

PRODUCT PROFILE

EP2920 is a trowel applied flexible paste designed for applications requiring high elongation in moderate chemical environments. EP2920 is a two component elastomer which is designed to handle moisture, mildly acidic or mildly alkaline environments. EP2920 will provide an excellent level of protection for expansion joints, cracks in concrete, in heaving soils, sealing joints and cracks, and against freeze thaw dynamics.

FEATURES AND BENEFITS

- 100% Solids, No VOCs
- Excellent impact resistance and corrosion protection
- Outstanding elongation - 230%

CHEMICAL RESISTANCE

- | | |
|--------------------------------|---------------------------------|
| • Acetic Acid up to 8% | • Mineral Spirits |
| • Ammonium Hydroxide up to 25% | • Nitric Acid up to 10% |
| • Brine | • Potassium Hydroxide up to 50% |
| • Copper Sulfate | • Sodium Hydroxide up to 50% |
| • Hydrochloric Acid up to 36% | • Sulfuric Acid up to 50% |
| • Hydrogen Sulfide | |

PHYSICAL PROPERTIES

Color	Dark Gray
Container Size	2 x1 gallon pails
Elongation at 1/8"	Greater than 100%
Mix Ratio by Volume	1:1 (Resin : Hardener)
Suggested Application Method	Trowel
Weight per Gallon	9.17 lbs
Specific Gravity	Resin 1.22 ; Hardener 0.98
Pot Life at 70°F (21°C)	1 hour
Cure Time at 75°F or 21°C:	
Tack Free	5 hours
Light Traffic	24 hours
Full Cure	7 days
Re-Coat Window	2 to 24 hours

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exothermic heat created during the curing process will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".

SURFACE PREPARATION

Note: For optimal coating 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:

Non-chemical Service	SSPC-SP 6 Commercial Blast (NACE 3)
Intermittent Splash or Wear	SSPC-SP 10 Near White Metal Blast (NACE 2)
Immersion or Abrasive Service	SSPC-SP 5 White Metal Blast (NACE 1)

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.

Novocoat products are self-priming on metallic substrates. However, on concrete, the sealer/primer. SC1100 is recommended to avoid bubbling caused by out gassing and to increase overall adhesion.

SC1100 primer is required on concrete that is younger than 28 days. SC1100 primer can be applied to concrete that has aged a minimum of 7 days. Two coats of SC1100 may be needed on high air entrained concrete.

MIXING PROCEDURES

Note: Do not mix partial kits.

1. Empty the entire amount of hardener into the resin container.
2. Mix thoroughly until uniform in consistency, continue mixing for an additional 2-3 minutes. Pay special attention to the bottom and sides of the container to insure complete mixing. Due to the high viscosity of this product, a mechanical mixer is preferred. Use at low speed and keep the mixing blade down in the product to avoid entrapping air.

APPLICATION

Apply EP2920 with a trowel, putty knife or other appropriate tool. When working with EP2920, dip the trowel or other tools in ethanol or a mixture of ethanol and water to reduce sticking.

CLEAN UP

Use a mixture of MIBK and Butyl Acetate (50/50) or MEK for cleanup. Be sure to read MSDS for any of these products before using. Skin may be cleaned with denatured alcohol, preferably ethanol.

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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. While statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user. Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com

ORDERING INFORMATION

For additional information, prices or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.