

**A rapid curing emergency leak sealing compound. ARC 5 industrial coating is designed to:**

- Patch and seal leaks up to 3 mm (.125") diameter
- Fare smooth pitted regions and cure to a hard film within 15 minutes
- Cure underwater and on damp surface
- Easily apply by trowel

### Application Areas

- Pitted metal surfaces
- Flange faces
- Leaking ductwork
- Leaking pipes
- Cracked valves
- Holed pump casings
- Holed floating tank roofs
- Scored hydraulic rams & pistons

### Packaging and Coverage

Nominal, based on a 3 mm (120 mils) thickness

- 250 g kit covers 521 cm<sup>2</sup> (80 in<sup>2</sup>)

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

Each kit includes mixing and application instructions plus tools.

Color: Gray



### Features and Benefits

- Cures on damp surfaces
  - Surface tolerant for faster and easier application
- 100% solids; no VOCs; no free isocyanates
  - Enhances safe use
- Convenient 4:1 by weight and volume mix ratio
  - Simplifies mixing and application
- Low temperature cure capable
  - Cures down to 4°C (40°F)
- Achieves strong adhesion to dry and damp surfaces
  - Offers substantial versatility in application

### Technical Data

Composition	Matrix	A modified epoxy resin reacted with an aliphatic polyamine curing agent	
	Reinforcement ( <i>Proprietary</i> )	Blend of fine ceramic particles designed for abrasion & corrosion resistance	
Cured Density		1.6 gm/cc	100 lb/ cu.ft.
Tensile Adhesion	(ASTM D 4541)	246.8 kg/cm <sup>2</sup> (24.2 MPa)	3,510 psi
Compressive Strength	(ASTM D 695)	630 kg/cm <sup>2</sup>	9,000 psi
Flexural Strength	(ASTM D 790)	270 kg/cm <sup>2</sup>	3,900 psi
Flexural Modulus	(ASTM D 790)	3.0 x 10 <sup>4</sup> kg/cm <sup>2</sup>	4.2 x 10 <sup>5</sup> psi
Tensile Strength	(ASTM C 638)	180 kg/cm <sup>2</sup>	2,580 psi
Shore D Durometer Hardness	(ASTM D 2240)	90	
Vertical Sag Resistance at 21°C (70°F) and 6 mm (1/4")		No sag	
Maximum Temperature (Dependent on service)	Wet Service	66°C	150°F
	Dry Service	93°C	200°F
Shelf life (unopened containers)	2 years [stored between 10°C (50°F) and 32°C (90°F) in dry, covered facility]		