



# BG 2000 SYSTEM

ONE COAT BELOW GRADE WATERPROOFING







## ABOUT MULTICOAT PRODUCTS

For almost 30 years, Multicoat has maintained its reputation for providing the highest caliber of products to the construction industry worldwide. Since our inception we have partnered with well known, and globally respected, raw material manufacturers and suppliers. They supply us with the quality ingredients we demand in order to offer our clients the best possible product. We offer products and systems for pool restoration, deck coatings, sealers and stains, waterproofing, concrete repair, stucco systems and more.

**For more information and technical support, please contact us using any of the following methods.**



### WEST COAST

**Toll Free: (877) 685-8426**

23331 Antonio Parkway  
Rancho Santa Margarita, CA 92688



### EAST COAST

**Toll Free: (800) 660-6729**

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Fraziers Bottom, WV 25082

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## NOTABLE CUSTOMERS



- Sea World Japan
- Hampton Inn
- City of Glendale, AZ
- YMCA
- Angel Stadium
- Mirage Casino
- Wipeout TV Set
- Sheraton
- Ikodomia Greece
- Great Wolfe Lodge
- CAMC Hospital Group
- Colorado Belle Casino
- USC
- Mission Viejo Company
- Disney
- US Embassy—Jamaica
- Lenar Homes
- Union Carbide

The drawings found within this publication are for general knowledge use and your project may require more steps than those shown. Therefore, prior to using any of our products, visit our website, [www.multicoat.com](http://www.multicoat.com) and read all applicable installation instructions and specifications for the specific Multicoat system you are applying. You can also call our toll free numbers for technical assistance

# BG 2000 SYSTEM

## ONE COAT BELOW GRADE WATERPROOFING

### Overview

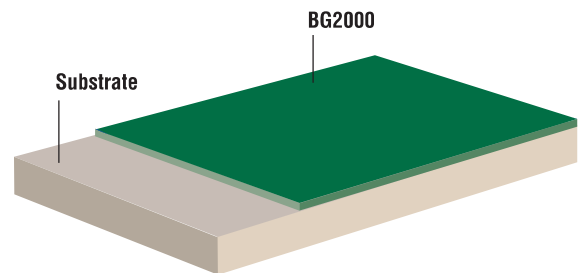
BG 2000 is a unique Acrylic Waterbased coating which forms an elastomeric waterproofing membrane with excellent bonding characteristics to most building materials. Specifically designed for BELOW GRADE AND UNDERLAYMENT applications.

### Advantages:

- Low Cost – Minimum Down Time
- Ease of Application
- Superior Waterproofing
- Excellent Bond Strength
- High Tensile Strength and Elastomeric Properties
- Freeze-Thaw Resistant
- Waterbased – Environmentally Safe to Use and Apply



Below Grade



### Application

**Step 1:** Spray one (1) heavy coat or roll two (2) coats of BG 2000 over area to be waterproofed at a coverage rate of 35-45 sq. ft. per gallon.

**Step 2:** Allow to dry, then backfill. Always use a drainage system at bottom of footing of retaining wall. MULTICOAT'S LASTO DRAIN or equivalent is recommended.

FOR BELOW GRADE AND UNDERLAYMENT WATERPROOFING USE ONLY



### Surface Preparation



Substrate must be structurally sound and free from grease, oil, dirt, dust, sealers, water repellents and other foreign materials which may interfere with proper bonding. Shot blasting, sand blasting, or water sand blasting with minimum 3500 psi may be necessary over some surfaces to achieve proper bonding. On concrete block or slumpstone walls, all head and bed joints must be free of holes and finished flush with block substrate. For poured in place walls, a waterbase form release must be used. If an oil base release is used, it can be completely removed with trisodium phosphate (TSP), power washed and rinsed.



# BG 2000 SYSTEM

## Coverage

35-45 sq. ft. per gallon, one coat. (Coverage may vary due to application method and/or substrate condition.)

## Limitations

- **DO NOT** apply if substrate temperature is below 40°F and falling, above 100°F and rising, or if precipitation is expected within a twenty four (24) hour period after each coat.
- **DO NOT** use if substrate is subject to negative side water or water vapor pressure.

## Packaging And Storage

- Furnished in 5 gallon pails, 55 gallon drums, and 275 gallon totes.
- Store at 40-90°F.
- Shelf life is approximately 18 months in unopened containers.

## Damage Limitation

Seller shall not be liable for any damages, injury, loss, direct or consequential, resulting from its products. The parties intend that the limitation of damages, including consequential damages, applies even if the exclusive remedy provided for herein fails of its essential purpose.

## Exclusive Remedy

Seller's sole obligation, and buyer's exclusive remedy shall be to replace material if found to be defective.



Click On Links For Multicoat Products Website Videos:

**BG2000 System (Below Grade):**

<https://www.multicoat.com/system/below-grade-bg-2000-system/>

**Customer Quoting Tool:**

<https://configurator.multicoat.com/waterproofing-and-water-features/new>

## Warranty Disclaimer

There are no warranties which extend beyond the description of the fact hereof. Seller expressly disclaims all other warranties regarding the use of its products, whether expressed or implied, including the implied warranties of merchantability and for fitness of a particular purpose. Since use of the product is beyond the Seller's control, the Buyer assumes all risk of use.

## Warranty

Materials are guaranteed with respect to uniformity and quality within manufacturer's specifications.

## Laboratory Test Data

### TEST DATA - BG 2000 BELOW GRADE WATERPROOFING

TEST	METHOD	BG 2000 RESULTS
Tensile Bond Adhesion to Concrete	ASTM C-297	335 psi (coh/adh)
Tensile Strength	ASTM D-412	399 psi
Elongation	ASTM D-412	319.3%
Hydrostatic Head effect	12" Water/Film @ 40mil	Pass 96 Hrs/no
Hydro. Pressure	ASTM C-1306	Pass >45 psi <sup>1</sup>

**BG2000  
Below Grade**



**Tremco -  
Tremproof 250GC**



**Tremco -  
Tremproof 250GC**



**Carlisle  
MiraSEAL**



Coverage is approximately 40 sq feet per gallon @ 60 wet mils	✓ 40 sq feet per gallon @ 60 wet mils	25 sq feet per gallon @ 60 wet mils	25 sq feet per gallon	Coverage is only 26 sq feet per gallon
Application is Easy, single pail product (one product for various projects)	✓			
Apply by spraying one coat or rolling two coats (single application product)	✓			
Available in 5, 55 & 275 gallon containers	✓ 5, 55 & 275 gallon containers	5 & 55 gallon containers		
Soft backfill (sand) is acceptable, no need for protective covering	✓			
Shipping: Not Regulated	✓			
Water-based, Environmental and Fish Friendly	✓			
Tensile strenght = 399 psi	✓ 399 psi	200 psi		95 psi
Non-flammable, Conditions to avoid: None	✓			
Acute Toxicity: None	✓			
Low VOC, < 5 g/l	✓ Low VOC, < 5 g/l	VOC < 179 g/l	High VOC, 190 g/l	High VOC, 36 g/l
Shelf Life 18 months	✓ 18 months	12 months	6 months	6 months



# The Specification Guide

