

# TuffDeck Gripcoat™

Three Component Waterborne Epoxy Primer

TECHNICAL DATA SHEET TDGC062525NNA01

## DESCRIPTION

**TuffDeck Gripcoat™** is a three component (resin, hardener, and water), fast drying, waterborne, epoxy primer with low VOC and low odor. For use on concrete, wood, modified bitumen, and asphalt. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

### FEATURES

Fast Dry Time  
 Low Odour  
 Low VOC  
 Moisture Tolerant  
 Water Based

### INSTALLATION



**NOTCH  
TROWEL**

### TYPICAL USES

Asphalt  
 Balconies  
 Concrete  
 Modified bitumen  
 Parking deck coatings  
 Previously coated surfaces  
 (adhesion test required)  
 Wood

## PACKAGING

3.5-gallon kit: 1 gallon (3.78 liters) can of Side-A white liquid and 1 1/4 gallons (4.73 liters) can of Side-B black liquid. Add 1 1/4 gallons (4.73 liters) of water while mixing at site.

## INSTALLATION GUIDELINES

Refer to General and Safety Guidelines for complete information. Concrete surfaces require a medium sandpaper finish equal to or greater than an ICRI CSP #3. Surface preparation may be completed by shotblasting or the use of an Etch cleaner. Peel and adhesion tests are recommended. Install a 100-200 sqft (9.30-18.58 sqm) mock up of the system to be installed and approve for aesthetics, color, texture, actual coverage rates and functionality before proceeding.

## COMPONENTS

It is important to remember that TuffDeck Gripcoat™ has a limited pot life of about 45-60 minutes. Pre-mix Side-A and Side-B components for up to 2 minutes.

Add 1 gallon (3.78 liters) of Side-A resin to 1.25 gallons (4.73 liters) of Side-B hardener. Mix thoroughly with a Jiffy Blade for 3 minutes. Mix until the color becomes uniform.

Slowly add 1.25 gallons (4.73 liters) of potable water to the mixture while under agitation. Mix for an additional 2 minutes until the contents are fully dispersed. The fully mixed material will appear as a off-white or cream color. Any mixed product not used in one hour should be properly disposed, even if the product appears usable.

## APPLICATION

TuffDeck Gripcoat™ should be applied by first pouring a bead of material on the surface to be coated. Spread the material using a flat squeegee. TuffDeck Gripcoat™ is a low viscosity product, allow to flow out in front of the squeegee.

Allow for sufficient wetting of the surface and ensure that the recommended coverage rate of 1 gallon per 300-450 sqft or 300-450 sqft/gallon (0.08-0.14 liters/sqm) is achieved. Backroll the covered area, utilizing a 1/4" (0.64 cm) nap roller, to eliminate puddles on the surface.

Minimize the overlap from batch to batch applications while achieving complete coverage. Coverage rates and cure times will vary depending on temperature, relative humidity, surface roughness and porosity, aggregate selection and embedment, and application technique. Coverage rates provided are optimal and are not guaranteed.

TuffDeck Gripcoat™ has a maximum recoat window of 8 to 24 hours. If the maximum recoat window is missed, regrind the surface with 80 grit, followed by a thorough sweeping and vacuuming of the area.

The following information is meant to be used as a general guideline only. Consult the project specification and your NaturaSeal representative for specific installation procedures.

- 1. IMPORTANT:** TuffDeck Gripcoat™ must be protected from freezing. If TuffDeck Gripcoat™ is frozen, DO NOT USE.
- 2.** Minimum/Maximum substrate temperature: 60°F-95°F (15.5°C-35°C).
- 3.** Minimum/Maximum relative humidity: 10%-85%.
- 4.** Substrate temperature must be 5°F (3°C) above measured dew point.
- 5.** Conduct quantitative anhydrous calcium chloride testing in accordance with ASTM-F1869. Maximum acceptable test result is 8 pounds per 1,000 sq/ft per 24 hours.
- 6.** Freshly applied TuffDeck Gripcoat™ should be protected from dampness, condensation, and water for at least 24 hours.
- 7.** Do not add any type of thinner to TuffDeck Gripcoat™. Addition of thinners will slow the cure and reduce the ultimate properties of TuffDeck Gripcoat™.
- 8.** TuffDeck Gripcoat™ will discolor over time when exposed to sunlight (UV) and under certain artificial lighting conditions. It should be coated with a UV resistant, light stable topcoat within 48 hours of application.
- 9.** Pinholed concrete surfaces may require TuffDeck Gripcoat™ or a primer. Contact a NaturaSeal Representative for project specific recommendations.

## EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally-safe solvent, as permitted under local regulations, immediately after use.

## SHELF LIFE AND STORAGE

TuffDeck Gripcoat™ has a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

### NATURASEAL NORTH AMERICA

960 Edgeley Blvd. Unit #4,  
 Vaughan, ON L4K 4V4, Canada  
[www.naturaseal.com](http://www.naturaseal.com) | [info@naturaseal.com](mailto:info@naturaseal.com)

### NATURASEAL INTERNATIONAL

The Offices at IBN Battuta Gate 8th Floor Office 804B,  
 P.O. Box 214771, Jabel Ali First, Dubai U.A.E.  
[www.naturaseal.ae](http://www.naturaseal.ae) | [contact.international@naturaseal.ae](mailto:contact.international@naturaseal.ae)

# TuffDeck Gripcoat™

Three Component Waterborne Epoxy Primer

TECHNICAL DATA SHEET TDGC062525NNA01

## CAUTION

TuffDeck Gripcoat™ Side-A Resin contains - IRRITANT, SENSITIZER. Contains epoxy resins. Eye irritant. May cause skin/respiratory irritation. Prolonged and/or repeated contact with skin may cause allergic reaction/sensitization. Deliberate concentration of vapors for purposes of inhalation is harmful and can be fatal.

Harmful if swallowed. Strictly follow all use, handling and storage instructions.

TuffDeck Gripcoat™ Side-B Hardener contains CORROSIVE, SENSITIZER, IRRITANT. Contains amines (mixture). Contact with skin and eyes causes severe burns. Respiratory irritant. May cause eye/skin irritation. Possible skin sensitization/allergic reaction with prolonged or repeated exposure. Harmful if swallowed. Deliberate concentration of vapors for purposes of inhalation is harmful and can be fatal.

## APPROVALS / CERTIFICATE

CE Marking, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

## PRODUCT INFORMATION

| Physical Properties | Typical Results                |
|---------------------|--------------------------------|
| Odour               | None                           |
| Colour              | Side A - White, Side B - Black |
| Packaging           | 13.25 L kit                    |

## TECHNICAL INFORMATION

| Performance (Cured Membrane)                               | ASTM Method | Typical Results                                                      |
|------------------------------------------------------------|-------------|----------------------------------------------------------------------|
| Theoretical Coverage Rate:<br>Various with surface profile |             | 1 gallon/300-450 sqft or<br>300-450 sqft/gallon (0.8-014 liters/sqm) |
| Pot Life 77°F (25°C) @ 50% RH                              |             | 45 - 60 mins.                                                        |
| Cure Time @75°F (24°C) 50% RH                              |             | 3-4 hours                                                            |
| Viscosity, at 75°F (24°C)<br>Side-A & B combined           |             | 150 ± 20 cps                                                         |
| Total Solids by Weight                                     | D2369       | 48.8% ± 2%                                                           |
| Total Solids by Volume                                     | D2697       | 46.8% ± 2%                                                           |
| Volatile Organic Compounds                                 | D2369-07    | 0.2 gms/liter (24 gm/liter)                                          |

Information contained in this data sheet is up-to-date and correct as at the date of issue. All value represented are nominal and subject to 10% tolerance unless noted otherwise.

We warrant that our products are in conformance with the standards of quality control established by NaturaSeal. As we cannot control or anticipate the conditions under which the products may be used, each user should review the information in specific context of the planned use. NaturaSeal makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to NaturaSeal Products.

To the maximum extent permitted by law, we will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. Please contact NaturaSeal for applicable warranty programs and general terms and conditions.

## AFFILIATES



## PIONEERING THE FUTURE TODAY

### NATURASEAL NORTH AMERICA

960 Edgeley Blvd. Unit #4,  
Vaughan, ON L4K 4V4, Canada  
www.naturaseal.com | info@naturaseal.com

### NATURASEAL INTERNATIONAL

The Offices at IBN Battuta Gate 8th Floor Office 804B,  
P.O. Box 214771, Jabel Ali First, Dubai U.A.E.  
www.naturaseal.ae | contact.international@naturaseal.ae