Garage Flooring LLC of Colorado

All Weather Floors

AWF99185088
100% SOLIDS EPOXY GLAZE COLOR COAT

PRODUCT DESCRIPTION
V.O.C. COMPLIANT

AWF99185088 Glaze Coat is a specially formulated two component, 100% Solids Epoxy Coating designed for use where a hard, durable, tile-like high gloss floor finish is desired. Based on a unique blend of "resin rich" polymers, AWF99185088 provides an extremely wear resistant surface, which also is cosmetically attractive in appearance. AWF99185088 is a low viscosity, self-leveling resin that can be applied at a dry film thickness of 10-60 mils in one (1) coat. Most applications are 10-20 mils DFT. The AWF99185088, being a 100% solids epoxy, is ideal for use in confined areas where solvent odor is objectionable. AWF99185088meets all EPA and other air pollution regulations, and is USDA approved.

PRODUCT FEATURES

1. Extremely high gloss, tile-like finish.
2. Outstanding wear and abrasion resistance.
3. Good resistance to blushing.
4. Excellent adhesion to concrete surfaces.
5. One coat film build from 10-60 mils DFT.
6. Easy to apply with no solvent odors.
7. Outstanding chemical resistance.
8. USDA approved for use in food processing plants.

TECHNICAL DATA

COLORS: Lt. Gray, Med. Gray, Brick Red, Beige

GLOSS: High Gloss

VOLUME SOLIDS: 100%

COVERAGE (Theoretical): 1604 sq. ft. per gal. @ 1.0 mil DFT.

RECOMMENDED DRY FILM THICKNESS: 10-20 dry mils @ 80-160 sq. ft. per gallon

MIXING RATIO: 3:1 by volume

POT LIFE: 20-30 minutes @ 75°F

INDUCTION TIME: None

THINNING: None

CLEAN UP: SA-17 or SA-74

APPLICATION: Squeegee, roller

APPLICATION TEMP.: 50°F - 100°F

RECOAT TIME: 12-24 Hours @ 75°F

CURE FOR USE: @ 75°F, 16- 24 hours for foot traffic, 48-72 hours for heavy traffic.

DRY SERVICE TEMP.: 150°F

PACKAGING: 1 gal & 4 gal units

SHELF LIFE: Minimum of 12 months

V.O.C. = 8 GMS/L

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PRODUCT USES

AWF99185088 is designed for use as a finish coat in Food Processing Plants, Breweries, Dairies, Bottling Plants, Pulp and Paper Mills, Chemical Processing Plants, Refineries, Electric Generating Plants, Warehouses, Hallways, Shop Floors, Waste Water Treatment Plants, and many other industries.

SURFACE PREPARATION

In all cases of surface preparation, the pH should be checked. A pH reading of 7.0 to 8.5 is acceptable. Also, a Water Dissipation Test should be made on random areas of the floor to determine if the proper degree of porosity has been achieved. Before the installation of any Garage Flooring LLC of Colorado products,, the substrate should be examined for moisture. Test for moisture vapor transmission using ASTM F-1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor using Anhydrous Calcium Chloride. The maximum allowable rate is 3 lbs. per 1,000 square feet per 24 hours. Test for relative humidity in concrete floor slabs using Probes according to ASTM F-2170. This test measures the presence relative humidity of the slab below the surface. The maximum relative humidity should be below 80%.

New concrete must be cured at least a minimum of 28 days before applying a coating. On-grade slabs must have moisture vapor barrier in place. All laitance, sealers, efflorescence, chemical contaminants, grease, oil and other foreign material must be removed. The prepared surface must be clean, dry and structurally sound Garage Flooring LLC of Colorado recommends mechanical preparation by means of shot blasting or diamond grinding to achieve a CSP-2 or CSP-3 profile, in accordance with the International Concrete Repair Institute (ICRI). The profile should reflect something similar to a 60-100 grit sandpaper. If the substrate is not properly prepared and the appropriate profile is not achieved, failure of the product to adhere to the substrate may occur.

Old concrete surfaces must be structurally sound. Any unsound areas must be repaired prior to proceeding with the resinous installation. For proper patching and repairing, use AWF9961588 . Remove existing paint and loose concrete by rough sanding, sandblasting, high pressure water cleaning, shot blasting or grinding. In some cases where plant conditions allow, a stripper may be used to remove excessive build-up of paints or sealers.

MIXING INSTRUCTIONS

AWF99185088is a 3:1 mix ratio by volume, and is prepared by mixing 3 parts by volume of pigmented BASE A with 1 part by volume of HARDENER Part B using a low speed drill with a Jiffy mixer. Blend the two components slowly together for a minimum of 3 minutes. Do not vary from the 3:1 mixing ratio. No thinning is required, and no induction time is required. AWF99185088 must be used immediately after 3 minutes of mixing.

APPLICATION PROCEDURE

For best results apply AWF99185088 with a notched squeegee at 10-60 mils DFT or a ¼" - ½" roller at 10-20 mils DFT. AWF99185088 Coating has excellent "wetting out" properties, and has the capability of being applied directly to properly cleaned and porous concrete surfaces as a one coat system. However, a test sample AWF99185088 should be applied to assure that a uniform gloss finish is maintained and proper penetration and adhesion has been achieved. We still recommend the use of a concrete primer for over-all best results. Acceptable concrete primers for use under AWF99185088 are AWF9921188. Contact Garage Flooring LLC of Colorado. For specific primer recommendations and recoating time of the primers. AWF99185088 should not be used as a finish coat in direct sunlight. When applying over 20 mils an aggregate broadcast is usually recommended.

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NOTE: For safety and product curing, proper ventilation is necessary throughout application and cure. When using pigmented Finish Coats, always be sure the batch numbers are all the same to provide a uniform color. Do not apply if the surface temperature is within 5° of the Dew Point. AWF99185088Base and Hardener should be stored at 75°- 85°F to help maintain a lower, rollable viscosity. Do not apply when material is cold. Allow a minimum of 72 hours with good ventilation before putting floor back into service. If a non-skid finish is required, prepare a test patch for owner approval prior to application. These systems are designed for application by professional experienced flooring contractors.

CURE TIME

Temperature	Minimum Recoat	Maximum Recoat	Foot Traffic	Heavy Traffic
90°F	6 Hours	18 Hours	12-16 Hours	36-48 Hours
75°F	8 Hours	24 Hours	18-24 Hours	48-72 Hours
50°F	24 Hours	48 Hours	36-48 Hours	72-96 Hours

CAUTIONS

AWF99185088 Base is combustible. Keep away from all sources of ignition during storage, mixing, application and cure. AWF99185088 Hardener is corrosive. The Hardener and Base can cause eye and skin burns as well as allergic reactions. When spraying, the use of goggles, fresh air masks or NIOSH approved respirators, protective skin cream and protective clothing is recommended as a standard practice. This product is sold without warranty as to performance expressed or implied. Users are urged to make their own tests to determine the suitability for their particular conditions.

SEE MATERIAL SAFETY DATA SHEET FOR FULL SAFETY PRECAUTIONS
FOR PROFESSIONAL AND INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN. NOT FOR RESIDENTIAL USE

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