Pollsmoor Medium A: Summary of a 6-month, 101 pane Trial done with Nu-Glaze.

August 2018

On an invitation from the Director: Correctional Services Western Cape, Mr. Ivan Govender,

Nu-Glaze was applied to 101 windowpanes to test the durability vs costs.

The maintenance team of the facility prepared the frames by removing all the previously riveted polycarbonate sheets and old putty.

A two-man team from Nu-Glaze then proceeded to apply Nu-Glaze with new Polycarbonate sheeting as per OEM specifications, completing all 101 panes in 4 days. This despite hold-ups like rain, training sessions and having to finish most of the preparation work.

The results were inspected by the management team, whereupon the 3-month trial period began.

Six months later, 3 panels were reported that were forcibly removed, and Nu-Glaze had to inspect and re-installed those 3 panels. It was evident at the time that a metal object was used to lever or pry the panels out, and all 3 panes were recovered, with 90% of the Nu-Glaze still on the panes. New panels were installed, using the same method and material as before.

After another 3-month period after the repairs, all 101 panes were still intact, and another 3-month period was requested by the authorities.

The results: All the panels (apart from the 3 replaced after 3 months, were still intact and securely in place after this total of 12-month period. Recent reports (2026) show all are still in place, despite extreme rough vandalism and concerted efforts to dislodge the panels.

According to the then head of Maintenance, Mr. Karolus, for that section, the result was extremely well received, compared against previous efforts of keeping the cell windows covered. This led to the widespread approval and use of Nu-Glaze in correctional facilities throughout South Africa. Large scale upgrades at amongst others, Baviaanspoort, Parys and Burgersfort Correctional facilities followed, and more projects is on the table.

See photos











Dislodged panels.

