



Product Data Sheet (PDS):

GacoFloor AS175

Revised:07/2024

**GACOFLOOR AS175
TWO-COMPONENT WATER-BORNE EPOXY
ANTI-SLIP PEDESTRIAN COATING**

A. PRODUCT DESCRIPTION:

GacoFloor AS175 is a two-part water-borne epoxy coating combined with a tough fine grain abrasive to produce a self-sealing, non-slip pedestrian traffic coating and/or industrial maintenance coating. Enhanced clean-ability, chemical resistance and good coverage rate are but a few of the reasons GacoFloor AS175 is the first choice for low-profile applications where interior and exterior surfaces are subject to moisture and condensation. (Ex: Around pools, locker rooms, showers, docks and pedestrian traffic walkways).

B. RECOMMENDED USE:

GacoFloor AS175 is ideal for commercial recreation areas as well as industrial and institutional facilities where the use of a water-based coating is desirable. 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 (SCAQMD).

C. PACKAGED PRODUCT DATA*:

PROPERTY	OBSERVED VALUE / DESCRIPTION
COLORS	Neutral Base White Tint Base
V.O.C.	0.5 lb / gal (60 g /L)
VOLUME SOLIDS	63 %
ESTIMATED COVERAGE	ROLLER: 90 ft ² / gal (8.4 m ² / 3.8 L) SPRAY: 120 ft ² / gal (11.1 m ² / 3.8 L)
WEIGHT PER GALLON	12.2 lb / gal (1.47 kg / L)
FLASH POINT	N/A
PACKAGING	1 gal (3.8 L) kit
SHELF-LIFE	Two (2) years in unopened container

D. APPLIED PRODUCT DATA*:

PROPERTY	OBSERVED VALUE / DESCRIPTION
DRY TIME	Light Traffic – Twenty-four (24) hours @ 70 °F (21 °C) Heavy Traffic – Seventy-two (72) hours @ 70 °F (21 °C)
COEFFICIENT OF FRICTION ASTM F609	Wet – 0.86 Dry – 0.78

E. 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 repair 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 100EX Epoxy 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 over metal meeting SCAQMD requirements use GacoFloor MS8CZ 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 100EX Epoxy Primer. For fiberglass use the GacoFloor MS7CZ primer for the best adhesion. For applications over fiberglass meeting SCAQMD requirements use GacoFloor MS8CZ primer.</p>
<p>APPLICATION</p>	<p>GacoFloor AS175 is designed to be applied over a primer or sealer. Thoroughly pre-mix base component with a mechanical mixer such as a pneumatic drill motor with a Jiffy® mixing blade making sure all settlement is lifted off the bottom of the container and is uniformly dispersed and assumes a uniform color and appearance.</p> <p>Pour entire contents of hardener can into base material. Mix hardener and base material with a Jiffy® mixing blade for approximately three (3) – five (5) minutes or until mixed material assumes a uniform color and appearance. No induction time is required.</p> <p>GacoFloor AS175 should be applied at surface temperatures between 50 °F (10 °C) and 120 °F (48 °C) and applications outside that range are not recommended.</p> <p>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>Rolled applications provide the most aggressive non-slip characteristics with an irregular, ridged profile.</i></p> <ol style="list-style-type: none"> Using a phenolic core roller it is important that the rolled profile expose the maximum amount of nonslip aggregate. If the aggregate is not properly exposed the coating may become slippery when wet. Pour a ribbon of GacoFloor AS175 on the surface approximately 2 ft (0.6 m) long and 6 in (150 mm) wide. Roll material in one direction only, in slow

	<p>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. Material applied too thickly may not properly cure.</p> <p>3. Work small sections at a time and make the final pass with the roller in one direction to give an even texture and to help eliminate lap marks. Rollers should be washed or changed after one (1) to one and half (1.5) hours of use. Light colors will hide contrasting colors better if applied in 2 coats. For second coat allow minimum of four (4) hours between coats.</p> <p>SPRAY:</p> <p><i>Sprayed applications will result in a uniform appearance with good non-slip characteristics.</i></p> <p>1. GacoFloor AS175 should not be thinned. Thinning could result in grit not remaining properly in suspension. Specialized mastic type spray equipment is required. A recommended set-up is as follows:</p> <ul 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. <p>2. 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> <p>3. When temperature is above 80 °F (26 °C), it is advisable to flush the spray equipment with water every two (2) to three (3) hours in order to prevent the possibility of any material setting up and plugging the equipment.</p> <p>NOTE:</p> <p>Only use an approved water-based tinting system. 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.</p>
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MAINTENANCE	<p>Maintain a clean surface to ensure the anti-slip performance of the GacoFloor AS175 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 AS175 is not a permanent coating and will require occasional touch up, especially in heavy traffic areas.</p>
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** For specific Safety and Health information please refer to the appropriate Safety Data Sheet that is associated with this product.*