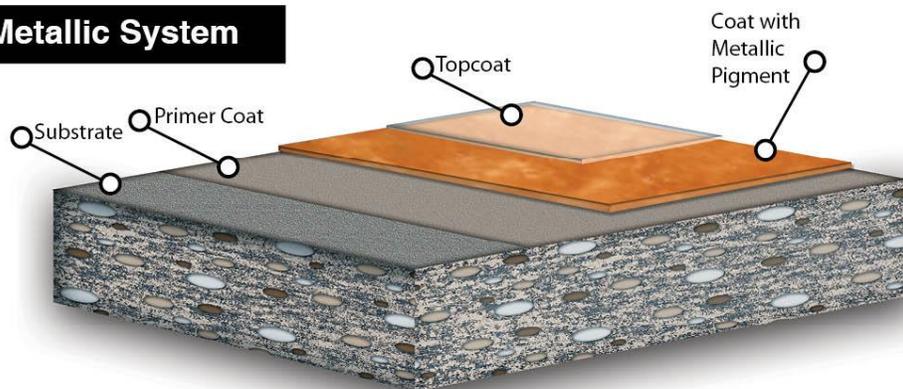


Metallic Epoxy System

Metallic System



Metallic Coating System creates a stunning look that can resemble a marbled three dimensional surface. A metallic pigment powder is added to a clear coating resin binder to obtain a variety of decorative looks. **The system described is our standard system, we have several other product options available that provide various benefits including, but not limited to, low odor or low VOC products. Consult your sales representative for details.**

BENEFITS

- Creates a unique one of a kind look
- Random patterns can be achieved depending on the creativity and experience of the installer
- Colors can be intermixed; allowing unlimited color variations
- Great for a variety of residential, commercial and retail applications

RECOMMENDED FOR

- Offices
- Retail Areas
- Hospitality Industry
- Bars and Restaurants
- Garages/Basements

SYSTEM COMPONENTS (approx 25 to 33 mils)

Coat	Product	Mix	Coverage
Primer	707lpv High	2:1	133-267
	Build Primer		sf/gal
Body	137M Seamless	2:1	60 to 80
	Binder		sf/gal
	w/Metallic Pigment		
Wear	359 High Wear Urethane	See data	600 sf/gallon

Multiple Options Available

**Refer to individual data sheets for preparation, mixing and application instructions as well as product limitations, limitations of liability, warranty information and common chemical resistance information.*

PHYSICAL PROPERTIES

Property	Test Method	Result
Adhesion		430 psi (concrete failure)
Flexural Strength	ASTM D790	7,400 psi
Compressive Strength	ASTM D695	11,200 psi
Tensile Strength	ASTM D638	7,600 psi
Elongation		4.1%
Impact Resistance		50 inch lbs. Direct
Abrasion Resistance	CS-17 1000/500	15-20 mg
Gloss	Glossmeter	20-40 @ 60°
Application Temp.		60° to 90° F

**Typical values and not specifications
See individual component product data sheets for specific product properties.*

We also have available several crack fillers, joint sealant and other support products. Please inquire with your sales representative for more information on these products.

METALLIC EPOXY SYSTEM APPLICATION INSTRUCTIONS (See individual data sheets for complete details)

PRODUCT STORAGE: Refer to individual data sheets.

SURFACE PREPARATION: Surface preparation will vary according to the type of system to be applied. For a complete system build higher than 10 mils dry, we recommend a fine brush blast (shot blast). All dirt, oil, dust, foreign contaminants & laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause disbanding.

PRIMER MIXING: This product has a mix ratio of 12# part A to 3.85# part B for standard colors. Standard packages are in pre-measured kits and should be mixed as supplied in the kit. We recommend that the kits not be broken down unless suitable weighing equipment is available. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. After mixing, transfer the mixed material to another pail (the transfer pail) and again remix. The material in the transfer pail is now ready to be applied on the substrate. Improper mixing may result in product failure.

