

# SURFACE MAINTENANCE



## WHY?

Over time in heavily used areas, the surface of any porous pavement can show signs of wear. Proper maintenance will certainly prolong the life of Porous Pave. Applying a top coat of binder will restore the surface to “like new” condition.

## WHEN

There is no set date from time of install to required overspray time. Overspraying should be done as needed. Some jobs can last six years before required maintenance and other areas such as parking lots, playgrounds or other high wear areas may need yearly or bi-yearly maintenance. The installer should inform the client what signs to be looking for so the area does not get worn beyond the point of repair.

## PREPPING THE SURFACE

- Be sure to blow/sweep the surface of the Porous Pave prior to applying the binder.
- Make sure all leaves, sticks, stones and other surface debris are removed before application.
- Vacuuming the surface with a shop vac, lawn vac or street sweeper may be necessary if dirt, sediment or leaves remain after blowing/sweeping has been completed.

## COLORANT

In some cases the client may want to restore the original color when doing the overspray. This can be done by mixing Porous Pave colorant in with the thinned binder.

- All eight colors are offered, all colors will darken similar to original install
- One gallon of colorant is to be mixed per five gallons of binder and one gallon of thinner
- Oversprays with colorant will cover up the “dark spots” from the stone pieces. This will cause the entire surface to be a consistent color

## CAUTION

When applying binder with a sprayer it is imperative that all skin be covered and a mask is worn. The binder is very sticky and a small amount of airborne mist will be created from the sprayer. Protect surrounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be covered.

***ALWAYS follow all safety precautions found in the binder MSDS sheet at [www.porouspaveinc.com](http://www.porouspaveinc.com)***



**SPRAYER APPLICATION**



**ROLLER APPLICATION**

# SPRAYER APPLICATION



## TOOLS

Applying a binder overspray does not require many tools and is quite a simple process.

- Airless sprayer: We suggest an airless sprayer with a “suction hose” this hose will lay in the bucket or tote that contains the thinned binder. Some sprayers have a fixed hose that could make it hard to spray the binder from an oversized bucket or tote.
- Nozzle size: Using the largest tip available will be the most effective way to complete the surface overspray.
- Materials plus two extra pails of BT128 for cleaning the sprayer upon completion
- Tote or large mixing bucket

## THINNING THE BINDER

Application of straight binder without thinner will be too thick and will not filter through the product, this will cause the surface to become plugged and result in a foamy, impermeable surface.

- Mix one gallon of Porous Pave Binder Thinner (BT128) into one five gallon pail of binder. Stir consistently until thinner mixes with the binder. If colorant is needed add that in the same mix at this time.
- Initially the BT128 will sit on top of the thicker binder, however after approximately 30-40 seconds of mixing the thinner will mix into the binder creating a thinner, easier to apply material.
- One gallon of BT128 mixed with five gallons of binder will cover 550-600 square feet when installing with a sprayer
- ***The binder must be thinned with BT128 prior to applying!***



## CAUTION

When applying binder with a sprayer it is imperative that all skin be covered and a mask is worn. The binder is very sticky and a small amount of airborne mist will be created from the sprayer.

Protect surrounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be protected.

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# SPRAYER APPLICATION



## SPRAYING METHOD

The most efficient way to complete the overspray as quickly and consistently as possible will be to purchase a 10-15 gallon tote as your “spray tray”. The first mix will need to be mixed in the tote.

- Once the first mix is in the tote the empty pail can be used as a mixing bucket. Pour 2.5 gallons of binder with a half gallon of BT128 (if necessary add a half gallon of colorant) then mix the product in that bucket.
- Once mixed then carefully pour the thinned binder into the tote. Continuously repeat this process so that the sprayer can spray the mixed binder from the tote and there will be no need to stop.
- If done correctly this will eliminate the need to stop spraying when the sprayer stops or moves the hose will likely develop air bubbles in the hose line. Mixing and spraying using this method will result in the most consistent, quick and even overspray.

## DISTRIBUTING AN EVEN APPLICATION

An even spray is required to ensure the entire surface is coated with the proper amount of binder to provide the best performance.

- Place a marker every 600 square feet and be sure to evenly spread the thinned binder throughout the area

## CLEANING THE SPRAYER

When finished for the day or upon completion of the install, it is essential the proper cleanup steps are taken to ensure the sprayer will not be ruined.

- Once finished run one gallon of BT128 through the sprayer two-three times.
- Take a fresh batch of BT128 and rinse the sprayer one final time.



## CAUTION

When applying binder with a sprayer it is imperative that all skin be covered and a mask is worn. The binder is very sticky and a small amount of airborne mist will be created from the sprayer.

Protect surrounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be protected.

***ALWAYS follow all safety precautions found in the binder MSDS sheet at [www.porouspaveinc.com](http://www.porouspaveinc.com)***

# ROLLER APPLICATION



## THINNING THE BINDER

Application of straight binder without thinner will be too thick and will not filter through the product; this will cause the surface to become plugged and result in a foamy, impermeable surface.

- Mix one gallon of Porous Pave Binder Thinner into one five gallon pail of binder. Stir consistently until thinner mixes with the binder. If colorant is needed add that in the same mix at this time.
- Initially the Porous Pave Binder Thinner will sit on top of the thicker binder, however after approximately 30 seconds of mixing the thinner will mix into the binder creating a thinner, easier to apply material.
- One gallon of Porous Pave Binder Thinner mixed with five gallons of binder will cover approximately 300 square feet when installing with a roller.
- Once Porous Pave B5HN binder is thinned it can be applied by a standard paint roller. The binder must be thinned with Porous Pave Binder Thinner prior to applying!



## ROLLING METHOD

The most efficient way to complete the rolling overspray as quickly and consistently as possible will be to purchase a large paint tray. This will be used to get the thinned binder onto the roller evenly.

- Once the first mix is in the tray the empty pail can be used as a mixing bucket. Pour 2.5 gallons of binder with a half gallon of thinner (if necessary add a half gallon of colorant) then mix the product in that bucket.
- Once mixed then carefully pour the thinned binder into the paint tray. Continuously repeat this process so that the roller can roll the mixed binder from the tray and there will be no need to stop.
- If done correctly this will eliminate the need to stop rolling. Mixing and rolling using this method will result in the most consistent, quick and even overspray using a roller.
- Use a  $\frac{3}{4}$ " nap roller cover for best results, a Purdy Collosus 18" roller with  $\frac{3}{4}$ " knap is available from Sherwin Williams (or equivalent).



## DISTRIBUTING AN EVEN APPLICATION

An even application is required to ensure the entire surface is coated with the proper amount of binder to provide the best performance.

- Place a marker around 300 square feet and be sure to evenly spread the pail of thinned binder throughout the area.
- Continually move your marker 300 square feet at a time throughout the installation to cover the entire area with one even coat of binder.

## CAUTION

When applying binder with a roller it is imperative that all skin be covered, the binder is very sticky. Protect surrounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be covered.

**ALWAYS follow all safety precautions found in the binder MSDS sheet at [www.porouspaveinc.com](http://www.porouspaveinc.com)**