

SCB CONCRESlVE® 1446

Rapid setting paste epoxy

DESCRIPTION:

SCB CONCRESlVE® 1446 is a two-component, thixotropic, rapid setting epoxy adhesive.

RECOMMENDED FOR:

- Surface seal for cracks prior to injection

FEATURES/BENEFITS:

- Fast cure
- Low odor during cure
- Bonds to “can’t dry” surfaces

PACKAGING/ESTIMATING:

SCB CONCRESlVE 1446 is packaged in 1 and 5 U.S. gal (3.8 and 19 L) units.

Coverage Rates are as follows:
Smooth surfaces - 12 ft²/gal (0.29 m²/L).

PERFORMANCE DATA¹:

Mix Ratio, by volume

2:1

Form

Paste

Color	Part A White	Part B Black	Mixed Gray
Density, lb/gal	11.3	9.2	10.9
Pot Life, minutes 8 to 12			100 g. mass
Concrete Pullout (Elcometer), psi	Hours	46 °F (8 °C)	73 °F (23 °C)
	1	NC	300 AF
	1.5	NC	500 CF
	2	NC	—
	3	NC	—
	4	300 AF	—
	5	500 CF	—
Slant Shear Strength, psi	Hours	46 °F (8 °C)	73 °F (23 °C)
	1.5	—	2100 AF
	2	—	5400 CF
	3	—	—
	5	2125 AF	—
	6	3150 AF	—
	7	4000 CF	—

NC = No Cure

AF = Adhesive Failure

CF = Concrete Failure

LIMITATIONS:

- Application Temperature Range is 50 °F to 105 °F (4 °C to 41 °C).
- Shelf Life is 18 months minimum when stored at temperatures between 40 °F and 90 °F (4 °C to 32 °C).
- Do not add water or solvents to epoxy components.
- Mixed epoxy is much easier to clean up before it hardens - solvents such as acetone, methyl ethyl ketone (MEK) or toluene may be used. Commercial epoxy strippers such as CONCRESlVE 6003 or commercial solvents are recommended for hardened epoxy. Consult solvent manufacturer’s usage recommendations.
- Ensure adequate ventilation. Wash thoroughly after handling. The use of barrier creams is recommended. Clean rubber gloves or disposable polyethylene gloves should always be worn.

RELATED BULLETINS:

SCB CONCRESlVE 1446 – Material Safety Data Sheet
Master Builders Specification Bulletin 6S2

¹ Properties listed on this data sheet are typical and descriptive.

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