



GoldPlus™

LATEX WATERPROOFING AND ANTI-FRACTURE MEMBRANE

KEY FEATURES

- Roller-applied for easy application
- Exceeds ANSI A118.10 and A118.12 waterproofing and crack isolation specifications
- 1 hour dry time for fast installation

DESCRIPTION

GoldPlus™ is a ready-to-use, roller-applied, latex waterproofing and anti-fracture membrane for use beneath thin set ceramic tile installations on vertical and horizontal surfaces. GoldPlus™ exceeds the requirements of ANSI A118.10 (specification for waterproofing membranes beneath thin set tile and stone) and ANSI A118.12 specification for crack isolation membranes.

Use GoldPlus™ in commercial or residential applications. Apply over concrete, cement block walls, cement backer board, exterior grade plywood (interior, dry installations only), mortar beds, and poured gypsum-based underlaments.

Use to prevent tile cracking caused by the shrinkage of new concrete slabs and to prevent cracks up to 1/8" from transferring through tile or stone. Use GoldPlus™ to waterproof showers, lavatories, fountains, commercial kitchens and restaurants, etc.

GoldPlus™ contains Bostik's Blockade® antimicrobial protection which helps protect against the growth of bacteria, mold and mildew and enables it to offer resistance to stains caused by mold.

WHERE TO USE

Interior/exterior floors and walls.

DIRECTIONS FOR USE

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

Refer to www.bostik.com/us for the most recent product information and safety data sheet prior to installation.

SURFACE PREPARATION

All wet areas must have proper slope to drains. All surfaces must be structurally sound, clean, dry and free of contaminants that may interfere with proper bond.

NOTE: It is the user's responsibility to determine the condition and suitability of all surfaces before application.



APPLICATION

Ambient temperatures must be at least 50°F (10°C). Apply with a brush, roller or trowel. When applying with a trowel, spread with the notch side (3/16" V-notch) then flatten with the smooth side of the trowel.

Pre-treat all edges, corners, coves and where floor meets walls with a minimum of 6" on either side with a heavy coat, using a brush, roller or 3/16" V-notch trowel. Cracks up to 1/8" and gaps between plywood should be filled with the membrane. When treating cracks in concrete floors, the membrane must extend at least one tile length on either side of the crack. Recommend the use of a 2" wide fiberglass mesh tape to be placed into the fresh GoldPlus™ material to treat corners, coves and in-plane substrate changes.

After pre-treatment of coves and corners, apply a continuous film at 20-30 mil (thickness of a drivers license) over the remaining area. Allow it to dry for 1 hour.

Install tile or stone over the cured GoldPlus™ membrane with any Bostik polymer-modified mortar meeting ANSI A118.4.

ANSI A118.10 TEST RESULTS

Test	Result	ANSI Requirement
M-4.1 Mold Growth	Does not support mold	Shall not support mold growth
M-4.3 Breaking Strength	355 psi	170 psi minimum
M-4.2 Seam Strength	30 lbs/2" width	6 lbs/2" width
M-4.5 Waterproofness	No moisture penetration @ 48 hours	No moisture penetration @ 48 hours
M-5.3 7-Day Shear Strength	205 psi	> 50 psi
M-5.5 7-Day Water Immersion	100 psi	> 50 psi
M-5.6 4-Week Shear	165 psi	> 50 psi

Bonding to Poured Gypsum-Based Underlayments

Poured gypsum-based underlayments must achieve a minimum of 2000 psi (13.8 MPa) compressive strength when tested per ASTM C472 modified and meet performance requirements of ASTM C627 for anticipated service level designated by the specifier for intended use. The intended use area must be an interior dry area only. The poured gypsum-based underlayment must be dry, free of dust and debris, structurally sound and meet the maximum allowable deflection standard stated in the current ANSI/TCNA guidelines. Expansion joints are mandatory per ANSI/TCNA EJ171 guidelines.

