

QCM INDUSTRIAL

EAS-6 EPOXY ADHESIVE SYSTEM

DESCRIPTION: EAS-6 is a two (2) part epoxy standard set adhesive system designed to meet the requirements of Washington State Department of Highways specification, Section 9-26.2 for bonding of traffic buttons and other lane markers, and Arizona Department of Transportation, Section 706.04. EAS-6 also meets the American Public Works Association Specification 44- 2.02 B 4; and State of Oregon Highways Specification 762.06.

OTHER USES: Excellent for bonding wood to concrete, steel to concrete, concrete to concrete and asphalt (wheel stops). Customers also report good results when bonding fiberglass or ABS to a variety of surfaces as well as an abrasion resistant coating for metal bottoms of riverboats.

MIX RATIO: One (1) to one (1), by weight or volume.

CONSISTENCY: Soft, Buttery.

COLOR: Part A: white; Part B:-black; Mixed:- gray.

WORK OR POT LIFE: Approximately 7-10 minutes at 70 F. (Based on a one (1) pound batch).

PHYSICAL PROPERTIES: (typical)

Compressive strength : (2-inch cubes, 3 day cure) > 3000 psi

Dry Bond Test: (Arizona 706.05) (7 days) PASSED

Wet Bond Test: (Arizona 706.05) (24 hours) PASSED

Wet Bond Test: (Arizona 706.05) (72 hours) PASSED

VISCOSITY RANGE: 100,000 - 300,000 cps

Helipath TD @ 77 F, for both Part A and Part B.

CURE CHARACTERISTICS* (approximate): TYPE I

Firm Set Time @ 70 F 2 hours

Firm Set Time @ 50 F 4 hours

Hard Set Time @ 70 F 4 hours

Full Cure @ 70 F 24 hours

* Based on 40 mil film.

RECOMMENDED APPLICATION TEMPERATURE RANGE: 50 F TO 105 F.

RECOMMENDED BOND TEMPERATURE RANGE: - 20 F TO 160 F.

CLEAN-UP: Uncured epoxy mixes can be dissolved with MEK, Toluene or Xylene. Cured epoxy is very difficult to remove, but extended soaking (days) in MEK will soften most cured epoxy. Keep material and solvent off skin with protective gloves.

SHELF LIFE: Guaranteed one (1) year when stored in sealed containers at temperatures between 50 - 90 F. Part A subject to crystallization when stored in intermittent cool temperatures for prolonged periods.

SHIPPING WEIGHTS: Applies to both Part A and Part B.

10 lb. pails approx. 1 gallon

50 lb. pails approx. 5 gallons

500 lb. drums approx. 50 gallons

COVERAGE: 100 to 200 buttons/gallon (4" round)

100 buttons/gallon (4" square)

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