



High Performance Moisture Mitigation

Application Instructions: Admix Roof System

1. A float or broom finish is recommended for an exceptional mechanical as well as chemical bond between the finished concrete slab and the BondTite 1503.
2. A steel troweled, high speed, burnished (shiny) finish will inhibit the bond-ability, extends finish times, adds labor costs and increases the possibility of the BondTite 1503 delaminating from the concrete slab.
3. Do not apply any curing compounds or cover the slab prior to the BondTite 1503 application.
4. Remove any contaminants from the surface of the slab.
5. Use a low pressure sprayer to apply BondTite 1503 to the surface. Spray in an even manner. Apply at a rate of 1 gallon per 500 ft². Measured sections in 500 ft² increments are suggested to assure correct coverage. Back rolling during the spray application is required. A ¼" nap roller 18" wide is recommended. Dampen roller with BondTite 1503 prior to rolling.
6. Strict adherence to mixing instructions for the BondTite 1503 is mandatory.
7. A battery powered backpack sprayer is recommended and can be purchased from Northern Tool & Equipment / www.northerntool.com / Hudson Never Pump Backpack Sprayer / Item #13854.
8. Working time after mixing the BondTite 1503 is 60 to 90 minutes, depending on temperature. Do not mix more BondTite than can be applied in that time frame. Flush sprayer thoroughly with clean water prior to the BondTite 1503 reaching "Gel" state.

MIXING INSTRUCTIONS FOR BOND TITE 1503:

BondTite 1503 is packaged in pre-measured containers consisting of Resin Part A and Hardener Part B which must be mixed together before use. The mixing of this product is critical and should be carefully followed; using a mechanical mixer (such as a drill) with a proper mixing attachment (jiffy mixer). Once mixing begins, it is continuous throughout the process.

- Begin by mixing Part B (Larger Container) by itself for 30 seconds.
- After mixing Part B for 30 seconds on its own, add Part A (Small Container) to Part B all the while Part B remains under agitation (mixing does not stop).
- Mix the combined parts (A and B) for 3 minutes. (This 3 minute mixing time is critical as the two components **must** react for 3 minutes prior to taking further steps.
- Mixture will turn a milky white with a slight green tint.
- After the 3 minute mixing cycle, add 25% (1/4) of Part C (water) while the mixer continues to mix; the water must be at least 50°F.
- Mix for 60 seconds with high agitation.
- Add the second 25% of water and mix for 45 seconds.
- Add the last 50% of water and mix an additional 30 seconds or until uniformly mixed.

One Gallon Unit:

After mixing Part A and Part B following the instructions above, add enough water, 25% at a time, until the one gallon pail being used to mix Part A and Part B is full. Follow the instructions above carefully. It is imperative that mixing is continuous during the addition of water.

Three Gallon Unit:

The three gallon unit needs to be mixed in a larger pail (at least 3.5 gallons).

After mixing Part A and Part B in a larger pail for 3 minutes **add 2 gallons of water that is minimum 50°F following the instructions below** (the 1 gallon pail that contained Part B can be used to measure the 2 gallons needed).

After the 3 minute mixing cycle of Part A and Part B and while the mixer continues to mix, add ½ gallon of the water and mix aggressively for 60 seconds. Then while continuing to mix, add an additional ½ gallon and mix aggressively for 45 seconds. While continuing to mix, add the remaining 1 gallon of water and mix for a minimum of 30 seconds or until a uniform consistency is obtained.

Barrier-1 Inc.: Voice: 877.224.5850 • Fax: 866.594.3490
E-mail: info@barrier-1.com • website: www.barrier-1.com

This product is made exclusively for Barrier-1 by:

Wolverine Coatings Corporation • Voice: 864.342.9292
Fax: 864.342.0695 • www.WolverineCoatings.com

