



Technical Data Sheet

455 Satellite Blvd
Suwanee, GA 30024

www.GranQuartz.com - Office: 800-458-6222

Surface Pro Coatings Epoxy LV

Description:

Epoxy LV is a self-leveling two component high gloss Metallic Floor System. Formulated to give application over an hour working time with extreme Lava like flow and leveling. Simple 2 to 1 mix ratio

Typical Applications:

Retail and Commercial Flooring

Garage and Showroom Floors

High-Traffic Interior Applications

Approved Topcoats:

Surface Pro Urethane WB. Also approved for wood and laminate counter tops.

Surface Prep & Priming:

Grind concrete floors to CSP-3, vacuum dust, wipe with Denatured alcohol. Apply Moisture Blok Epoxy Primer at spread rate of 150-180 sq. ft. per gallon. (See product label for further instruction.) Allow 12 hours to dry.

Mixing:

Add Part B to Part A Mix for 2 minutes with mechanical mixing. Wearing spike shoes immediately pour mixed material on the floor.

Metallic Pigments:

While mixing add one metallic pigment to 2 gallons of Surface Pro Epoxy LV Resin. Mix at low speed or two minutes. For best results let this mixture sit so powder can fully wet out. Let sit overnight then filter for best results. Then add Epoxy Hardener mix for additional 2 minutes. continually sweeping sides and bottom of container.

Application:

- Pour mixed material on the floor in 12" ribbons. While wearing spiked shoes back roll with lint-free 3/16" epoxy roller. If Metallic application, do not back roll move material using magic trowel. Add second color or spritz alcohol for moon-rock effects.

Coverage:

1 gallon will cover approximate

Metallic Floors 55-65 sq.ft./gal OR 25-30 MILS

Best if applied at temperatures between
55-90 degrees Fahrenheit



Epoxy LV applied at 55 sq. ft per gal or 25-30 mils



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Dry time & Recoat:

Tack free/foot traffic: 6-8 hrs. Recoat 12-24 hrs.
Heavy foot traffic 48 hrs. Vehicular Traffic 3 days.

Lightly sand the surface and wipe down with denatured alcohol or acetone before applying additional coats or finish coats.

Exterior Applications:

Not recommended .

Physical Properties:

Viscosity Mixed	Brookfield	300-400 cps
Shore-D Hardness	ASTM D2240	89-91
Compressive Strength	ASTM D695	16,500 psi
Adhesion to Concrete	ASTMD 4541	600psi
Tensile	ASTM D638	3850 psi
Flexural Modulus	ASTM D790	4700 psi
Koenig Hardness	ASTM D4366	145
Tabor Abrasion	ASTM D4060	22 mgs lost
Coefficient of Friction	ASTM 2047	< .60
VOC	< less than 50 grams/liter	

Chemical Resistance ASTM D-1308

Acetic Acid	Y
Acetone	N
Ammonia 30%	Y
Anti-Freeze	Y
Animal Urine	Y
Brake Fluid	Y
Chlorine	Y
Chromic Acid 10%	Y
Gasoline	Y
Hydraulic Fluid	N
Hydrochloric Acid 35%	N
Hydrofluoric Acid	N
Hydrogen Peroxide	Stain
Methyl Ethyl Ketone	N
Methanol	N
Methyl Chloride	N
Mineral Spirits	Stain
Motor Oil	Y
Mustard	Stain
Nitric Acid	N
Orange Juice	Y
Phosphoric Acid	Y

Silver Nitrate	Y
Skydrol	Stain
Sodium Hydroxide (Caustic)	Y
Sodium Hypochlorite (Bleach)	Y
Sulfuric Acid 10% (Battery Acid)	Y
Windshield Wiper Fluid	Y

Available Kit Sizes:

30-ounce, 3 gallon and 15 gal kits

Handling, Storage, Disposal & Clean-up:

May irritate eyes wear gloves

Store in clean dry area do not freeze

Dispose in accordance with all state local and federal laws

Clean-up tools and equipment with xylene

Regulatory

Less than 50 grams/liter

Meets all VOC categories in US and Canada

Contributes to Lead

Warranty: Material only if proven defective, no labor

