

EAS-8 Epoxy Adhesive System

Grade 1 Class A Cold Weather
Grade 2 Class C Warm Weather

DESCRIPTION:

EAS-8 is a two part epoxy polysulfide rubber adhesive designed to bond hardened concrete and other materials to hardened concrete (Type I), freshly mixed concrete to hardened concrete or asphalt (Type II), and for bonding skid resistant materials to hardened concrete, as well as a binder in epoxy mortars or epoxy concrete (Type III). Both of the above products meet all three Type I, Type II and Type III requirements.

Designations of EAS-8 are in accordance with ASTM C881-83/ AASHTO M235- 86 specifications.

Grade 1 - Low Viscosity (less than 2,000cps)
Grade 2 - Medium Viscosity (2,000 to 10,000cps)
Grade 3 - Non-Sagging Consistency

Class A - For use above 32 F (0 C)
Class B - For use above 40 F (4.5 C)
Class C - For use above 60 F (15.5 C)

This product is also used as coat steel rebar to improve adhesion and vibration resistance when concrete is poured around same.

In all EAS-8 Epoxy Adhesive Systems, Part A has a small amount of white pigment and Part B has a small amount of black pigment to aid the user in preparing a thorough mixture. Cured (hard surfaces) may be damp (but not wet).

SPECIFICATIONS:

Washington State Department of Highways	Section 9.26.1 Type I & II
State of California Specification	804D-01F-03
Corps of Engineers	CRD-C-590-74
	CRD-C-591-73
ANSI/ASTM	C881-78
AASHTO	M235- 86

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Recommendations for the use of this product are based on tests believed to be reliable. However, since the use of this product is beyond our control, no guarantee or warranty of any kind express or implied is made with respect to information presented and QCM Co. assumes no responsibility for the results of the use of this product and processes described.

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TYPICAL PHYSICAL PROPERTIES:

<u>Property</u>	<u>Method</u>	<u>Value</u>	
Mix ratio (2:1 by weight)	Part A	2	
Mix ratio (2:1 by volume)	Part B	1	
Color	Part A	White	
	Part B	Black	
Weight Per Gallon	Part A	9.5	
	Part B	10.0	
Viscosity @ 77°F (cps)	Brookfield	Grade 1 Class A	1300-1700 cps
		Grade 2 Class C	7500 cps

WORKING TIME/CURING SCHEDULE:

Cure Schedule 72°F							
	Pot Life	1 HR	2 HR	4 HR	8 HR	24 HR	7 Days
Grade 1 Class A	20 Min	SOFT	MED	FIRM	A-65	D-64	D-65
Grade 2 Class C	30-35 Min	LIQ	LIQ	GEL	A-50	D-79	D-79

- **Pot life time is reduced by 50% for every 18 °F increase in temperature.**
- **Cured properties based on 40 mil film.**

CHEMICAL RESISTANCE:

<u>Excellent</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>
Water	Xylene	20 % nitric acid	MEK
Detergent		10 % acetic acid	
10 % sodium hydroxide			
10 % sulfuric acid			
Gasoline			
Oils			

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RECOMMENDATIONS:

DIRECTIONS/APPLICATION: Thoroughly mix part A and part B until a consistent grey color with no streaks of color can be seen. Mix in clean containers and do not mix fresh epoxy with cured epoxy. Best results when surface is dry, clean, solid and free from alkalinity. Do not use at temperatures below 50 °F.

CLEAN-UP: Toluene, MEK OR Blended Epoxy cleaning solvents.

CAUTIONS: Avoid contact with skin and eyes. In the event of contact, wash off skin with soap and water as soon as possible. Wash eyes thoroughly with water and consult a physician. See MSDS for further information .Do not allow product to freeze.

SHELF LIFE: One year guaranteed in unopened containers.

PACKAGING: Quarts, (1) Gallon Pails, (5) Gallon Pails and Drums.

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