

3-9-89

Silvering test of the 48", 6", E6,
and a piece of Zevors mirror.

The glass was blown clear of any fine pieces of dirt that may have fallen on it. The next step was to wash it with a soap and water solution mixed with house water and rinsed with house water. It was then wash with a saturation of soap and distilled water and rinsed with distilled water.

It was then sprayed with a sensitizer solution and rinsed with distilled water after 30 seconds. It was then sprayed with a silver solution and a reducer solution at the same time. It was sprayed with a very light coating so we can see any flaws.

After everything was dry I inspected the 48" very well. I can see some minor flaws in the surface and did

verify this with a template made before we did any work on the mirror. I am somewhat encouraged with the outcome of the test done as I can only see 2 areas that have surface pitting.

I also see that no damage was done to the Et glass or the piece of Zerovis mirror.

It did show more damage to the 6" piece of Corning glass as now you can see cracks in the surface. This leads me to believe that the damage to the 6" piece of glass was caused by chemicals and if the 48" is left the way it is we should use much lighter solutions of chemical when going through the process for coating.