

ABRO ES-509 4 MINUTE EPOXY (Automotive Grade)

ABRO ES-509 Kwik-Set Epoxy Steel is an automotive grade adhesive that permanently bonds and repairs in four minutes. Chemically welds, fills, and seals most metals.

- Quick Sets in 4 Minutes
- Repairs Steel, Iron, Brass, and Copper
- Resistant to Gasoline, Antifreeze, and Most Solvents

DIRECTIONS

1. Surface to be repaired must be clean, dry and free of oil, grease or wax.
2. Remove cap and puncture seal of both Resin and Hardener.
3. Squeeze equal amounts from both tubes. Mix thoroughly until a uniform color is achieved. Must be used within 4 minutes.
4. Apply a thin coat to both surfaces.
5. Mixture will become warm while it sets. No clamping is necessary – only slight pressure while material sets. Recommended for applications about 50°F (10°C)

PACKAGING / STORAGE

- Tubes of 1 oz Resin / 1 oz Hardener on Card (2oz / 57g total) / 12 Cards per Case
- Do not store above 100°F.
- Use with adequate ventilation.

TYPICAL PROPERTIES

Specific Gravity: 1.68
Appearance: Resin - Black Viscous Liquid
Hardener - White Viscous Liquid
Percent Volatile: 0
Water Solubility: Not soluble

Specification Range (30 grams @ 77°F)

Shore D Hardness:
@ 15 minutes > 50
@ 30 minutes > 65
@ 60 minutes > 75
@ 120 minutes > 80



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