



Product Data Sheet:

GacoDeck™ TopCoat

Revised: 05/2020

**GACODECK™ TOPCOAT
WATER-BASED ELASTROMERIC COATING**

DESCRIPTION:

GacoDeck TopCoat is a water-borne, single component elastomeric coating that incorporates ADA-compliant granules for added slip and wear resistance. The coating is designed to create a fully adhered, durable waterproof membrane that expands and contracts along with the substrate.

USAGE:

GacoDeck TopCoat protects deck surfaces – including balconies, patios, roof decks, ramps and elevated walkways. In fact, any approved surface that functions as a floor over an occupied living space will benefit from the strength and protection of GacoDeck TopCoat.

LIMITATIONS:

TopCoat is not recommended if joints and cracks exceed 1/8" (3.2 mm) wide. For climate zones that experience extremely cold temperatures of -20 °F (-29 °C) or below for over 3 months, GacoDeck TopCoat is not recommended.

PRODUCT DATA	
PROPERTY	VALUE
Color	DT01 Oyster, DT02 Pewter, DT16 Shale, DT18 Adobe, DT47 Sedona, DT49 Desert
Weatherability	Excellent gloss retention, color stability and chalk resistance.
Adhesion	Bonds to balconies, boat decks, concrete, lanais, patios, plywood decks, porches, ramps, roof decks, and walkways.
Toxicity	The cured coating is classified as nonhazardous.
Theoretical Coverage	0.75 gal / 100 ft ² to yield 28 dry mils on a smooth surface. Four coats are required; recommended final film build is 28 dry mils. GacoDeck must be applied at the proper rate of 100 ft ² per kit to ensure proper coating thickness. Failure to do so may result in the product's failure to provide a waterproof membrane.
Flammability	Class A on non-combustible decks and Class C on combustible decks per UL-790 (ASTM E108). Contact Gaco for Class B application recommendations.
Storage Stability	Three years from date of manufacture when stored in unopened containers between 40-85 °F (4-29 °C). Protect from freezing. Do not store below 35 °F (2 °C).
V.O.C.	≤ 50 g/L
Flash Point	Above 200 °F (93 °C). Tag Open Cup

TYPICAL PROPERTIES			
PROPERTY	TEST STANDARD		RESULT
Tensile	ASTM D412	Strength Elongation Permanent Set at Break	900 psi (6.21 MPa) 200% 15%
Tear Resistance	ASTM D624 Die C		250 lb/in
Hardness	ASTM D2240		90 Shore A
Water Vapor Permeance	ASTM E96, Method B, 100% R.H. difference		0.06 perm/in
Solids	Weight: Method 4041, Fed. Std. 141		59.5%

