

## SELECTION & SPECIFICATION DATA

<b>Type</b>	Self-leveling Epoxy Flooring
<b>Description</b>	Novocoat Novofloor is a versatile self-leveling resin topcoat or binder for decorative quartz broadcast and trowel-down flooring systems. It is 100% solids, fast-setting and moisture tolerant and offers good UV stability, impact and wear resistance for warehouses, food prep rooms, showrooms, utility rooms and more.
<b>Features</b>	<ul style="list-style-type: none"> <li>• 100% solids, no VOCs</li> <li>• Good UV stability among epoxies</li> <li>• Excellent impact resistance and chemical resistance</li> <li>• Excellent durability</li> <li>• High gloss</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li>• Warehouses</li> <li>• Food processing/packaging</li> <li>• Automotive service bays</li> <li>• Motor Control Centers (MCC)</li> </ul>
<b>Color</b>	Light gray, dark gray, white, clear
<b>Finish</b>	Gloss
<b>Dry Film Thickness (DFT)</b>	10 – 25 mils; target thickness is 20 mils
<b>Solids Content</b>	100% solids by volume

## SUBSTRATES & SURFACE PREPARATION

<b>All</b>	Substrate must be clean, dry and free of contaminants.
<b>Concrete</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.
<b>Previously Painted Services</b>	Consult ErgonArmor Technical Service.

## MIXING & THINNING

<b>Mixing</b>	Do not mix partial kits. Power mix separately, then combine and power mix.
<b>Thinning</b>	Spray: Up to 6.5 oz/gal (5%) with Novocoat TH1710 Thinner Brush: Up to 16 oz/gal (12%) with Novocoat TH1710 Thinner Roller: Up to 16 oz/gal (12%) with Novocoat TH1710 Thinner

<b>Pot Life</b>	1 – 1 1/2 hours at 40°F (4°C) 40 – 45 minutes at 75°F (24°C) 20 – 27 minutes at 92°F (33°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>	MEK or Acetone
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## APPLICATION GUIDANCE

<b>Spray Application Guide</b>	The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.
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<b>Airless Spray Single Leg or Hot Pot</b>	Pump Size: 65:1 or greater Output: 3500 – 5500 psi, filter removed Hose Length: 50 ft x 3/8 in ID Whip Length: 10 ft x 1/4 in ID
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<b>Roller or Squeegee</b>	Use flexible serrated 3/16 in squeegee and spiked roller. High quality, shed resistant 1/4 in nap mohair rollers designed for epoxy are also recommended.
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<b>Multiple Coats</b>	Second and subsequent coats must be applied within recoat window. If additional coats are needed after recoat window, brush blast before applying the next coat. Small areas may be abraded by sanding or wire brushing.
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## CURE SCHEDULE & RECOAT WINDOW

Recoat window at 70°F (21°C)	4 hours
Light loading at 70°F (21°C)	5 hours
Immersion (aqueous) service at 70°F (21°C)	3 days
Full or chemical service at 70°F (21°C)	7 days

Return-to-service will vary with chemical exposure. Consult with ErgonArmor Technical Service for guidance.

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

**Theoretical Coverage** 80 square feet per gallon at 20 mils. Allow for loss in mixing and application.

**Package Sizes** Clear, 1 gal (3.7 L) Kit  
 - Part A Resin Clear, 0.74 gal (2.8 L) Pail  
 - Part B Hardener, 0.24 gal (0.9 L) Bottle  
 Item #: M-SF1000-1GLKT-01

Clear, 4 gal (15 L) Kit  
 - Part A Resin Clear, 3 gal (11 L) Pail  
 - Part B Hardener Clear, 1 gal (3.8 L) Pail  
 Item #: M-SF1000-4GLKT-01

Light Gray, 0.9 gal (3.4 L) Kit  
 - Part A Resin Light Gray, 0.67 gal (2.5 L) Pail  
 - Part B Hardener Clear, 0.23 gal (0.9 L) Bottle  
 Item #: M-SF1510-1GLKT-01

Light Gray, 4 gal (15.1 L) Kit  
 - Part A Resin Light Gray, 3 gal (11.3 L) Pail  
 - Part B Hardener Clear, 1 gal (3.8 L) Pail  
 Item #: M-SF1510-4GLKT-01

Dark Gray, 0.9 gal (3.4 L) Kit  
 - Part A Resin Dark Gray, 0.67 gal (2.5 L) Pail  
 - Part B Hardener Clear, 0.23 gal (0.9 L) Bottle  
 Item #: M-SF1520-1GLKT-01

Dark Gray, 4 gal (15.1 L) Kit  
 - Part A Resin Dark Gray, 3 gal (11.3 L) Pail  
 - Part B Hardener Clear, 1 gal (3.8 L) Pail  
 Item #: M-SF1520-4GLKT-01

White, 0.9 gal (3.4 L) Kit  
 - Part A Resin White, 0.67 gal (2.5 L) Pail  
 - Part B Hardener Clear, 0.23 gal (0.9 L) Bottle  
 Item #: M-SF1560-1GLKT-01

White, 4 gal (15.1 L) Kit  
 - Part A Resin White, 3 gal (11.3 L) Pail  
 - Part B Hardener Clear, 1 gal (3.8 L) Pail  
 Item #: M-SF1560-4GLKT-01

Part B Hardener supplied with Part A Resin Light Gray, Dark Gray, and White may be used interchangeably, but not with Part A Resin Clear. Use Part B Hardener supplied with Part A Resin Clear with clear resin only.

**Storage & Shelf Life** Maintain products in original packaging and sealed until ready for use. Estimated shelf life is 12 months when stored in a dry area at 70°F (21°C). Actual shelf life may vary with storage conditions.

If there is any question with respect to the quality of the components, check reactivity prior to use. For assistance consult with ErgonArmor.

## TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE
Flash point	Resin: Greater than 200°F (93°C) Hardener: Greater than 213°F (101°C)
Specific gravity	Resin: 1.68 Hardener: 0.96
VOC	0 grams/liter
Hardness Shore D	80

## SERVICE TEMPERATURE

SERVICE	MAXIMUM TEMPERATURE
Dry	220°F (104°C)

Temperature limitations will vary with chemical exposure. Consult ErgonArmor Technical Service for guidance.

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