

INTERIOR DAMP PROOFING

Waterproofing



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Overview

BG 2000 is a unique Acrylic Waterbased coating which forms an elastomeric waterproofing membrane with excellent bonding characteristics to most building materials.

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.

Application

Step 1: 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 blasting may be necessary over some surfaces to achieve proper bonding. On concrete block walls, all head and bed joints must be free of holes and finished flush with block substrate. For new poured in place walls, a water-based form release should be used. If an oil base form release must be used the wall must be scrubbed with tri sodium phosphate (TSP), power washed and rinsed.

Substrate should be constructed and designed with all applicable building codes. Visit www.multicoat.com for detailed system drawings. **Multicoat's Vapor Shield should be applied as per instructions sheets.** Concrete substrate: Repair cracks with Multicoat's Speed Bond Crack Repair material. (See Instruction Sheet) All holes, or voids, need to be filled with Multicoat's Speed Mix Hydraulic Cement. (See instruction Sheet)

Step 2: 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.

Quick Reference Guide

STEP	MATERIAL	PURPOSE	COVERAGE
1	Vapor Shield	Waterproofing	75-150 SqFt/Gallon
2	BG2000 (if rolled)	Waterproofing	35-45 SqFt/Gallon



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Coverage

- **Vapor Shield:** 75-150 SF/Gal
 - **BG2000:** 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.

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

TEST

Tensile Bond Adhesion to Concrete
Tensile Strength
Elongation
Hydrostatic Head
effect
Hydro. Pressure

METHOD

ASTM C-297
ASTM D-412
ASTM D-412
12" Water/Film @ 40mil

ASTM C-1306

BG 2000 RESULTS

335 psi (coh/adh)
399 psi
319.3%
Pass 96 Hrs/no

Pass >45 psi¹

¹ The test procedure only calls for taking the pressure to 45 psi but after passing so easily, test was taken up to 80 psi for 3 hours and surface still did not leak.

West Coast

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East Coast

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