



Installation Process



Base Blend Coat(s)

Uniqueness of this product

Granicrete Base Blend (Base+) is a high strength polymer-modified grout mix used to base or skim coat over existing concrete, Kool-deck®, or masonry surfaces. It has a self-leveling property that reduces trowel marks on the surface. When topically colored it receives the dispersion slightly different than the Granicrete Texture Blend which helps to maintain uniqueness when the Base Blend is being used for grout lines.

After 7 days, the typical comprehensive strength is over 4,900 psi. This is nearly equivalent to many competitors for their 28 day tests. Our 28-day test comes in higher than most competitors at nearly 5,800 psi.

When, where, and why to use

A base coat is not always necessary. If you are covering a flat surface or other surface that does not have to be leveled first, you may simply apply a coat of Texture in place of the Base. However certain substrates always need a base coat: wood (see special instructions above), exposed aggregate, Kool-deck, tile, or anything that is not flat or even. You can also put down a base coat if you are looking to level a substrate such as grout lines from tile. Another benefit of Base Blend is that it topically receives dispersion color differently from Texture Blend which helps to keep your created grout lines from blending with the color of the stone finish

How to mix and introduce color

In a 5 gallon pail mixed with 2:1 mixture of water and Super Concentrated Polymer (resin). This would be 4 quarts of water and 2 quarts of resin.

[If heat or lack of humidity causes the slump to be too thick, you may consider adding up to one quart more water before your final mixing.]

Always add Base Blend to liquid to insure a consistent blend. Mix must sit for 15 minutes before use and then be mixed again before troweling.

- 1) Use two clean 5 gallon pails.
- 2) In one pail measure and mix 2 parts water and 1 part resin together (i.e. 2 gallons water and 1 gallon resin). Using ½+drill and mixing paddle blend this together.

- 3) Take 6 quarts of the water-resin solution from the pail and place into the remaining clean 5 gallon pail,
- 4) Add precise amount of integral color using our dispersion colorants.
- 5) Add ½ the bag of Base Blend and mix using ½+drill and mixing paddle. (Do not %ide+your mixing paddle into the bottom and sides of the bucket. The blades will scrape off plastic from the pail and will need to be picked out while troweling.)
- 6) Add the other half of the bag and mix thoroughly.
- 7) If after mixing the entire bag of Base Blend the slump is too thick and not a milkshake consistency, then add a little more of the 2:1 mix from the first bucket. (You may need to do this when working in warm arid temperatures and when your water or Base Blend are warm.)
- 8) The color of your mix is about twice as dark as it will be when dry. If you need to add more color, now would be the time to do so. Thoroughly blend again.
- 9) Note the amount of color and water-resin solution used and repeat for each bag of Base Blend you will trowel for color consistency across the floor.
- 10) Allow Base Blend to sit in the pail for 10-15 minutes for additives to activate (slake).
- 11) Mix again and then begin to trowel.
- 12) Periodic mixing of the mix in the bucket during troweling is also recommended.

Ways to trowel

Apply the Base Blend *thin* (about 1/16+) using a pool trowel or Magic Trowel squeegee. The Base Blend should fully cover the underlayment not permitting any of the underlayment to show through. If the material seems to have the sand settling as it is troweled or begins to mottle as it dries, then it is likely installed too thick or hasn't been allowed to slake properly. Wait 10 additional minutes and then remix. Put down only enough material as necessary to cover the surface.

- Edge joints as sides as you move along.
- Keep joints free of material allowing for ¼+1/8+gap from side of the joint to the other.
- Pull material down the outside perimeter edges of the slab to desired depth of look which you had taped.
- Watch for out gassing which will be evident by pinholes appearing after texturing. Outgassing is more often prevalent in warmer temperatures or with highly porous cement. The cement tends to suck the moisture out of the mix down into the pores where it becomes trapped, turns into carbon dioxide and then %burps+the gas back up through the texture leaving the pinhole. If this occurs you can trowel over the area or choose to prime the area with 2 parts water and 1 part resin mix before taping or doing your texture coat. Outgassing is minimized through adequate priming before troweling.
- Try to maintain a wet edge by avoiding troweling in straight lines.

Yield . coverage

Coverage should be 150 to 250 sq/ft per bag.

Necessity of full drying

Drying times will depend on weather or room conditions. Use fans to speed up drying times. It is necessary to have the Base Blend be fully dry before taping or applying a second coat of overlay. Without ample drying, the tape may not adhere well and where it does there can be a chance the part of the Base Mix may be pulled up at the time the tape is pulled in the overlay process. You can observe drying and also feel the drying by walking on it in your socks. If you can feel moisture to the sock, the Base Blend is still not dry. (This same observation is done for the Granicrete Texture Blend.)

All materials herein are for the use by Granicrete's Certified Independent Distributors and Independent Installers only.

This material may not be used for training purposes other than by Granicrete corporate or by its contracted distributor.

Reproduction is strictly prohibited.

© 2009 Granicrete International, Inc. All Rights Reserved.