APPLICATION	
Special Circumstances	Remove large areas of dirt, mildew, grease and other debris with a broom. Apply GacoWash Concentrated Cleaner according to label instructions; do not wash a new plywood deck. Rinse with water and allow surface to dry for a minimum of 48 hours. NOTE: Drying time depends on weather conditions such as temperature, humidity and air movement. If more than 12 hours elapses between washing and application, wipe surface with a clean cloth to remove dust.
Surface Preparation	Remove large areas of dirt, mildew, grease and other debris with a broom. Apply GacoWash Concentrated Cleaner according to label instructions; do not wash a new plywood deck. Rinse with water and allow surface to dry for a minimum of 48 hours. NOTE: Drying time depends on weather conditions such as temperature, humidity and air movement. If more than 12 hours elapses between washing and application, wipe surface with a clean cloth to remove dust.
Substrates	<p>PREVIOUSLY COATED SURFACES: Clean surface with GacoWash Concentrated Cleaner. Allow surface to dry for a minimum of 48 hours. If applicable, prepare all cracks and seams following "Flashing, Caulking and Taping" directions. Prime surface with GacoDeck Primer at the rate of 1 gal / 200 ft² over entire surface before applying first top coat. If surface is previously painted and has a glossy finish, lightly sanding the surface is recommended before applying primer.</p> <p>PLYWOOD: Prepare all major seams, cracks and joints before cleaning the substrate with GacoWash; do not wash a new plywood deck. Allow surface to dry for a minimum of 48 hours. Prepare all cracks and seams following "Flashing, Caulking and Taping" directions. No primer is required for new plywood applications. If it is a previously coated plywood deck please see "Previously Coated Surfaces" directions. Do not use unsuitable grades of plywood. GacoDeck is NOT recommended for teak, cedar or redwood due to tannin bleeding on light colors. GacoDeck is not recommended if joints and cracks exceed 1/8" (3.2 mm) wide. Refer to the "Deck Construction and Preliminary Preparation" for full details.</p> <p>CONCRETE: Concrete surfaces to receive GacoDeck coating must be structural concrete that is properly ventilated 'On grade' concrete slabs must be poured over minimum 4" (102 mm) pea gravel base or equivalent. Concrete must cure and dry four weeks before GacoDeck application. Concrete surface should be smooth and free from rock pockets or voids without being burnished. Etching of concrete is not normally required. If concrete surface shows evidence of dusting or chalk, etch surface prior to coating application as follows: Apply diluted muriatic acid (3 parts water / 1-part muriatic acid) at a rate of 75 ft² per quart following label directions and precautions. Allow the solution to work for 2-3 minutes. Scrub with stiff brush and flush with clean water to rinse from surface. Allow surface to dry for a minimum of 48 hours.</p> <p>FIBERGLASS: No primer is required for fiberglass applications. Lightly sand surface before applying GacoDeck.</p>
Flashing, Caulking, and Taping	<p>FLASHING: All flashing must be flush with surface. If installing flashing, nail or screw every 6" (152.4 mm). Care should be taken not to buckle the flashing during installation. Metal surfaces must be primed. Lightly sand surface and prime with GacoFlex E5320 2-Part Epoxy Primer/Filler or a comparable exterior metal primer, according to label instructions. All flashing must be taped following the directions below.</p> <p>CAULKING & TAPING: Cut GacoDeckFill nozzle at an angle to the desired bead size and puncture inner seal. Start small, and cut further down if you need a larger bead. Load GacoDeckFill cartridge into standard caulking gun. Apply GacoDeckFill to all joints, fastener indentations, cracks and transitions from the flashings to the plywood. Apply when temperatures are between 50-90 °F (10-32 °C). Joint and crack size should not exceed 3/8" (9.5 mm) wide. If width is greater than 3/8" (9.5 mm), use backer rod. Smooth flush with deck surface using a putty knife. Allow GacoDeckFill to dry for 6 hours before using DeckTape. After taping, let dry for a minimum of 6 hours before coating with GacoDeck TopCoat and allow the surface to sufficiently dry prior to any sanding. If GacoDeckFill has shrunk or settled, reapply as needed following the listed instructions. NOTE: Longer dry times may be required for cold temperatures, high humidity or when filler is heavily applied. GacoDeckFill that is allowed to dry more than 24 hours should be wiped with a damp cloth prior to TopCoat application. Once the GacoDeckFill is fully cured, tape all seams, joints, cracks, flashings and changes of plane with DeckTape. Working in small sections, apply a 5-6" (127-152.4 mm) wide stripe of GacoDeck TopCoat. Cut the DeckTape to desired length, making all cuts with scissors. While coating is still wet, center the strip of DeckTape over the seams, joints, cracks and flashing. Embed smoothly into the coating. Immediately brush another layer of coating over the DeckTape, smoothing out any wrinkles with a brush. Verify the DeckTape is completely cured with TopCoat. If more than one piece of tape is used, overlap any adjoining pieces by a minimum of 1/2" (13 mm). Allow the surface to dry. Inspect tape when coating is dry or nearly dry to ensure the tape is bonded to substrate and completely smooth. Press down any fish mouths or wrinkles, cutting and re-bonding if necessary. Once dry, inspect DeckTape for fish mouth cavities, wrinkles bare spots and other defects, and repair as needed. For a seamless finish, lightly sand the edges of the coated tape with medium grit sandpaper using a palm sander or sanding block before applying the first top coat. To prevent dirt pickup, do not leave DeckTape exposed; coat with GacoDeck Top Coat as soon as it is applied. If the GacoDeck Top Coat will terminate where there is no natural break, use painter's tape to create a clean, sharp edge.</p>
Clean-Up	Clean up with soap and water.
Caution	For specific Health and Safety information, please refer to the Safety Data Sheet.

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APPLICATION:

Confirm the substrate is completely dry by laying a 4 ft² piece of plastic sheeting on the deck, taped at all four corners. After a minimum of 4 hours, pull back the plastic and verify there is no amount of moisture on the deck or plastic. If moisture persists, continue drying until moisture no longer exists. Four coats are required; recommended final film build is 28 dry mils. GacoDeck must be applied at the proper rate of 100 ft². per kit to ensure proper coating thickness. Failure to do so may result in the product's failure to provide a waterproof membrane. Mix before application to ensure uniform color and consistency.

BASE COATS: Two base coats are required; apply at a rate of 0.75 gal / 100 ft² by roller as received. Apply a heavy coat over the entire surface, including taped or flashed areas to create the waterproof elastomeric membrane. Allow the first base coat to dry for a minimum of 2-4 hours. Apply second base coat as soon as the first coat can be safely walked on. Wrap roller cover in aluminum foil or plastic in between coats.

TOP COATS: Add all the GacoGrip Texture Granules to the remaining coating. Stir thoroughly for uniform consistency. Apply two separate coats at a rate of 0.75 gal / 100 ft² roller as received. Apply first coat in a North-South direction and allow to dry for a minimum of 2-4 hours. Apply final coat in an East-West direction as soon as the first coat can be safely walked on. If more than 72 hours elapses between coats, clean with GacoWash according to label directions. Final coat should be allowed to cure for 72 hours (depending on temperature and humidity) before suitable for heavy objects or foot traffic.