PRIMER APPLICATION: This product is only intended as a high solids primer suitable for most substrates. However, if the surface is very porous, then a lower solids primer might be more suitable to reduce the possibility of air release problems occurring. The mixed material can be applied by brush, or roller. However, the material can also be applied by a suitable serrated squeegee and then back rolled as long as the appropriate thickness recommendations are maintained. Maintain temperatures & relative humidity within the recommended ranges during the application & curing process. If concrete conditions or over aggressive mixing causes air entrapment, then an air release roller tool should be used prior to the coating tacking off to remove the air entrapped in the coating. Thinner applications will not level as well as higher build applications.

TOPCOATING THE PRIMER: When topcoating this product, be sure that the coating has tacked off before topcoating can commence. Before topcoating, check the coating to verify no epoxy blushes were developed (a whitish, greasy film or deglossing). If a blush is present, it must be removed prior to topcoating. A standard type detergent cleaner can be used to remove any blush.

METALLIC PIGMENT ADDITION: (1) 4 OZ container of Metallic Color Pigment for each mixed 1 to 1.5 gallon, dependent on the opacity desired. Mix the pigment into Part A (Resin). Mix well with a slow speed mixing equipment to avoid mixing in air.

BODY COAT MIXING: After the pigment has been added and thoroughly combined to Part A, mix product as follows: This product has a mix ratio of 9.0# part A to 4.15# part B. Standard packages are in pre-measured kits and should be mixed as supplied in the kit. We recommend that the kits not be broken down unless suitable weighing equipment is available. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. After

mixing, transfer the mixed material to another pail (the transfer pail) and again remix. The material in the transfer pail is now ready to be applied on the primed substrate. Improper mixing may result in product failure.

BODY COAT (BUILD COAT) APPLICATION: The mixed material can be applied by brush, roller or a serrated squeegee and then back rolled as long as the appropriate thickness recommendations are maintained. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. If concrete conditions or over aggressive mixing causes air entrapment, then an air release roller tool should be used prior to the coating tacking off.

****NOTE:** To achieve different decorative appearances and effects, application techniques will vary. This system is more of an artistic application, with no two floors looking alike. See metallic pigment tech data for various techniques of application.

TOPCOAT (Wear Coat) PRODUCT MIXING: This product has three components. The part A should be mixed with the part B thoroughly and then the part C should be added and mixed in well to insure a uniform mixture. The kits come prepackaged and should be used in their entirety and should not be broken down. After the three parts are combined, mix extremely well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Avoid whipping air into the coating. Improper mixing may result in product failure. Once the material is opened, it cannot be re-sealed for later use.

TOPCOATING BODY COAT (BUILD COAT): It is important that the epoxy basecoat is sanded until the surface is de-glossed. Pour the mixed material into the application tray. Apply at the rate of 600 square feet per gallon in a uniform manner with a 3/8" nap roller. For uniform appearance, it is critical that the material is not applied thicker than this application rate. Dip the roller in the coating and roll out excess material in the roller tray prior to the actual application to the substrate. Overlap subsequent passes being sure no excess material is applied when overlapping. Make sure the floor has just enough material to cover evenly in a thin application. Finally, re-roll the area in the opposite direction of the first pass applications to level and even the application. The final re-rolling for the entire floor should be in the same direction. Remix the material in the application tray to maintain a uniform mix throughout the application process. If the appearance is not satisfactory, re-roll until the area is uniform in appearance. It is almost impossible to over-roll this material. The last step in the application process (wearing spiked shoes) is to pull the roller tool across the entire slab in one direction without applying any pressure and repeating this process by overlapping until the entire slab has been re-rolled. This will help blend in any roller and overlap marks. Maintain temperatures and humidity within the recommended ranges during the application and during the curing process. It is best to maintain a wet edge to avoid roller marks. Direct sunlight or high temperatures may cause visible roller marking during application. Too thick of an application may result in solvent entrapment and product failure. The Surface must be dry before the application of this product.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Listed physical properties are typical and should not be construed as specifications. **NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.** We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may **CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.**

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