



Product Data Sheet (PDS):

GacoFloor AS150

Revised:07/2024

**GACOFLOOR AS150
SINGLE-COMPONENT EPOXY ESTER ANTI-SLIP
PEDESTRIAN COATING**

A. PRODUCT DESCRIPTION:

GacoFloor AS150 is a single-component, epoxy ester, anti-slip pedestrian traffic coating and industrial maintenance coating for application on surfaces subject to heavy pedestrian-grade traffic. This VOC compliant safety coating is both easy and fast to apply and offers optimum adhesion to metal, concrete and wood surfaces. GacoFloor AS150 resists gasoline, oil, acids, alkalis, and aliphatic solvents. This product meets VOC requirements for all 50 States including as a Traffic Coating and/or an Industrial Maintenance Coating for the South Coast Air Quality Management District.

B. PACKAGED PRODUCT DATA*:

PROPERTY	OBSERVED VALUE / DESCRIPTION
COLORS	Black Grey Safety Yellow Neutral Tint Base White Tint Base
V.O.C.	0.82 lb / gal (98 g / L)
VOLUME SOLIDS	61 %
ESTIMATED COVERAGE	SPRAY: 60 ft ² / gal (5.6 m ² / 3.8 L) TROWEL: 40 ft ² / gal (3.7 m ² / 3.8 L) ROLLER: 50 ft ² / gal (4.6 m ² / 3.8 L)
WEIGHT PER GALLON	14.8 lbs. per gal. (1.77 kg / L)
FLASH POINT	102 °F (39 °C) – CC
PACKAGING	1 gal (3.8 L) kit 5 gal (18.9 L) kit
SHELF-LIFE	Two (2) years in unopened container

C. APPLIED PRODUCT DATA*:

PROPERTY	OBSERVED VALUE / DESCRIPTION
DRY TIME	Light Traffic – Twelve (12) hours @ 70 °F (21 °C) Heavy Traffic – Seventy-two (72) hours @ 70 °F (21 °C)
COEFFICIENT OF FRICTION ASTM F609	Wet – 1.00 Dry – 1.17

D. PRODUCT INSTALLATION:

STEP	INSTRUCTIONS
<p>SUBSTRATE PREPARATION</p>	<p>CONCRETE: Remove oil, grease, dirt, wax, etc., by dissolving with a commercial grade cleaner/degreaser then flush the area thoroughly with clean water and allow it to dry. Remove all paint films, laitance, and loose concrete by scarification or shot blasting. Patch any holes or significant defects with a concrete patch or repair mortar. Smooth or glazed surfaces should be roughened and new concrete should cure at least thirty (30) days with good ventilation prior to application. Form release agents, hardeners, sealer, etc. will interfere with adhesion and must be removed. Prime the surface with GacoFloor 100EX primer.</p> <p>METAL: All surfaces must be clean, dry, and free of surface contamination. Remove all deposits of oil and grease using Solvent Cleaning method SP-1. Next, the surface must be mechanically blasted to a NACE 2, Near White Metal blast with a 2-4 mil anchor profile ensuring that previous coatings, rust, and mil scale (if any) are thoroughly removed. Blasted surfaces should be primed immediately with GacoFloor MS7CZ primer at 2-4 mils WFT. For applications meeting SCAQMD requirements over metal use GacoFloor M8CZ primer.</p> <p>WOOD/FIBERGLASS: A clean sound surface is required. Remove any dirt or oils from the surfaces with a commercial cleaner/degreaser and allow the surface to dry. Follow with sanding to remove loose or deteriorated surface and to obtain the proper surface profile. For wood prime the surface with GacoFloor 100EX primer. For fiberglass use GacoFloor MS7CZ primer for the best adhesion. For applications meeting SCAQMD requirements over fiberglass use MS8CZ primer.</p>
<p>APPLICATION</p>	<p>Thoroughly mix contents preferably with a mechanical mixer such as a pneumatic drill motor with a Jiffy® mixing blade until mixed material assumes a uniform color and appearance.</p> <p>GacoFloor AS150 should be applied at surface temperatures between 50 °F (10 °C) and 120 °F (48 °C) and applications outside that range are not recommended. Below 50 °F (10 °C), curing time will increase substantially. Exterior applications must be protected from rain for at least twenty-four (24) hours after application. Protect from heavy or extended exposure to water, oil and chemicals for five (5) to seven (7) days.</p> <p>ROLLER: <i>Provides aggressive anti-slip characteristics with an irregular, ridged profile.</i></p> <ol style="list-style-type: none"> 1. Use a phenolic core roller. It is important that the rolled profile expose the maximum amount of ant-slip aggregate. If aggregate is not properly exposed, the coating may become slippery when wet. 2. Pour a “ribbon” of GacoFloor AS150 coating on the surface approximately 2 ft (0.6 m) long and 6 in (150 mm) wide. Roll material in one direction only, in slow straight strokes pulling material toward you with a moderate amount of pressure. Do not over-roll too many times or press down too heavily. Be careful that material does not build up too thickly along welds (roll across welds, not along them). Material applied too thick may not properly cure.

