

**Paint Stripping Trial
Using Silent Paint Remover
September 22, 2007
Preserve Restore Maintain Indy (PRMI)
(Report prepared by Ron Zmyslo)**

Ron Zmyslo and crew members of Preserve Restore Maintain Indy (PRMI), a wood repair and restoration company located in Indianapolis, Indiana completed a small porch repair and repaint project in Indianapolis. The crew used the Silent Paint Remover to remove the paint build-up on the front porch of an existing 1950's bungalow house. The production rates in man hours and square feet of area stripped were noted.

The objective of the trial was to strip-off all the paint on the porch ceiling, headers and wood posts and leave the surfaces ready for application of a paintable water-repellant preservative, and eventual primer and finish paint.

Weather: 72 degrees no wind sunny.

Ron and the crew: Scott Swiontek and Mark Talley were well instructed in the use of the Silent Paint Remover logging hundreds of hours in its use on prior paint stripping projects.



Condition: the 1 x 4 v-groove porch ceiling paint finish was well adhered but showing old alligatoring and cracking telegraphing through multiple layers of oil and latex paint. The wood headers and porch posts surfaces were similar in condition and also shown

more weathering as they were not as protected from the elements as the ceiling was. In addition the bottom bases of the wood porch posts were rotted and needed to be replaced.



Porch ceiling after initial stripping with the Silent Paint Remover.



Porch floor showing removed paint from the ceiling



Step #1 Applying the Silent paint remover on the bottom face of the header.



Step #2 Silent Paint Remover removed after 60 seconds.



Step #3 Hand-scraping the loosened paint off the surface with a multi-purpose tool.



Step #4 Removing the remaining paint in the v-groove of the ceiling boards using a carbide blade pull-back paint removing tool. Notice slight surface charring which is easily removed with light sanding.

Production Rate

Surface areas:

Porch ceiling	72 sq. ft.
Porch headers	48 sq.ft.
Porch posts	<u>48 sq. ft.</u>

Total Sq. Ft. 168 sq. ft.

Man hours: 21 man-hours (1260 minutes)
crew of three working 7 hours each.

Production rate = $1260 \text{ minutes} / 168 \text{ sq. ft.} = \mathbf{7.5 \text{ minutes/sf.}}$