GENERAL DESCRIPTION

MegaSeal SL is a two component, 100% solids, high performance, self-leveling floor coating. This system provides a high gloss and a seamless hygienic surface that is extremely hard wearing and durable. Its film thickness can be varied to accommodate a wide range of flooring conditions and it possesses a high chemical resistance.

RECOMMENDED USES

Properly prepared concrete
Masonry
Previously coated surfaces
Wood Substrates

PACKAGING

1.5- Gallon (5.67L)
5-Gallon (18.9L)
0.5-Gallon (1.89L)

SAFETY

Proper safety procedures should be followed at all times while handling these products. Read labels and Material Safety Data Sheets (MSDS) for important health/safety and personal protective equipment information before use. MSDS are available through our website www.ppghpc.com or by calling 1-800-441-9695. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

PRODUCT CODE INFORMATION

99-6650	Neutral Base
99-6652	Pastel Base
99-6680	Haze Gray
99-6681	Deck Gray
99-6682	Tile Red
99-6683	Sandstone
99-6684	White
99-6685	Clear
99-6686	Crystal Clear
99-6694	Curing Agen for Tint Base
99-6695	Curing Agent for Colors
99-6696	Curing Agent for White
99-6697	Curing Agent for Clear
99-6698	Curing Agent for Crystal Clear

PRODUCT DATA

GLOSS:	Full Gloss
VOLUME SOLIDS*:	100%
VOC*:	0.03 lbs/gal, (3.6 g/L)
COVERAGE*:	160 sq. ft/gal (15 sq. m/3.78L)
DFT*:	10 mils 256 microns
WEIGHT/GALLON*:	10.4 lbs/gal. (4.7 kg) (based off components for colors)
MIXING RATIO:	Consult PPGAF Technical Service Department.
INDUCTION:	None
POT LIFE:	30 mins. @ 72°F (22°C)
FLASH POINT*:	200+°F (93°C)
VISCOSITY:	2700 cps (mixed colors); 600-800 cps (clear)
CLEAN UP:	Xylene, 97-727
SERVICE TEMPERATURE*:	180°F (82°C) Dry Heat Resistance
CURING SCHEDULE*:	Recoat- 8 hours minimum @ 72°F (22°C) @ 50% RH 72 hours maximum @ 72°F (22°C) @ 50% RH
Foot Traffic-	24 hours minimum @ 72°F (22°C) @ 50% RH
Heavy Service-	72 hours @ 72°F (22°C) @ 50% RH
Full Cure-	5 days @ 72°F (22°C) @ 50% RH

*These numbers are based on mixed components
Drying times listed may vary depending on temperature, humidity, color and air movement.

GENERAL SURFACE PREPARATION

(See Surface Preparation Bulletin for more detailed information.)

New Concrete: All surfaces must be firm, free of any laitance or efflorescence, clean free of any adverse moisture conditions, have an appropriate surface profile, and be well cured before coating. Newly poured concrete must age at least 30 days at temperatures over 70°F (21ºC) before coating. Form release agents, sealers, curing compounds, salts, hardeners and other foreign matter will interfere with adhesion and must be removed. Shot blasting, mechanical scarification, suitable chemical means, or sandblasting should be employed to prepare substrate.

Old Concrete: Coating older, uncoated concrete floors is done in much the same manner as new concrete. Before preparation the concrete surface must be thoroughly cleaned with a strong detergent to remove all grease, oils, etc. and all loose concrete must be removed. Holes and cracks should be filled with one of MegaSeal Crack Fillers before application of a coating. If surface deterioration presents an unacceptable rough floor, MegaSeal RS is recommended to patch and resurface damaged concrete.

Steel: Consult PPGAF Technical Service Department for specific recommendations.

Wood: Consult PPGAF Technical Service Department for specific recommendations.

Previously Painted Surfaces: If the paint is peeling or degrading in any way, it should be completely removed by sanding, blasting or stripping. If previous paint coating is completely intact, the surface may be cleaned with a strong detergent or solvent and scuff sanded to remove the gloss. A spot test should be done by applying a small amount of coating over the old paint. The old finish may wrinkle or lift within 60 minutes. If it does not, wait 5 days and test for adhesion and compatibility. Do this by cutting an "X" into the coating, placing tape firmly over the cut, then strip with a hard, fast pull. If the old finish fails, it must be removed.

Important - When recoating freshly applied MegaSeal SL (99-6680 series), it must be done no less than 8 hours after application of the previous coat and no more than 72 hours at 72°F (22°C) @ 50% RH. If this "window" has passed, the surface of the cured MegaSeal SL (99-6680 series) must be abraded to insure adhesion of subsequent coats.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

RECOMMENDED PRIMERS

Concrete/Wood:	1st coat: MegaSeal HSPC (99-6639/99-6640), MegaSeal WBPC (98-6634 or 98-6635/98-6636) or MegaSeal WBPG (98-6637/98-6638)
	2nd coat: MegaSeal SL (99-6680/99-6695 series)
Painted Surfaces in Sound Condition:	1st coat: MegaSeal WBPC (98-6634 or 98-6635/98-6636)
	2nd coat: MegaSeal SL (99-6680/ 99-6695 series)

MIXING AND APPLICATION INFORMATION

To mix 5 gallon (18.5L) units: Use appropriate electric or air mixer (approximately 250 rpm) with metal mixing blade. Premix resin for 1/2 minute then pour curing agent contents into short-filled resin can. Mix for 2 to 3 minutes moving blade around can while mixing. Avoid whipping air into material. It is strongly recommended that only full units be used, that both components are thoroughly mixed, and that all material from the bottom and sides of the container is mixed. We do not recommend using partial kits. **Do Not** scrape or drain mixing containers. **Do Not** reduce this material. Pour mixed material directly on the surface in a long puddle and spread using either a flat or a notched rubber squeegee, depending on film thickness requirements. An applicator wearing spiked shoes should then immediately backroll and cross roll the material with a quality "lint-free" 3/8" nap roller cover. Finish application by "laying off" in one direction. Check film thickness frequently. After a minimum of 15 minutes, but no longer

MIXING AND APPLICATION INFORMATION (cont.)

than 30 minutes set up time, material should be rolled with a spiked roller to remove any entrapped air. Do not spike roll after 30 minutes. If a anti-slip textures is desired, broadcast a clean, dry 30 to 50 mesh silica sand into the selected high build primer immediately after application. Broadcast sand until the primer is saturated (approximately 1/2 lb per sq. ft.) and only dry sand is showing. After the primer has set (6 hours minimum), sweep excess sand off the surface. Then topcoat with 15-25 mils of MegaSeal SL (99-6695 series). Lower topcoat thickness will produce more pronounced anti-slip profile, heavier topcoats will produce smoother profiles. Spike rolling is not necessary when MegaSeal SL (99-6680/99-6695 series) is applied as an anti-slip system.

To mix 1-gallon unit: use same procedure as a 5-gallon unit, except a smaller blade is required.

LIMITATIONS OF USE

Consult the surface preparation bulletin to determine appropriate surface test methods prior to application. For Professional Use Only; Not Intended for Household Use.

APPLICATION TEMPERATURES: 55°F minimum to 100°F maximum
(12°C minimum to 35°C maximum)
*Must be 5°F (3ºC) above dew point

RELATIVE HUMIDITY: 85% maximum

PPGAF believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.

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