

Seal-A-Pore®, Seal-A-Pore WB, Seal-A-Pore HP

Application Guidelines



DESCRIPTION

This guide covers proper application tips when applying Seal-A-Pore, Seal-A-Pore WB and Seal-A-Pore HP. A light-duty pump sprayer is the most effective method of application particularly on large areas and irregular vertical surfaces for Seal-A-Pore and Seal-A-Pore WB. Seal-A-Pore HP requires a more industrial sprayer that has solvent resistant seals and O-rings. Gas-powered spray equipment can also be used but is not necessary (consult with equipment manufacturer for recommendations). Air-atomized application is not permitted due to risk of material loss into the air. Personnel using these products should familiarize themselves with proper procedures for personal safety, workplace precautions, equipment operation manuals (instruction booklet) or guide posted on the spray manufacturer's website. Prior to spraying this material, survey the surrounding area to ensure no automobiles or any other personal property will be in an area susceptible to overspray of the material.

APPLICATION

Surface and Preparation

All surfaces to be treated or sealed must be free of all dirt, excess mortar, loose particles and all foreign materials. If any repair material is applied to the substrate, consult information from the repair material manufacturer to verify the amount of cure time required prior to the subsequent application of a coating or sealer. Remove salt deposits from previous efflorescence by washing with diluted muriatic acid and flush with water (only if necessary). Grease and oil stains must be removed using high strength detergents or cleaning solvents. Immediately rinse with water after cleaning with cleaners or chemicals of any sort. Repoint all joints with loose mortar or where mortar is missing. Repair all hairline cracks or larger cracks by terminating them in a T formation repair followed by tooling in Garland's Tuff-Stuff® MS or Green-Lock® Sealant XL. Repair all holes using an approved patch material. Allow new masonry walls to cure for at least 2 to 3 weeks (refer to mortar or tuck point material manufacturers' specification for approved time frame) before applying Seal-A-Pore, Seal-A-Pore WB or Seal-A-Pore HP. Seal off ventilation intakes within the application areas.

Brush and Sprayer Application

Apply Seal-A-Pore, Seal-A-Pore WB and Seal-A-Pore HP with a wide brush until the surface appears shiny and wet, ensuring no pinholes or gaps are present. Do not allow the material to puddle. When using a brush for application, just dab or splash the material onto the substrate in two separate applications by way of opposing directions. When using a sprayer, be sure to use a low pressure, solvent resistant, airless or pump sprayer equipped with a fan nozzle orifice of 0.025" to 0.030" at 0.5 gpm. The optimum spray pattern is an 8" to 12" (20.32 cm to 30.48 cm) fan. Hold sprayer tip 8" to 12" (20.32 cm to 30.48 cm) from the surface of the concrete. Begin application at the bottom, working your way up while allowing a 6" to 12" (15.24 cm to 30.48 cm) run down. Excessive run down or over application can cause discoloration of the substrate. Use a spray nozzle with a coarse, round tip to obtain a generous, rather than a fine, misty spray. Apply one even coat from the bottom up with a low-pressure pump sprayer. Use a medium spray fan pattern to start and adjust as desired toward a good wetted out surface. Seal-A-Pore products are thin sealers and do not brush out like paint. Apply two coats minimum and, if desired, additional coats. Apply the second coat as soon as the first coat has penetrated the surface and feels damp, but is no longer wet.

Do not use a roller for application other than back rolling after spraying to even out the sealer. An additional (third) coat may be needed on the side of the building or structure that takes the most abuse from weather, UV exposure, or anything else that could wear the surface away. A third coat may also be needed if the masonry surface is more porous than usual. For best results, apply in the evening, out of direct sunlight, at cooler temperatures. When applying in direct sunlight and over hot surfaces, spray with a mist of water and then apply any of the three Seal-A-Pore products immediately on dampened surface. Do not install this product over a pretreated or pre-coated surface.

SPRAYING TIPS

1. Water test sprayer before each use
2. Ensure spray equipment is clean and free of any contaminants
3. Wear long sleeve shirt, long pants, goggles, gloves and durable shoe
4. When spraying, use a nozzle with a coarse, round tip to obtain a generous rather than a fine, misty spray to start and adjust accordingly
5. After each use, release pressure and clean the pump sprayer with water
6. Do not alter the sprayer or any components
7. Never fill sprayer reservoir above the max fill line on the tank
8. Rope off the area within 200' (46 m) of spray area
9. Use windbreaks, where necessary, to confine spray mist and avoid damage to nearby surfaces due to overspray or drift
10. Keep spectators and personnel away from spray area
11. Keep vehicles away from spray area
12. For long-term pump storage, a final flush with mineral spirits and then water is recommended
13. Do not store Seal-A-Pore products in the sprayer under any circumstances
14. Properly dispose clean up solvent to a designated facility
15. If there is overspray on the building's windows, clean when Seal-A-Pore products are still wet
16. Brush out and wipe up any visual puddles

PROTECTION EQUIPMENT

1. Wear long sleeve shirt, long pants, goggles, gloves and durable shoes
2. Use air breathing apparatus with full face mask or hood during any type of product spray application
3. Fabric coveralls are recommended
4. Impervious gloves are recommended

WEATHER CONDITIONS

Rain, fog, dew, frost and relative humidity above 75% will adversely affect Seal-A-Pore, Seal-A-Pore WB, and Seal-A-Pore HP, impacting the performance and physical properties of the masonry sealer. Do not apply if any of these conditions exist or will exist within three (3) hours of application. The substrate must be dry at the time of application. Do not use if air or surface temperature is below 40°F (4.4°C). If exterior temperatures are below 40°F (4.4°C), store material inside at temperatures above 60°F (15.5°C). Spray application is not recommended below 50°F (10°C). At air temperatures above 100°F (38°C), reduce the application rate on irregular surfaces to prevent signs of runs or sag.

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STORAGE

Keep containers tightly closed. Store in a dry, cool place away from heat, sparks, open flame and moisture. For cold weather application, keep material stored above 60°F (18°C). Open containers should be disposed of if they will not be used within 24 hours.

PRECAUTIONS

1. Harmful if swallowed
2. Causes skin irritation
3. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
4. Use explosion proof electrical/ventilating/lighting equipment
5. Use nonsparking tools; take action to prevent static discharges
6. Avoid breathing dust/fume/gas/mist/vapors/spray
7. Wash hands and skin thoroughly after handling
8. Do not eat, drink or smoke when using this product
9. Use only outdoors or in a well-ventilated area
10. Wear protective gloves/protective clothing/eye protection/face protection
11. For professional use only
12. Keep out of reach of children
13. Refer to Safety Data Sheet (SDS)

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