

Mock up and Testing Guidance for Water Repellent and Anti-Graffiti Projects

Water Repellent Project Mock-Up

Mark off a 2ft X 2ft area. The area must be completely dry.

Fill a spray bottle that is graduated in ounces with PWS 5, 8 or 15. Be sure to record the number of ounces placed in the bottle.

Spray the product, from the top down, being sure to flood the surface and obtain a 4 to 6 inch run down of product from the point where the spray makes contact with the surface.

Note how many ounces of product were used and refer to the Test Patch Coverage Rate Chart to determine approximate coverage rates.

Clean the spray bottle immediately using mineral spirits. Be sure to spray the mineral spirits through the spray nozzle to prevent it from clogging in the future.

Wait a minimum of 10 days before returning to conduct RILEM tests on the mock up areas.



For the RILEM Test

Reminder: Use Tall tube on most substrates. Use short tube on very porous lightweight (split face and expanded shale) block.



Place the tube on the vertical surface, at a point in which you incorporate a portion of the substrate and a mortar joint, if possible. Be sure that the tube is not leaking around the putty. You may want to experiment with the tube until you get the hang of it. Roll the putty between your hands to form a cigar shape. Then place the ends of the putty together to form a donut. Affix the putty, forming it tightly to the tube, being careful not to cover the opening in the tube. Press it tightly against the wall. Slowly fill the tube being careful not to trap air bubbles in the tube.

The standard for the test is: If 20% or more of the volume of water in the tube drops in 20 minutes or less it is considered a failure.

Anti-Graffiti Project Mock-Up

Perform the following test patches to determine proper protection. Test Patch #3 is only for extremely dense substrates, such as poured-in-place, vibrated concrete.

Test Patch #1: Using a spray bottle, apply 1 coat of **PWS-15 Super** from the top down. Allow for a 4 to 6 inch run down of product from the point where the spray makes contact with the surface. Apply a second coat of **PWS-15 Super** in the same manner approximately 1 ½ to 2 hours later. Rinse the spray bottle with mineral spirits being sure to activate the spray mechanism to ensure thorough cleaning.

Test Patch #2: Using a spray bottle, apply 1 coat of **PWS-15 Super** from the top down. Allow for a 4 to 6 inch run down of product from the point where the spray makes contact with the surface. Apply a second coat of **PWS-8 Extra** in the same manner approximately 1 ½ to 2 hours later. Rinse the spray bottle with mineral spirits being sure to activate the spray mechanism to ensure thorough cleaning.

Test Patch #3: Using a spray bottle, apply 1 coat of **PWS-8 Extra** from the top down. Allow for a 4 to 6 inch run down of product from the point where the spray makes contact with the surface. Apply a second coat of **PWS-8 Extra** in the same manner approximately 1 ½ to 2 hours later. Rinse the spray bottle with mineral spirits being sure to activate the spray mechanism to ensure thorough cleaning.



Allow each test patch to cure for a minimum of 10 days. Apply paint to the test areas and allow it to cure for at least 48 hours. Using a clean spray bottle, saturate the painted surface with **PHASE II Cleaner** and allow it to dwell for 5 minutes. Re-saturate the surface with **PHASE II**, agitate with a nylon bristle brush and rinse with water. Evaluate the aesthetics and ease of graffiti removal from each test patch to select the most appropriate product combination.

For more information, or for technical assistance, please call 800-676-7346.