



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

- Patch and seal leaks up to 3 mm (120 mil) 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



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

Packaging and Coverage

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

250 g kit covers 0.052 m² (0.056 ft²)

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

Color: Gray



Technical Data			
Composition Matrix	A modified epoxy resin reacted with an aliphatic polyamine curing agent		
Reinforcement (Proprietary)	Blend of fine ceramic particles designed for abrasion & corrosion resistance		
Cured Density		1.6 gm/cc	100 lb/ cu.ft.
Pull-Off Adhesion	(ASTM D 4541)	246.8 kg/cm ² (24.2 MPa)	3,510 psi
Compressive Strength	(ASTM D 695)	630 kg/cm ²	9,000 psi
Flexural Strength	(ASTM D 790)	270 kg/cm ²	3,900 psi
Flexural Modulus	(ASTM D 790)	3.0 x 10 ⁴ kg/cm ²	4.2 x 10 ⁵ psi
Tensile Strength	(ASTM C 638)	180 kg/cm ²	2,580 psi
Shore D Durometer Hardness	(ASTM D 2240)	90	
Vertical Sag Resistance at 21°C (70°F) and 6 mm (240 mil)		No sag	
Maximum Temperature	Wet Service	66°C	150°F 200°F
(Dependent on service) Shelf life (unopened containers)	Dry Service 93°C 200°F 2 years [stored between 10°C (50°F) and 32°C (90°F) in dry, covered facility]		



A.W. Chesterton Company 860 Salem Street, Groveland, MA 01834 USA Tel +1 978-469-6888 Toll Free 844-469-6888 www.arc-epc.com ARCInfo@Chesterton.com © 2016 A.W. Chesterton Company

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