

# Gaco Western

S I N C E 1 9 5 5

## Product Data Sheet:

GacoDeck Primer

June 2015

Supersedes 01/01

### GACODECK PRIMER WATER BASED ELASTOMERIC PRIMER

- DESCRIPTION:** GacoDeck Primer is a water-borne, single component elastomeric primer characterized by excellent hardness and strength when used with GacoDeck TopCoat.
- USAGE:** GacoDeck Primer is used for adhesion purposes before applying GacoDeck TopCoat over deck surfaces previously coated with Hypalon®, urethane or acrylic waterproofing systems. GacoDeck Primer is used to prevent surface cracks for applications in cold climate zones where temperatures are between -20°F (-29°C) and 15°F (-9°C) over a three month period.
- COLOR:** DP6211 Gray
- LIMITATIONS:** For climate zones that experience extremely cold temperatures of -20°F (-29°C) or below for over 3 months, the GacoDeck system is not recommended.

#### APPLIED PRODUCT DATA

- WEATHERABILITY:** Must be top coated with GacoDeck TopCoat.
- TOXICITY:** Not for use in contact with edible substances or potable water.
- ADHESION:** Adheres well to previously coated and painted surfaces, existing waterproof deck systems (acrylic, Hypalon®, urethane) and substrates in cold climates.
- TENSILE:** ASTM D412  
Strength: 275 psi min. (1.90 MPa)  
Elongation: 200% min.  
Permanent Set At Break: 8%
- TEAR RESISTANCE:** ASTM D642 Die C  
lbs/inch 75 lb./in.
- HARDNESS:** ASTM D2240 65 Shore A
- WATER VAPOR PERMEANCE:** ASTM E96 0.06 perms-inches (1.5 mm)  
Method B, 100% R.H. difference
- FLAMMABILITY:** Non-flammable and non-combustible.

#### PACKAGED PRODUCT DATA

- THEORETICAL COVERAGE:** 200 sq. ft. per gallon on a smooth surface.
- SOLIDS:** Weight: Method 4041 73%  
Fed. Std. 141  
Volume: 59%
- V.O.C:** ≤ 50 g/L

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FLASH POINT: ASTM D1310 Above 200°F (93°C). Tag Open Cup

STORAGE STABILITY: Three years from date of manufacture when stored in unopened containers between 40°-85°F (4°-29°C). Protect from freezing.

### APPLICATION

SPECIAL CIRCUMSTANCES: GacoDeck Primer must be used to renew deck surfaces previously coated with Hypalon®, urethane or acrylic waterproofing systems.

GacoDeck Primer can be used in cold climate zones where temperatures are between -20°F (-29°C) and 15°F (-9°C) over a three month period. In those zones, GacoDeck Primer must be used to prevent surface cracks.

SUBSTRATES: PREVIOUSLY COATED AND PAINTED SURFACES: If surface is previously painted and has a glossy finish, lightly sanding the surface is recommended before applying primer

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. 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.

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.

ADHESION TEST: Prior to an adhesion test, it is extremely important to get the deck completely clean and dry. Clean surface with GacoWash Concentrated Cleaner according to label instructions. All loose material must be removed before applying primer. Previously coated and painted surfaces may contain beading agents that could affect the adhesion of GacoDeck Primer. If drops of water placed on the coated deck bead, it may be necessary to do an adhesion test patch to ensure that GacoDeck Primer will have adequate adhesion. Apply a 1 sq. ft. patch of GacoDeck Primer to the substrate and allow to dry for 24 hours. The patch should be fully adhered at edges with no bubbling or flaking.

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 following the directions below.

CAULKING & TAPING: Apply GacoDeckFill according to application instructions to all joints, fastener indentations, cracks and transitions.

Once the GacoDeckFill is fully cured, tape all seams, joints, cracks, flashings and changes of plane with GacoDeck Tape. Working in small sections, apply a 5-6" wide stripe of GacoDeck Primer. Cut the tape to desired length, making all cuts with scissors. While coating is still wet, center the strip of tape over the seams, joints, cracks and flashing. Embed smoothly into the coating. Immediately brush another layer of coating over the tape, smoothing out any wrinkles with a brush. Verify the GacoDeck Tape is completely covered with GacoDeck Primer. 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 GacoDeck Tape 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 GacoDeck Tape exposed; coat with GacoDeck Primer as soon as it is applied. If the GacoDeck Primer will terminate where there is no natural break, use painter's tape to create a clean, sharp edge.

**APPLICATION:** Apply GacoDeck Primer with a 3/4" nap roller at the rate of 200 square feet per gallon; ideally when ambient temperature is between 50°F (10°C) and 90°F (32°C). During weather above 90°F (32°C), apply primer in morning or evening. Do not apply when surface and ambient temperatures are below 50°F (10°C) or if temperatures will fall below 50°F within 6 hours. Allow surface to dry until it can be walked on (1-4 hours in ideal conditions) before application of GacoDeck TopCoat or GacoDeckKit.

**CLEAN UP:** Clean up with soap and water.

**CAUTION:** For specific Health and Safety information, please refer to the Safety Data Sheet.