Bond to damp concrete
- Penetrate and seal concrete surface layer
- Provide a proper surface for other ARC epoxy based coatings for concrete
- Apply by roller, brush, or airless spray

Application Areas

As a primer:

- Primarily for ARC 791(E) & 988(E)
- Secondarily for CS2(E), CS4(E) & S1HB(E)

As a sealer for:

- Concrete tanks
- Secondary containment
- Water intakes and dams
- Sumps, drains & pits
- Process floor areas
- Pump bases
- Equipment bases

Packaging and Coverage

Nominal, based on a 250 µm (10 mil) dft

- Note 1: On porous concrete surfaces a two coat application may be required to provide sufficient film thickness on surface for adhesion of topcoats:
- 16 liter kit covers 64.0 m^2 (688.90 ft^2)

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

Each kit includes mixing and application instructions

Colors: Amber

Features and Benefits

- **Low mixed viscosity**
  - Penetrates into concrete sealing surface
- **100% solids; no VOCs; no free isocyanates**
  - Enhances safe use
  - Allows for immediate over-coating on horizontal surfaces
  - No Shrinkage on cure
- **Can be applied to damp concrete**
  - Saves time
  - Allows application under broad conditions
- **Promotes strong adhesion to concrete**
  - Prevents delamination
  - Contributes to permeation resistance

Technical Data			
Composition Matrix	A modified epoxy resin reacted with aliphatic amine curing agent		
Cured Density		1.20 g/cc	74 lb/ cu.ft.
Adhesion to Concrete	(ASTM D 4541)	>35.1 kg/cm^2 (>3.4 MPa)	>500 psi Concrete Failure
Maximum Service Temperature (Dependent on service) (Water Immersion) Continuous (Water Immersion) Intermittent		 66°C 93°C	 150°F 200°F
Shelf life (unopened containers)	3 years [stored between 10°C (50°F) and 32°C (90°F) in dry, covered facility]		

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