

Bond Coat & Broom Finish

Step 1

Clean the surface with Concreation 700 Cleaner to remove oil, grease, dirt or any other contaminants and etch the surface to provide a sufficient bond. Next, pressure wash the surface at close range using a 3000 psi pressure washer to clean and rinse. It is recommended that a neutral wash of Concreation 750 Cleaner be used following the wash with Concreation 700 Cleaner to balance the pH. Refer to Concreation 700 Cleaner and Concreation 750 Cleaner for detailed application instructions. Shot blasting is another popular method for preparing the surface, especially for indoor jobs.

Step 2

After cleaning the surface; fix any cracks in need of repair using the Concreation Patching & Crack Repair System. Refer to Concreation Patching & Crack Repair System for more detailed information on the steps required for different applications. Crack repairs are not guaranteed but always recommended before resurfacing.

Step 3

The Concreation Bond Coat & Broom Finish can also be used to fill in low spots, level an uneven surface or re-pitch areas with improper drainage. This usually is done in the first application of Concreation Bond Coat & Broom Finish. If the areas in question are severely damaged refer to the Concreation Patching & Crack Repair System for more detailed instructions.

Step 4

Mix 6 gal. of water per bag of Concreation Bond Coat & Broom Finish. Use a high speed mixing drill to ensure a consistent mix. The Concreation Bond Coat & Broom Finish can be mixed with slightly less water for the final application of broom finish coat.

Step 5

For the first application surface should be coated with a light fog of water in 100-200 sq. ft. sections at a time. Be careful not to spray too much water. Pour the Concreation Bond Coat & Broom Finish along the starting edge over the water-dampened surface. Spread the material as thin as possible, less than 1/16" next to the starting edge using a 24" metal edge squeegee. Squeegee the material from side to side in straight rows to cover the surface and achieve as smooth of a finish as possible. Press firmly on the squeegee and overlap each pass half way as you make the next pass and so on.

Step 6

Before applying a second coat of Concreation Bond Coat & Broom Finish grind or sand any ridges or squeegee marks in the first coat smooth. All expansion and control joints can be filled in during the Concreation Bond Coat & Broom Finish application but must be cleaned out using a scraper or trowel before the material in the joints gets too hard. Wait until the surface is dry enough to walk on, and the thicker material in the joints is soft but not wet, so it can be removed without damaging the finished surface.

Step 7

If a broom finish is desired, squeegee the Concreation Bond Coat & Broom Finish over the dampened surface, one row at a time and immediately follow behind the squeegee with a concrete finishing broom to leave the broom finish texture desired. For the best results apply during the coolest part of the day, work quickly, keep the surface wet ahead of the mix and always stop and start at the edge or a joint to avoid seam lines. This is not required if Concreation Overlay Stamp Mix is being used after the Concreation Bond Coat & Broom Finish application. If Concreation Overlay Stamp Mix is being used follow behind the wet bond coat directly with the Concreation Overlay Stamp Mix.