



# Black-Top™

## Waterproofing & Anti-fracture Membrane

### Interior/Dry Use Only

Exceeds ANSI A118.10

Exceeds ASTM C-386-89

### Description

Bostik® Black-Top™ is a liquid rubber-based, fabric reinforced, cold roller applied, flexible waterproofing and anti-fracture membrane. Use Black-Top as a waterproofing and/or anti-fracture membrane over properly prepared concrete; structurally-sound, exterior grade plywood (interior/dry use only); cementitious backer board; and existing, well-bonded ceramic tile or cement terrazzo prior to the installation of ceramic or stone tile.

### Directions For Use

Read and understand data sheet completely before beginning installation. Follow applicable NTCA, ANSI and TCNA installation standards.

### Surface Preparation

All surfaces must be clean, dry and smooth; free of voids, projections, loose materials, oil, grease, sealers, curing compounds, waxes and all other surface contaminants that may inhibit proper bond. All surfaces should be between 45°F (8°C) and 85°F (32°C) during application, and for the following 24 hours. All cracks greater than 1/8", gaps due to substrate protrusions, or control joints should be treated by inserting a backer rod or bond breaker tape, and filling the crack/joint with a Bostik recommended urethane adhesive sealant or cement-based patch.

**Application Over Plywood:** Maximum joist spacing shall be 16" on center. Plywood shall be Underlayment Exterior Grade or C-C Plugged Exterior Grade plywood (or better). If the existing floor is less than 1" thick, glue and nail 15/32" or 1/2" APA Underlayment Exterior Grade or C-C Plugged Exterior Grade plywood to the floor. Glue and nail using 5D or 6D (1 1/2" or 2") cement coated screw shank nails 6" on center along the panel edges and a maximum of 8" on center each way throughout the panel. Allow 1/8" gap

between underlayment sheet edges and all areas that abut walls, drains, posts, etc., these areas shall be filled with mortar prior to application of membrane. Clean and rough sand the plywood. Due to the limitations of plywood as a substrate, do not use plywood in exterior, wet interior, or applications subject to heavy/commercial traffic.

**Application Over Existing Ceramic Tile or Cement Terrazo Flooring:** Flooring must be clean and well bonded to substrate. Scarify surface with carborundum stone and thoroughly wash and dry surface. Skim coat with a Bostik recommended latex-modified mortar. Ensure the exposed substrate is suitable for application.

### Mixing

Liquid is ready to use, simply stir and apply.

### Application

As a waterproofing membrane: Pre-treat all cracks (1/8" or less), coves, corners, drains, pipes, board joints, changes in plane, etc. by applying a double application of fabric and liquid. Apply a liberal coat of the liquid, to a 4" wide strip on both sides of the area being treated (8" wide strip), with a heavy



## Typical Physical Properties

| Liquid                                 |                        |
|--|------------------------|
| Color                                  | Blue/Black             |
| Odor                                   | Slight                 |
| Dry Tile                               | 2-4 hours              |
| Fabric                                 |                        |
| Tensile                                | 21-22 lbs              |
| Thickness                              | Approx. 8 mL           |
| Elongation                             | 40%                    |
| Trapezoid Tear Strength                | 250 psi (ANSI REQ 150) |
| 28 Day Compressive Strength            | 3-9 lbs                |
| Exceeds ANSI A118.10 and ASTM C-836-89 |                        |

nap roller to achieve a good saturation of the substrate. Immediately fold in half 6" wide reinforcing fabric and firmly embed into the liquid until there is complete saturation of the material; apply a liberal second coat of liquid to achieve a flat, reinforced, uniformly thick membrane (approximately 20 mils). Let liquid dry to the touch in all areas (approximately 2 hours at 72°F / 50% Relative Humidity).

**Application of Membrane:** Once the surface of the pre-treated area has dried to the touch, apply a liberal coat of the liquid, to a slightly wider area than the width of the fabric, with a heavy-nap roller to achieve a good saturation of the substrate. Immediately and firmly embed the fabric into the liquid until there is complete saturation of the material; apply a liberal second coat of liquid to achieve a flat, reinforced, uniformly thick membrane (approximately 20 mils). Lap fabric a minimum of 2" at the seams. Let liquid dry to the touch in all areas. Apply a final top-coat of the liquid to the entire area being treated. Nominal dry thickness is approximately 20 mils.

