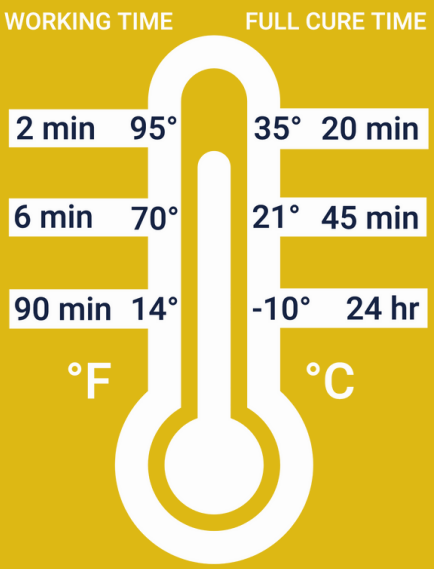
YOU ASKED AND WE LISTENED.

Introducing SRS-2100 Rapid cure concrete repair paste.

Designed and Tested for Crack Repair, Void Filling & Port Setting Applications.



MADE IN THE USA

- Tested to ICC-ES AC308 and ACI 355.4
- Performs in dry damp or water-filled conditions.
- Withstands Freeze Thaw Cycles
- Full cure in 45 minutes at 70 °F (21 °C)
- Installation temperature range 14 °F to 104 °F (-10 °C to 40 °C)

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STRUCTURAL REINFORCEMENT SOLUTIONS

SRS-2100

CONCRETE REPAIR PASTE

A high performance structural paste designed for concrete and masonry repair. The rapid cure two-component formula is ideal for filling voids in cracked concrete, setting injection ports and anchoring rebar. SRS-2100 is tested to ICC-ES, AC308 and ACI 355.4 to deliver ultimate versatility in wet or dry environments under a wide temperature range.

FEATURES & ADVANTAGES

- High strength, all weather formula for installations between 14 °F to 104 °F (-10 °C to 40 °C)
- Sets in 6 mins at 70 °F (21 °C)
- Service temperature range between 14 °F to 248 °F (-10 °C to 120 °C)

APPLICATIONS

- Anchoring injection ports and rebar, void filling, and crack pasting in concrete and masony.
- For use in cracked, or un-cracked concrete in horizontal, vertical or overhead applications.
- Threaded rod anchoring and rebar doweling in wet or water-filled conditions

APPROVALS AND CERTICATIONS

- Tested to ICC-ES, AC308 and ACI 355.4

APPLICATION TEMPERATURE

- 14 °F to 104 °F (-10 °C to 40 °C)

COLOR AND RATIO

- Part A (Resin) light beige: Part B (Hardener) Black, Mixed Ratio: 10:1 by volume. Mixed Color: Gray

STORAGE AND SHELF LIFE

- 18 month shelf life when stored in unopened containers in dry conditions
- Store between 41 °F (5 °C) and 77 °F (25 °C)

TECHNICAL DATA

CURE SCHEDULE

Table #: SRS-2100 Cure Schedule [1,2,3,4]

Base Material Temperature ^{0}F / (^{0}C)	Working Time (Min)	Full Cure Time (Hr/Min*)
14 / (-10)	90	24
23 / (-5)	90	14
32 / (0)	45	7
41 / (5)	25	2
50 / (10)	15	90*
70 / (21)	6	45*
86 / (30)	4	25*
95 / (35)	2	20*
104 / (40)	1.5	15*

For SI: ^{0}F = ^{0}C x 9/2 + 32

1.) Working and full cure times are approximate, may be linearly interpolated between the listed temperatures
2.) For installations between 12 °F to 23°F (-10 0C to 24 0C) the cartridge temperature must be conditioned to between 70 °F to 75 °F(21 °C to 24 °C).
3.) Application Temperature: Substrate and ambient air temperature should be from 14 °F to 104 °F (-10 °C to 40
4.) Storage Temperature is 41 °F to 77 °F (5 °C to 25 °C).

LIMITATIONS

For anchoring applications, concrete should be a minimum of 21 days old prior to anchor installation per ACI 355.4
Do not thin with solvents, as this will prevent cure

MATERIAL SPECIFICATION

Table #: SRS-2001 performance to ASTM C881-15[1,2,3]

Property	Cure Time	ASTM Standard	Units	Sample Conditioning Temperature			
				Class A	Class B	Optional	Class C
Gell Time - 60 Gram Mass [4]	---	C881	min.	16	8	5	5
Consistency/Viscosity	---	C881	---	non-sag			
Compressive Yield Strength	7 Day	D695	psi	12,820	13,490	11,430	11,830
			(MPa)	(88.4)	(93.0)	(78.8)	(81.6)
Compressive Modulus			psi	497,300	491,600	374,400	299,100
			(MPa)	(88.4)	(93.0)	(78.8)	(81.6)
Tensile Strength [5]		D683	psi	2510			
			(MPa)	(17.3)			
Tensile Elongation [5]			%	0.9			
Bond Strength Hardened to Hardened Concrete	2 Day	C882	psi	2,530	2,440	2,320	2,600
			(MPa)	(17.4)	(16.8)	(16.)	(17.9)
	14 Day		psi	1,870	3,020	2,940	3,130
			(MPa)	(88.4)	(93.0)	(78.8)	(81.6)
Bond Strength Fresh to Hardened Concrete			psi	2510			
			(MPa)	(17.3)			
Heat Deflection Temperature	7 Day	D648	^{0}F	192			
			^{0}C	(89)			
Water Absorption	14 Day	D570	%	0.74			
Linear Coefficient of Shrinkage	48 Hr	D2566	%	0.005			

1) Product Testing Results based on representative lot(s). Average results will vary according to the tolerances of the given property.
2.) Full cure is listed above to obtain the given properties for each product characteristic.
3.) Result may vary due to environmental factors such as temperature, moisture, and type of substrate.
4.) Gel time may be lower than the minimum required for ASTM C881 Type I and IV
5.) Optional testing for Grade 3 systems

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