



## APPLICATION INSTRUCTIONS

### GacoDeck Kit

#### SPECIAL CIRCUMSTANCES

During weather above 90°F (32°C), apply coating in morning or evening. Do not apply during temperatures below 50°F (10°C) or if temperatures will fall below 50°F within 6 hours. Wait two or more days before using deck or placing heavy objects on surface. In extremely cold climates 10-15°F (-9 to -12°C) over a three month period, GacoDeck Primer must be used in conjunction with GacoDeck. If GacoDeck Primer is not used, your deck could experience surface cracks. There are two modifications to the instructions above for extreme cold weather climates. First, all taping and flashing details must utilize GacoDeck Primer instead of GacoDeck TopCoat. Second, apply one coat of GacoDeck Primer at rate of 1 gallon per 200 square feet over entire surface prior to the first base coat. After primer is dry, you can follow normal GacoDeck instructions starting with "Base Coats" section.

#### SURFACE PREPARATION

Remove large areas of dirt, mildew, grease and other debris with a broom. For general cleaning, 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

**PREVIOUSLY COATED AND PAINTED SURFACES:** The use of GacoDeck Primer is required. If surface is previously painted and has a glossy finish, lightly sanding the surface is recommended before applying Primer or TopCoat.

**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" wide. Refer to the "Deck Construction and Preliminary Preparation" for full details.

**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" 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 square feet 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.

**FIBERGLASS:** No primer is required for fiberglass applications. Lightly sand surface before applying GacoDeck.

#### FLASHING, CAULKING AND TAPING

**FLASHING:** All flashing must be flush with surface. If installing flashing, nail or screw every 6". 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.

**CAULKING & TAPING:** Apply GacoDeckFill according to application instructions to all joints, fastener indentations, cracks and transitions. GacoDeckFill is the only approved joint filler for the GacoDeck system.

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" 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 covered with GacoDeck TopCoat. If more than one piece of tape is used, overlap any adjoining pieces by a minimum of 1/2". 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 pick-up, do not leave DeckTape exposed; coat with GacoDeck TopCoat as soon as it is applied. If the GacoDeck TopCoat will terminate where there is no natural break, use Painter's Tape to create a clean, sharp edge.

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Confirm the substrate is completely dry by laying a 4 square foot 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 sq. ft. 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.



# GacoFlex®

by Gaco Western®

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**BASE COATS:** Two base coats are required; apply at a rate of 0.75 gallons per 100 square feet by roller as received. Apply a heavy coat over the entire surface, including taped or flashed areas, in order 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 GacoGrip Texture Granules (12 oz./gallon) to the remaining coating. Stir thoroughly for uniform color and consistency. Apply two separate coats at a rate of 0.75 gallons per 100 square feet by 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.

### CLEAN UP

Clean up GacoDeck with soap and water.

