Product Data Sheet:

GacoPoly™
DECK-THANE PRIMER
Updated: 11/2026

GACOPOLY™ DECK-THANE PRIMER
SINGLE COMPONENT VOC COMPLIANT MOISTURE CURED PRIMER

DESCRIPTION:

GacoPoly DECK-THANE PRIMER is a single component, moisture cured, solvent-borne, VOC compliant polyurethane primer for concrete and wood surfaces.

USAGE:

Used to promote adhesion of **GacoPoly ELASTO-DECK 5000** polyurethane deck coating systems, polyurethane joint sealants, **GacoPoly Elasto-Deck BT DG, GacoPoly Elasto-Deck BT H20 and GacoPoly LM60**. Also used to achieve adhesion between coats of **Elasto-Deck BT DG, Elasto-Deck BT H20** and **LM60.**

LIMITATIONS:

All materials shall be delivered to the job site in unopened containers clearly marked and labeled. Containers that have been opened must be used up within one or two days since it is a moisture-reactive material. The material will cure when exposed to air. All surfaces must be completely free of foreign matter and primed, where necessary.

PRODUCT DATA	
Color	Yellowish to Amber
Consistency	Fluid

APPLIED PRODUCT DATA	
Weight Per Gallon	9.55 +/- 1.10 pounds (@77°F)
Odor	Mild aromatic odor
Pot Life	(@77°F) 2 Hours
Dry to touch	2-3 hours (@ 77°F, 50% RH min)
Solid Content	71% +/- 2% (Volume)
Toxicity	Not certified or intended for use in direct contact with food or in potable water applications.
Flammability	(solid, gas) : No data available

PACKAGED PRODUCT DATA	
Coverage	**Coverage:** 250 sq. ft. per gallon on rough surfaces. Up to 350 sq.ft. per gallon on smooth surfaces.
Solids Content	73% +/- 3% (Volume)
V.O.C.	58.6 grams per liter, EPA Method 24
Flash Point	43.3 °C (110 °F)
Storage Stability	12 months in original unopened container. Protect from freezing in shipment and storage.

APPLICATION	
Thinning	Thinning is not recommended
Warnings and Hazards	▪ Before using the products, always refer to SDS for important warnings and safety information. ▪ Use only in areas with adequate ventilation. Avoid breathing vapors. Keep away from heat and flame. Avoid contact with eyes and skin. In the event of skin contact, remove immediately and wash with warm, soapy water. Wear suitable eye protection. ▪ Always wash hands before eating.
Cure Time	2-8 hours
Application	▪ All surfaces which are to be coated with DECKTHANE PRIMER must be free of contamination such as curing compounds, concrete hardeners, bond breakers, paint, etc. We recommend water-curing concrete instead of using concrete curing compounds. All surfaces must be clean, sound, and dry. Grinding or shotblasting is recommended if needed to achieve a profile of CSP 2-3. ▪ **Coverage:** 250 to 350 sq.ft. per gallon depending on the surface. Rough surfaces may require 250 sq.ft per gallon, smoother surface may require up to 350 sq.ft. per gallon. ▪ All solvents must be allowed to evaporate off before application over **DECK-THANE PRIMER** is possible. For best results, allow the surface coated with **DECK-THANE PRIMER** to cure for a minimum of 2 hours before the application of the polyurethane membrane or joint sealant. If the primer is allowed to cure in excess of 8 hours, the surface should be sanded and re-primed with **DECK-THANE PRIMER**. ▪ **DECK-THANE PRIMER** should not be applied over wet surfaces as full adhesion and penetration will not be obtained. ▪ **DECK-THANE PRIMER** may be applied by brush, roller, or spray. Containers that have been opened must be used up within one or two days since it is a moisture-sensitive product. **Note:** Spray applications should be back rolled to disperse uniformly to avoid puddling.
Application of Topcoats	▪ The surface that has been coated with **DECK-THANE PRIMER** should be coated over after 2-3 hours cure not to exceed 8 hours. ▪ If for some reason the primer is allowed to totally cure to a hard glass-like finish, the surface should be sanded, cleaned and re-primed with another coat of **DECK-THANE PRIMER** before coating over with polyurethane and/or polyurea coating. ▪ DECK-THANE PRIMER may be applied by brush or roller followed by back-roll.
Clean Up	Because of the difficulty in cleaning up or removing cured DECK-THANE PRIMER, equipment and tools should be cleaned immediately after use with Acetone or similar VOC exempted solvents available in the market. Use only water-based hand cleaners for skin clean up.
Temperature Constraints	▪ Minimum application temperature is 40°F (4°C) and rising and more than 5°F above dew point. ▪ Contact Technical Service when substrates are over 90°F (32°C) or under 40°F (4°C). ▪ Avoid application when inclement weather is present or imminent. ▪ Do not apply to damp, wet, or contaminated surfaces.

For specific Safety and Health information, please refer to Safety Data Sheet.