

BG 2000

Topping Slab Underlayment Waterproofing

Product Description

BG2000 is an high solid content, VOC compliant, elastomeric waterproofing membrane used for waterproofing Ideally for below grade, backfilled walls, underlayment waterproofing, planters, and split concrete slab construction. BG2000 is supplied as a ready-to-use single component material right out of the bucket. BG2000 is a single component self cure fluid applied membrane. BG2000 forms a seamless, flexible waterproofing membrane that can be applied to almost any type of substrate.

Suitable Substrates:

- Concrete
- Masonry
- ICF
- CMU
- Cement Mortar Beds
- Poured Gypsum underlayment
- Gypsum wallboard
- Plywood
- OSB
- Cement Backer board

Uses:

- Below grade
- Retaining Walls
- Underlayment
- Split Slab
- Planter boxes
- Elevator Pits
- Precast boxes
- ICF



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.

Packaging And Storage

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



Laboratory Test Data

TEST DATA - BG 2000 (UNDERLAYMENT WATERPROOFING)

TEST	METHOD	BG 2000 RESULTS
Perm	ASTM E96	.03
Tensile Bond Adhesion	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 ¹

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

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Product Advantages:

- Advantages:
- Perm Rate .03
- Green Concrete
- UV Stable
- ICF friendly
- Roll or spray on out of the same bucket
- Changes color as it cures - light green to dark green
- Fast curing
- Install brick, stone, tile directly over the membrane
- You can paint directly over the membrane *
- Seamless
- Low VOC
- Non hazmat disposal

Always read and Understand SDS before Use

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. Cracks must be repaired and all potmarks or honeycombs, etc. must be filled with Multicoat's scratch kote 2000, Multicoat's speed mix, or a suitable mortar.

Surface should be dry to touch prior to applying BG2000. For poured in place walls, a waterbase form release should be used. If an oil base release is used, use trisodium phosphate (TSP), power to wash the surface. Once washed thoroughly rinse the surface and let dry before applying BG 2000.

Application

Suitable substrate:

Concrete

ICF

Plywood (exterior)

Masonry

CMU

Cement Mortar Beds

Apply with ¾ inch non-shed nap roller, or an airless sprayer. If using a roller its a 2 coat application one coat at 30 mils let cure then apply a second coat at 30 mils. For a total of 60 mils wet.

When spraying you can spray one thick coat at 60 mils or spray two coats 30 mils let cure then a second coat at 30 mils

Can be applied with an airless sprayer with a 519 tip for best results.

Clean Up

Clean tools soap and water

Material Handling

Material Storage/Disposal

Store securely between 40° F - 90° F in unopened container. Keep tube tightly sealed. Dispose of contents/container in accordance with Local/Regional/ National/ International Regulations. Refer to Safety Data Sheet (SDS) for further information.

Shelf Life and Storage

The shelf life is 12 months for an unopened container from the date of manufacture. Reference the date of manufacture. YYMMDD ex. 190522 is May 22, 2019.

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.



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