Commercial Performance Coatings

CPCPB741

Anti-Skid Coating - Black

ASC-908

ASC-908 is a black, single component, epoxy ester, anti-slip floor and deck coating. This product has a high coefficient of friction and was designed for application in areas of pedestrian grade traffic. This light-duty safety coating is easy to apply and offers optimum adhesion to metal surfaces (a metal primer is recommended).

ASC-908 resists gasoline, oil, acids, alkalies and aliphatic solvents. Partially used containers may be resealed and used for future use.

Features and Benefits:

- Easy to apply
- One component
- Excellent adhesion to metal surfaces

Associated Products:

- ASC-908 Anti-Skid Coating – Black

Physical Constants:

All values are theoretical, depend on color and are Ready-to-Spray. Actual values could vary slightly due to manufacturing variability.

	ASC-908
Percent solids (by weight)	73%
Percent solids (by volume)	63.5%
Photo-chemically reactive	Yes
Volume Ratio:	As is
Applicable Use Category	Single-Stage Coating
VOC Actual	208 g/L 1.74 lbs/gal
VOC Regulatory (less water less exempt)	259 g/L 2.16 lbs/gal
Density	1738 g/L 14.50 lbs/gal
Volatiles wt.	27.0 %
Water wt.	0.0 %
Exempt wt.	15.0 %
Water vol.	0.0 %
Exempt vol.	19.4 %
Flashpoint	81°F (27°C)

PPG

ASC-908

Directions for Use

Substrate Preparation:

Steel: All surfaces must be dry, clean and free of all previous coatings, rust and surface contamination. Minimum surface preparation is abrasive blast to Commercial Grade SP-6. Blasted surfaces must be coated within 8 hours. Prior to blast cleaning, remove all deposits of oil or grease using Solvent Clean method SP-1. A metal primer is recommended.

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 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 or an appropriate barrier coat should be considered.

Mix Directions:

Mix Directions:	Using an air mixer with metal blade, mix ASC-908 1 to 2 minutes or until aggregate is well dispersed.
Thinning:	Not recommended
Blend Ratio:	As Is
Spray Viscosity Range:	Slurry consistency
Unopened Shelf Life:	2 years

Application Equipment:

Spray Application:	Not recommended
Roller/Squeegee/Trowel:	Using a trowel, squeegee, ¼" nap roller, or core roller – spread a puddle of ASC-908 evenly by pulling toward applicator. Press down on roller while avoiding a back and forth motion. Watch for thick, thin, or uneven spots and immediately pull roller over these areas.

Application:

Apply:	Application should be coordinated to keep a wet edge. Mix only enough material for immediate application. Apply only when air temperature is between 55°F and 95°F (12°C to 35°C) and at least 5°F (3°C) above dew point. Relative humidity must be less than 85%.
Recommended Wet Film Build:	0.8 – 1.6 mm (31.5 – 63.0 mils)
Recommended Dry Film Build:	0.5 – 1.0 mm (19.7 – 39.4 mils)
Square foot Coverage:	1 gallon provides 40 – 50 square feet of coverage at recommended film thickness.

Dry Times:

Air Dry @ 77°F 50% RH:

Foot Traffic:	24 Hours
Heavy Service:	48 Hours

Paint film is not fully cured for 7 days. Drying time listed may vary, depending upon film build, color selection, temperature, humidity and degree of air movement.

ASC-908

Technical Data*

Chemical Resistance:

Test	ASTM Method	Results
Calcium Chloride	D1308	Pass
Detergents	D1308	Pass
Unleaded Gasoline	D1308	Pass
Soap Solution	D1308	Pass
Trisodium Phosphate	D1308	Pass
10% H_2SO_4 (Sulphuric acid)	D1308	Pass
10% HCl (Hydrochloric acid)	D1308	Pass
10% NaOH (Sodium Hydroxide)	D1308	Pass
In Service Temperature Limit	200°F (93°C) (dry heat)	

Other Information:

	ASTM Method	Result
Coefficient of Friction	F-609	1.00 (wet) : 1.17 (dry)

All tests results assume proper cure and preparation of test substrates. Unless otherwise stated, all results were obtained spraying product direct to metal on BONDERITE® 1000.

*The application and performance property data above are believed to be reliable based on laboratory findings. It is for the buyer to satisfy itself on the suitability of the product for its particular use. Variation in environment, procedures of use, or extrapolation of data may cause unsatisfactory results.

Miscellaneous:

ASC-908

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Safety:

These materials are designed for application only by professional, trained personnel, using proper equipment under controlled conditions and are not intended for sale to the general public.

Safe application of paints and coatings requires knowledge of equipment, materials and individual training. Directions and precautionary information on both equipment and products should be carefully read and strictly observed for personal safety and property protection. Consideration must be given to eliminate conditions, which may generate hazardous atmospheres during spray application or subject operators or bystanders to injury or illness.

Special precautions must be taken when utilizing spray equipment, particularly airless equipment. High-pressure injection of coatings into the skin by airless equipment may cause serious injury requiring immediate medical attention at a hospital. Treatment advice may also be obtained from Poison Centers.

Air quality should be maintained with adequate ventilation; applicators can achieve additional protection by wearing respirators and other protective garments such as gloves and overalls. In all cases, wear protective eye equipment. During the application of all coatings materials, all flames, welding and smoking must be prohibited. Explosion proof equipment must be used when coating these materials in confined areas.

PRECAUTIONARY INFORMATION

Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all warnings and precautionary information on all product labels. Prevent all contact with skin and eyes and breathing of vapors and spray mist. Repeated inhalation of high vapor concentrations may cause a series of progressive effects including irritation of the respiratory system, permanent brain and nervous system damage and possible unconsciousness and death in poorly ventilated areas. Eye watering, headaches, nausea, dizziness and loss of coordination are indications that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

KEEP OUT OF THE REACH OF CHILDREN

MEDICAL RESPONSE

Emergency Medical or Spill Control Information (412) 434-4515; CANADA (514) 645-1320 and in MÉXICO 01-800-00-21-400. Have label information available.

Safety Data Sheets (SDS) for the PPG products mentioned in this publication are available through www.ppgcommercialcoatings.com (Safety, SDS Search) or your PPG Distributor.

For additional information regarding this product, see the SDS and LABEL information.

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