

## SELECTION & SPECIFICATION DATA

<b>Type</b>	Epoxy Polysulfide
<b>Description</b>	Novocoat EP2900 Flexible Paste is a trowel applied flexible paste designed for applications requiring high elongation in moderate chemical environments. It is a two component elastomer designed to handle moisture, mildly acidic or mildly alkaline environments. Novocoat EP2900 Flexible Paste will provide an excellent level of protection for expansion joints and cracks in concrete subject to freeze-thaw dynamics.
<b>Features</b>	<ul style="list-style-type: none"> <li>• 100% solids, no VOCs</li> <li>• Excellent impact resistance and corrosion protection</li> <li>• Outstanding elongation - 230%</li> </ul>
<b>Uses</b>	<ul style="list-style-type: none"> <li>• Concrete expansion joint sealant</li> <li>• Concrete crack filler</li> <li>• Concrete sawcut joint filler</li> <li>• Caulk around metal supports anchored to concrete</li> </ul>
<b>Color</b>	Dark gray

## SUBSTRATES & SURFACE PREPARATION

<b>All</b>	Substrate must be clean, dry and free of contaminants.
<b>Steel</b>	<p>Immersion: SSPC-SP 10/NACE 2 Near White Metal Blast with angular profile of 2.5 – 3.5 mils.</p> <p>Non-immersion: SSPC-SP 6/NACE 3 Commercial Blast with angular profile of 1.5 – 3.0 mils, SSPC-SP 2 Hand Tool or SSPC-SP 3 Power Tool Cleaning are suitable for mild environments.</p> <p>Self-priming on steel.</p>
<b>Concrete or Concrete Masonry Units (CMU)</b>	Concrete must be cured a minimum of 7 days at 75°F (24°C) and 50% relative humidity or equivalent. Prepare surfaces in accordance with SSPC-SP 13/NACE 6. Required surface profile is CSP 3-5. Voids in concrete surfaces may require filling. Mortar joints should be cured a minimum of 15 days. Prime with Novocoat SC1100 Concrete Primer.

## MIXING & THINNING

<b>Ratio</b>	1A:1B by volume
<b>Mixing</b>	Mix equal parts of the resin and hardener thoroughly until a color of material is uniform and free of streaks.
<b>Thinning</b>	Do not thin.
<b>Pot Life</b>	35 minutes at 75°F (22°C)
	Pot life is shorter at higher temperatures. A larger volume of mixed material will have a shorter pot life than a smaller volume.
<b>Cleanup</b>	MIBK and Butyl Acetate (50/50) or MEK

## APPLICATION GUIDANCE

<b>Conditions</b>	Substrate surface temperature 50°F – 140°F (10°C – 60°C) and at least 5°F (3°C) above the dew point and rising. If surface temperature is above 140°F (60°C), consult ErgonArmor Technical Service for guidance.
<b>Trowel</b>	Apply with bulk caulk gun, trowel, putty knife or other appropriate tool. Dip tools in solvent to reduce sticking.

## 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

## SAFETY

<b>Safety</b>	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.
<b>Ventilation</b>	Provide thorough air circulation during and after application until the material has cured when used in enclosed areas.

## PACKAGING, ESTIMATING & HANDLING

ITEM #	PRODUCT	PACKAGING
M-EP2920-2GLKT-01	Novocoat EP2900 Flexible Paste Kit, Dark Gray	20.9 lb (9.4 kg) Kit
	- Part A Resin, White	11.7 lb (5.3 kg) Pail
	- Part B Hardener, Black	9.2 lb (4.2 kg) Pail

<b>Theoretical Coverage</b>	One kit contains 0.26 ft <sup>3</sup> of mixed paste. This will theoretically cover about 75 lf at 1-inch x 1/2-inch as joint filler or 25 square feet at 1/8-inch thickness. Allow for loss in mixing and application.
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<b>Storage &amp; Shelf Life</b>	Maintain product in original packaging and sealed until ready for use. Estimated shelf life is 3 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions. Do not store below 40°F (4°C) or above 110°F (43°C).
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If there is any question with respect to the quality of the components, check reactivity prior to use. Consult ErgonArmor Technical Service for assistance.

**TYPICAL PHYSICAL PROPERTIES**

PROPERTY	VALUE
Elongation at 1/8 in thickness	>230%
Specific gravity	Resin 1:22 Hardener 0.98

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