



Vikote 9080BL/9086BL BRUSHABLE POLYUREA **FOR PROFESSIONAL USE ONLY**

Be Sure To Read and Understand All Instructions Prior to Starting Application

When working with product, use proper protection to avoid skin and eye contact.

Surface Preparation

Make sure that substrate has been prepared according to manufacturer's specifications for that particular substrate. Since every substrate will have different exposures, and since similar type substrates vary greatly in their original composition and in their installation techniques, an adhesion test should always be performed. For example, some concrete floors have had special ad-mixtures incorporated into the original concrete formulation to provide specific properties that may hinder adhesion characteristics of any coating.

All cracks, joints, and seams should be filled with a polyurea, high elastomer material prior to coating. Vikon 8020SLR2 or Patch & Go or similar product is recommended. Avoid acrylic caulks or any compound with silicone.

If primer is used, use only primer specified by manufacturer. If manufacturer's specified primer (Vikon W-3) is used, 9080BL BRUSHABLE POLYUREA should be applied within 24 hours of priming, to assure adhesion. Allow the primer to become "tack-free" before coating with 9080BL BRUSHABLE POLYUREA – usually 2 hours. Surface should not be allowed to get wet between primer coat and applying 9080BL BRUSHABLE POLYUREA.

If primer is not used, the first coat of the 9080BL BRUSHABLE POLYUREA will serve as the primer.

- The surface must be clean and dry to achieve proper adhesion.
- Certainly if there are any other coatings already present, you will need to ensure that they are either bonded well, or remove them if they are not bonded well. We do know that 9080BL BRUSHABLE POLYUREA will not have good adhesion to an acrylic coating.
- If applicable, the floor should be prepped by degreasing with a degreaser, then mechanically abraded to achieve a 3-5 mil anchor profile.

Application of Basecoat

- Tape out application area
- Make sure that substrate temperature is above 40 F.
- Before combining parts A and B, mix side B thoroughly so that pigmentation is uniform.
 - Side B must be mixed completely by itself to re-disperse any settled pigment.
 - A Drill (Variable Speed to not entrap air) with a "Jiffy Mixer", "Squirrel Mixer" or "Rabbit Mixer" may be used. DO NOT USE a drywall mud mixer or hand mixer. Be sure to submerge mixer into Side B material fully before beginning



mixing and keep mixer fully submerged during mixing. Do not entrap any air into material during mixing process.

- Scrape the sides and bottom of pail where pigment can accumulate.
- Before combining parts A and B, stir side A gently but thoroughly by hand (no drill mixer required).
- After Side B has been thoroughly mixed, mix equal parts A and B together in clean container. Measure carefully: unequal portions will result in undesirable results.
- Stir for 1-5 minutes, until thoroughly mixed.
 - Mixing Side A and Side B together may be done by hand mixing – drill not required.
- Be careful not to introduce air into the mixture. Stir product while mixing; do not “whip”.
- **Mix only enough product that can be applied in 10-20 minutes. We recommend you start with a small batch size. Be aware that batch size can also affect pot life, because the material is exothermic.**
- A clean container must be used with each new mix, otherwise, gel time will decrease. The mixing container can be cleaned with acetone and rag. (You may be able to let the used container sit while you are working the job, and later pull the coating out as one film. Using this method, you will be able to re-use the mixing containers.)
- Pot life (working time): 10-20 minutes (temperature dependent); longer if product is colder; shorter if product is warmer. Adding acetone (up to 10%) to mixed product will extend working time. (Check any appropriate regulations prior to adding acetone.) Batch size can also affect pot life.
- Apply the 9080BL BRUSHABLE POLYUREA to the substrate with uniform motion.
- ONLY mix the amount of material that you can apply before the coating starts to gel. This can be determined by the increasing thickness in the paint tray. Calculate and verify amount of 9080BL BRUSHABLE POLYUREA being used to ensure correct coverage before starting. Remember that there are about 1600 mil sq. ft. in a gallon, or approximately 400 mil sq. ft. in a quart. Therefore, one quart should cover 80 sq. ft. at 5 mils and 40 sq. ft. at 10 mils.

Broadcasting the Aggregate, if Desired

- Broadcast aggregate into the Basecoat before the Basecoat loses its tack. (Generally, prior to 30 minutes, depending upon atmospheric conditions.)
- Broadcast aggregate with a trigger functional, air-assisted hopper gun, or, alternatively, by hand method (i.e. Seed Spreader). Hopper gun is preferred to achieve more even results.
- Practice spreading aggregate evenly, on practice surface where aggregate can be seen, before broadcasting over coating.
- If using hopper gun, short, intermittent trigger action with gun angled at substrate and standing several feet away will give best results. Remember, when spraying aggregate at the floor near a wall, any aggregate hitting the wall will bounce back onto the floor near the wall, giving a heavy aggregate band area next to the wall.



- Use the light reflection off of the Basecoat to monitor and adjust the rate of aggregate coverage
- Ensure aggregate adhesion before continuing.
- Have the hopper gun “ready and waiting” while applying the Basecoat.
- Sweep off excess aggregate by hand broom or by air blower prior to applying the topcoat.
- Repair any areas deficient in aggregate, non-uniform in surface profile, or with other irregularities.

Applying the Topcoat

- Apply the 9080BL BRUSHABLE POLYUREA Topcoat to the Basecoat with aggregate while ensuring uniform coverage and consistency of color.
- The time between first and second coat is important for good adhesion. Recoating may begin after first coat is completely set up. This is evidenced when the coating is completely dry to touch or you can walk on the coating and not leave any tracks. The TOPCOAT should then be applied within 8 hours.
- Return to Service: 8-48 hours light duty; 72 hours full duty.
- Do not expose to rain or moisture for 24 hours.
- Coating is fully cured in 48 hours.

Equipment:

Use ¼” to 3/8” foam rollers for application.

Note: Use the “black” foam, not the “yellow” foam rollers.

Good quality roller pins are suggested.

Paint tray with disposable paint tray liners.

Measuring and mixing containers.

Stirring equipment and stirring sticks.

LIMITED WARRANTY: This product is warranted to be of good quality when used according to the manufacturer's directions. It is not warranted for any other use or purpose. If proved to be defective, liability is limited to replacement of defective material, or refund of the purchase price of the material, at the option of Vikon Coatings. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturer's or its dealer's responsibility. There are no other warranties, either expressed or implied. Vikon Coatings will not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of this product.

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