**Special Precautions:** Protect membrane from traffic and water exposure until fully cured. In critical installations, flood tests are required prior to application of tile or stone. Allow membrane to cure fully before testing. Approximately 7 days @ 72°F/50% Relative Humidity, or longer in colder weather.

**As an Antifracture/Crack Suppression Membrane:** Pre-treat all cracks (1/8" or less), coves, corners, drains, pipes, board joints, changes in plane, etc. by applying an application of fabric and liquid.

Apply a liberal coat of the liquid, to a 4" wide strip on both sides of the area being treated (8" wide strip), with a heavy-nap roller to achieve a good saturation of the substrate. Immediately and firmly embed 6" wide reinforcing fabric into the liquid until there is complete saturation of the material; apply a liberal second coat of liquid to achieve a flat, reinforced, uniformly thick membrane (20 mils), liquid dry to the touch in all areas (approximately 2 hours at 72°F / 50% Relative Humidity). The membrane should be applied to both sides of the crack/joint a minimum of the width of the tile being installed (i.e. a 12" tile should have a minimum 24" wide membrane).

**Application of Membrane:** Once the surface of the pre-treated area has dried to the touch, apply a liberal coat of the liquid, to a slightly wider area than the width of the fabric, with a heavy-nap roller to achieve a good saturation of the substrate. Immediately and firmly embed the fabric into the liquid until there is complete saturation of the material; apply a liberal second coat of liquid to achieve a flat, reinforced, uniformly thick membrane (approximately 20 mils). Lap fabric a minimum of 2" at the seams. Let liquid dry to the touch in all areas (approximately 2 hours at 72°F / 50% Relative Humidity).

### Curing

Keep all foot traffic off the installation until the material is dry to the touch (approx. 2 hours).

### Clean Up

Clean all tools and equipment with soap and water while liquid is wet.

### Setting Tile & Stone

Once dried, tile/stone may be installed over membrane using Bostik latex modified mortar, 100% solids epoxy, modified epoxy mortar or mastic (organic adhesive). Do not use mastic to install tile under continuous immersion, in steam showers/spas or in wet commercial & institutional applications. Use a suitable latex modified thin set.

Follow datasheet instructions and applicable ANSI A108, TCNA & NCTA specifications for installation of ceramic tile.

### Limitations

- Protect finished membrane until covered with tile, stone, or other protective surfacing. (Membrane must be covered with an approved hard surface flooring material, it is not intended as a finished/wear surface.
- Protect from traffic or water exposure until fully cured, approximately 7 days.
- Unprotected membrane should not be directly exposed to sun or weather for more than 30 days.

- Do not use for terraces, balconies, or as a primary roofing membrane over occupied space.
- Do not use for joints that experience dynamic movement (i.e. expansion joints, structural cracks).
- Do not use in installations where deflection exceeds L/360 (1" in 30 feet).
- Do not apply over oriented strand board, particle board, masonite, luaun, or similar unstable substrates.
- Do not use where negative hydrostatic pressure can occur.
- In critical installations, flood-tests are required prior to application of tile or stone. Allow membrane to cure fully before testing. Approximately 7 days @ 72°F/50% Relative Humidity, or longer in colder weather.
- DO NOT FREEZE. Ship on heated truck when necessary.

### Packaging

6 gallon pails

**WARNING:** Harmful if inhaled or ingested. May cause skin and eye irritation.

**PRECAUTIONS:** Use with Adequate ventilation. Avoid prolonged exposure to vapors. Avoid contact with eyes and skin.

SEE MATERIAL SAFETY DATA SHEET.  
KEEP OUT OF THE REACH OF CHILDREN.

### Limited Warranty

The Limited Warranty for this product can be found at [www.Bostik-US.com/resource-center/warranties](http://www.Bostik-US.com/resource-center/warranties) or by calling 1-800-726-7845 (choose option 2, then option 2 again). TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

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