

SELECTION & SPECIFICATION DATA

Type	Epoxy Polysulfide
Description	Novocoat EP2920 Flexible Paste is a trowel applied flexible paste designed for applications requiring high elongation in moderate chemical environments. It is a two component elastomer which is designed to handle moisture, mildly acidic or mildly alkaline environments. Novocoat EP2920 will provide an excellent level of protection for expansion joints and cracks in concrete, freeze thaw dynamics.
Features	<ul style="list-style-type: none"> • 100% solids, no VOCs • Excellent impact resistance and corrosion protection • Outstanding elongation - 230%
Color	Dark gray

SUBSTRATES & SURFACE PREPARATION

All	To optimize performance, take considerable care with surface preparation
Metal	Remove all oil, grease, or scale from the surface, and then blast to sharp angular profile. Use a non-spherical blast medium to give a 2 – 3 mil (50 – 75 micron) profile and to achieve the following surface preparation standards or their equivalents
Steel	<p>Immersion: SSPC-SP10 Near White Metal Blast with angular profile of 2.5 – 3.5 mils.</p> <p>Non-immersion: SSPC-SP6 Commercial Blast with angular profile of 1.5 – 3.0 mils, SSPC-SP2 Hand Tool or SSPC-SP3 Power Tool Cleaning are suitable for mild environments.</p>
Concrete	Concrete should be aged at least 28 days before coating and the surface should be clean, dry and free of form-release agents, silicone water-proofers and/or curing agents. Grit blasting or scarification is recommended. Surface profile should be equivalent to 50 grit sandpaper finish. Wash down old concrete to remove all residues and neutralize the pH before blasting or scarifying. For severe service, a second wash is recommended.
Primer	<p>Novocoat products are self-priming on metallic substrates. However, on concrete, pinholes and blisters. Novocoat SC1100 Concrete Primer is recommended to avoid bubbling caused by out gassing and to increase overall adhesion when this product is used as a flexible basecoat. Primer is not required when used as an expansion joint filler.</p> <p>Novocoat SC1100 Concrete Primer is required 7 to 28 day old concrete. Two coats of Novocoat SC1100 Concrete Primer may be needed on high air entrained concrete.</p>

MIXING & THINNING

Mixing	For optimal handling, warm cool material to 70°F (21°C) prior to mixing. Mix equal parts of the resin and hardener thoroughly until color of material is uniform and free of streaks.
Pot Life	35 minutes at 75°F (22°C)

APPLICATION EQUIPMENT GUIDELINES

Trowel	Apply with bulk caulk gun, trowel, putty knife or other appropriate tool. Dip in solvent to reduce sticking.
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CLEANUP & SAFETY

Cleanup	MIBK and Butyl Acetate (50/50) or MEK
Safety	Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.

PACKAGING, HANDLING & STORAGE

Shelf Life	3 months at 75°F (24°C) when kept at recommended storage conditions and in original unopened containers.
Package Sizes & Shipping Weight	2 x 1 gallon pails: 18 lbs
Storage Temperature & Humidity	40°F – 80°F (4°C – 27°C) 0 – 100% relative humidity

PERFORMANCE DATA

TEST METHOD	RESULTS
Elongation at 1/8 in thickness	>230%
Specific gravity	Resin 1:22 Hardener 0.98

CURE SCHEDULE & RECOAT WINDOW

Recoat window at 75°F (24°C)	2 – 24 hours
Tack free at 75°F (24°C)	5 hours
Light traffic at 75°F (24°C)	24 hours
Full cure at 75°F (24°C)	7 days

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