Protective Coatings

FEATURES

- Thin, hard coating
- Good electrical and mechanical protection
- Good leadwire anchor
- Also used as an adhesive

Pb-free
RoHS COMPLIANT

DESCRIPTION

Two-component 100%-solids epoxy systems. Primarily used as an adhesive. Often used as protective coatings because of low vapor-transmission rate. AE-15 is superior but requires heat cure. Single coating thickness 0.005-0.015in [0.1–0.4mm].

Primarily used where a thin hard coating is required to resist water immersion for short time. Good electrical/mechanical protection where high velocity fluids are present and minimum disturbance to flow is necessary. Good leadwire anchor. Often used as precoat for sealing concrete.

CHARACTERISTICS

Cure Requirements:
AE-10 minimum cure 6 hours at +75°F [+24°C]; AE-15 is 6 hours at +125°F [+50°C]. To accelerate cure at higher temperatures, see cure schedules for M-Bond AE-10 and M-Bond AE-15.

AE-10 mixed pot life 15-20 minutes; AE-15 is 1-1/2 hours at +75°F [+24°C].

Operating Temperature Range:
–100° to +200°F [–75° to +95°C].

Shelf Life:
Minimum 12 months at +75°F [+24°C]; or
18 months at +40°F [+5°C].

PACKAGING OPTIONS

Kit:
6 mixing jars AE Resin [10g] ea
1 bottle Curing Agent 10 or 15 (1/2oz [15ml])

Bulk:
1 bottle AE Resin [200g]
1 bottle Curing Agent 10 [40g] or
1 bottle Curing Agent 15 [25g]

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