	<p>TROWEL: <i>Provides excellent anti-slip characteristics with a rough, textured surface</i></p> <ol style="list-style-type: none"> 1. Use a smooth-edged flexible plasterer's finishing trowel approximately 4 in (100 mm) by 12 in (300 mm). 2. Pour a "ribbon" of GacoFloor AS150 coating on the surface approximately 2 ft (0.6 m) long and 6 in (150 mm) wide. 3. Hold trowel at 45° angle to surface and spread with sweeping motion. Pull material toward you. To cover corners, etc., pull straight strokes using material on the trowel. Trowel across welds to avoid too thick an application. <p>SPRAY: <i>Provides a uniform appearance with good anti-slip characteristics.</i></p> <ol style="list-style-type: none"> 1. GacoFloor AS150 coating should not be thinned. 2. Specialized mastic type spray equipment is required. A recommended set-up is as follows: <ol style="list-style-type: none"> a. A 5 gal (18.9 L) bottom outlet pressure tank equipped with a double regulator and an air driven agitator, and 1 in I.D. outlet pipe. b. 25 ft (7.6 m) of 3/8 in (10 mm) air hose with 3/8 in (10 mm) female connectors at each end. c. 25 ft (7.6 m) of 3/4 in (20 mm) material hose with 3/4 (20 mm) in female connectors at each end. d. A Binks Model 7E2 spray gun equipped with 1/4 in (6mm) (#45) fluid nozzle and a 1/4 in (6 mm) internal air cap or a Binks Model 52-2012 (4 ft / 1.2 m) pole gun equipped with the same fluid nozzle and air nozzle. 3. Minimum air supply required is 20 CFM (566 Lpm) at 90 lb (41 kg) pressure. Recommended pressure is 15 - 20 psi (0.1 - 0.14 Mpa) on material and 20 - 25 psi (0.14 - 0.17) on atomization. Always keep atomization air pressure higher than pot pressure with constant agitation. Good coverage and film thickness will be obtained working at 18 in (0.45 m) or 24 in (0.6 m) distance from surface. Overlap strokes about 50 %. Make sure of wet application. Very little abrasive rebound will be noticed at 15 psi (0.1 Mpa); however, it will be more noticeable at higher pressure. <p>NOTE: Only use an approved tinting system and pigment when adding colorants. The white tint base should receive no more than 8 fl oz (235 mL) of tint and the neutral base 12 fl oz (350 mL) high amount of colorants can affect viscosity, cure time and ultimate strength of the product. After colorant has been added, material must be shaken for a minimum of five (5) minutes to blend in pigment. Premixing with a drill prior to application is also recommended. A test area should be applied so color and appearance can be verified. Deep color may require additional cost to hide.</p>
<p>MAINTENANCE</p>	<p>Maintain a clean surface to ensure the anti-slip performance of the GacoFloor AS150 is maximized. The following cleaning procedure is recommended.</p> <ol style="list-style-type: none"> 1. Foreign matter such as chewing gum should be removed with a scraper or putty knife. Then apply an all-purpose, biodegradable cleaner/degreaser that can be mixed with water to the surface. 2. Scrub surface with a long-handled, fiber bristled brush or floor machine. 3. Rinse with clean water and dry. <p>Although extremely durable, GacoFloor AS150 is not a permanent coating and will require occasional touch up, especially in heavy traffic areas.</p>

* For specific Safety and Health information please refer to the appropriate Safety Data Sheet that is associated with this product.