The application of GoldPlus™ over poured gypsum-based underlayment is a two step process. Begin by priming the poured gypsum-based underlayment with 1 part GoldPlus™ diluted with 3 parts of clean cool water mixed in a clean pail. Slowly blend in pail until a lump-free solution is achieved. Apply the solution to the surface using a roller, brush, or broom to obtain an even coat across the surface at a rate of 300 ft²/gallon. When the first coat is dry, apply a second continuous coat (un-diluted) of GoldPlus™, at a wet film thickness of 30 mil, to the primed area

DRY TIME

GoldPlus™ requires 1 hour dry time at 50% RH/70°F (21°C) before installing tile or applying the second coat. Higher humidity environments will extend the dry time. The color will change from pale yellow to gold upon full cure.

FLOOD TESTING

If flood testing is required, follow the guidelines per ASTM D5957. Allow GoldPlus™ to cure at least 24 hours at 70°F (21°C) and 50% RH. Actual curing time depends on air and substrate temperature, substrate porosity and humidity. Expect shorter drying times in warmer conditions and longer drying times in cooler conditions.

COVERAGE

45 ft²/gallon with a thickness of 30 mil wet/20 mil dry GoldPlus™ layer. Coverage will vary depending on the roughness of the substrate.

CLEAN-UP

GoldPlus™ is difficult to remove once it has dried. Clean all tools and equipment with soap and water before the material dries.

LIMITATIONS

- Do not freeze
- Do not apply if surface temperature will be less than 50°F (10°C) within 72 hours
- Do not apply over wet surfaces or surfaces subject to hydrostatic head

- Do not use to bridge dynamic joints such as cold, control or expansion joints
- Do not use as an adhesive
- Do not use as a wear surface
- Not intended to isolate cracks larger than 1/8" wide or those caused by excessive structural movement
- Not for use as a vapor barrier to eliminate subfloor moisture
- Wet areas must be sloped to drain according to TCNA guidelines
- GoldPlus™ must have minimum dry film thickness of 20 mil (roughly the thickness of a drivers license).

PACKAGING

3.5 gallon pails and 1 gallon pails (4 per case). Sold in full cases only.

WARNING

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. Do not breathe fumes. Do not get in eyes, on skin or on clothing. Use with adequate ventilation or wear mask. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container.

KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT

Contains proprietary polymer. If in eyes or on skin, rinse with water for at least 15 minutes. If breathed in, move person to fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

SEE SAFETY DATA SHEET

CHEMICAL EMERGENCY: 800-424-9300 (USA), 703-527-3887 (International)

MEDICAL EMERGENCY: 866-767-5089

STORAGE/SHELF LIFE

Store in a clean, dry area, off the ground on a pallet, not affected by freezing or hot temperatures. Shelf life is one year from date of manufacturing in unopened containers.

Re-Seal Partially Used Container: With pail upright place a sheet of plastic (e.g., trash bag) over the top of the pail. Secure lid tightly over the plastic on top of pail. Plastic will help prevent the material from bonding the lid closed.

Re-Open Partially Used Container: Remove lid. Carefully cut and discard cured material and plastic from top of pail. Any uncured material may be used.

VOC <80 g/L (as calculated per SCAQMD 1113)

FIGURE 1

Waterproofing/Anti-fracture Membrane Ceramic Tile Floors

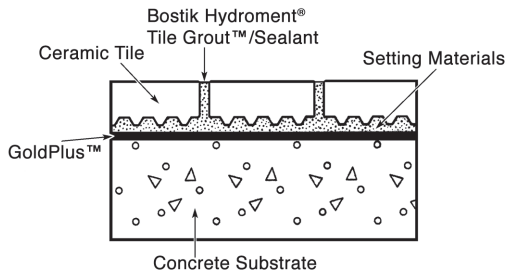


FIGURE 2

Waterproofing/Anti-fracture Membrane Ceramic Tile Floors

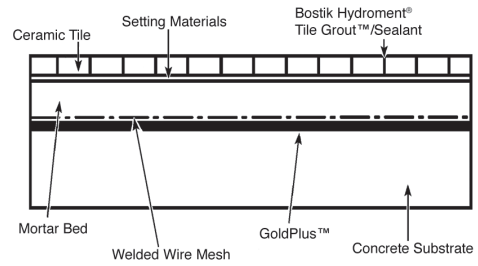


FIGURE 3

Shower Drain Detail With Sand/Cement Pre-Float

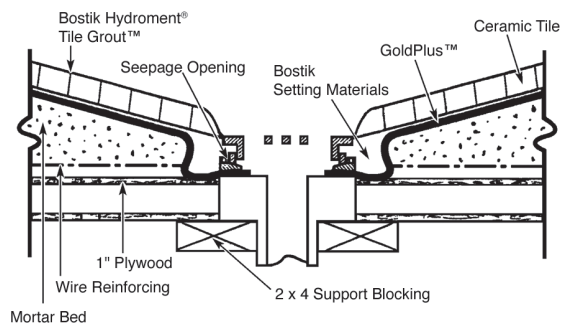


FIGURE 4

Bathtub Walls

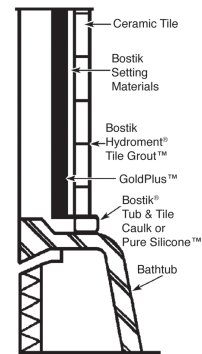


FIGURE 5

Shower Stall Wall

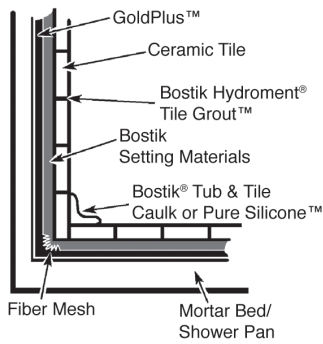


FIGURE 6

Interior Control Joint Treatment

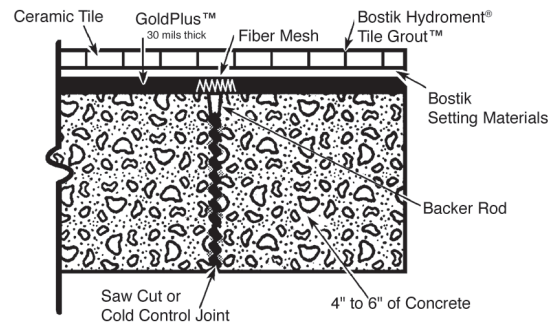


FIGURE 7

Expansion Joint Treatment

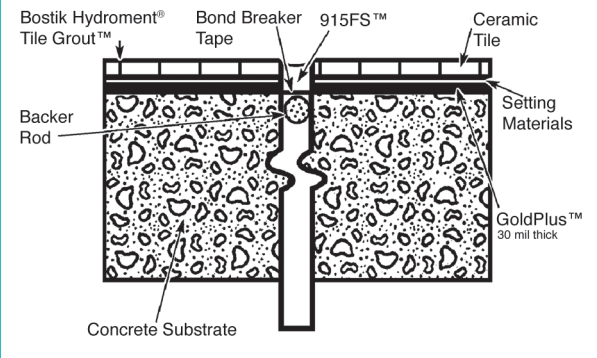


FIGURE 8

Treatment of Isolation Joints (columns, pillars, walls, etc.)

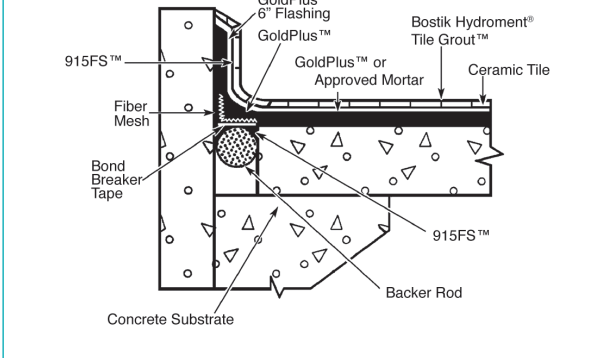
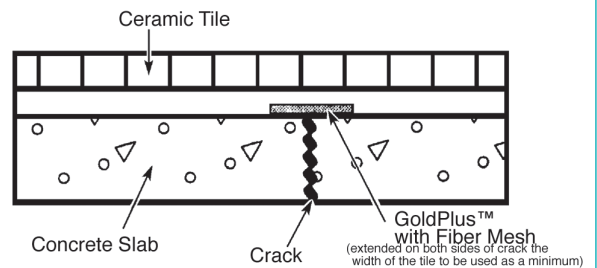


FIGURE 9

Interior Crack Treatment Less Than 1/8"



LIMITED WARRANTY

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BOSTIK HOTLINE

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