

The Origin UHS Hi Speed Floor Machine Testing Report



This test was a simple test to check the performance of Origin UHS Hi Speed Machine against normal high speed buffing machines.

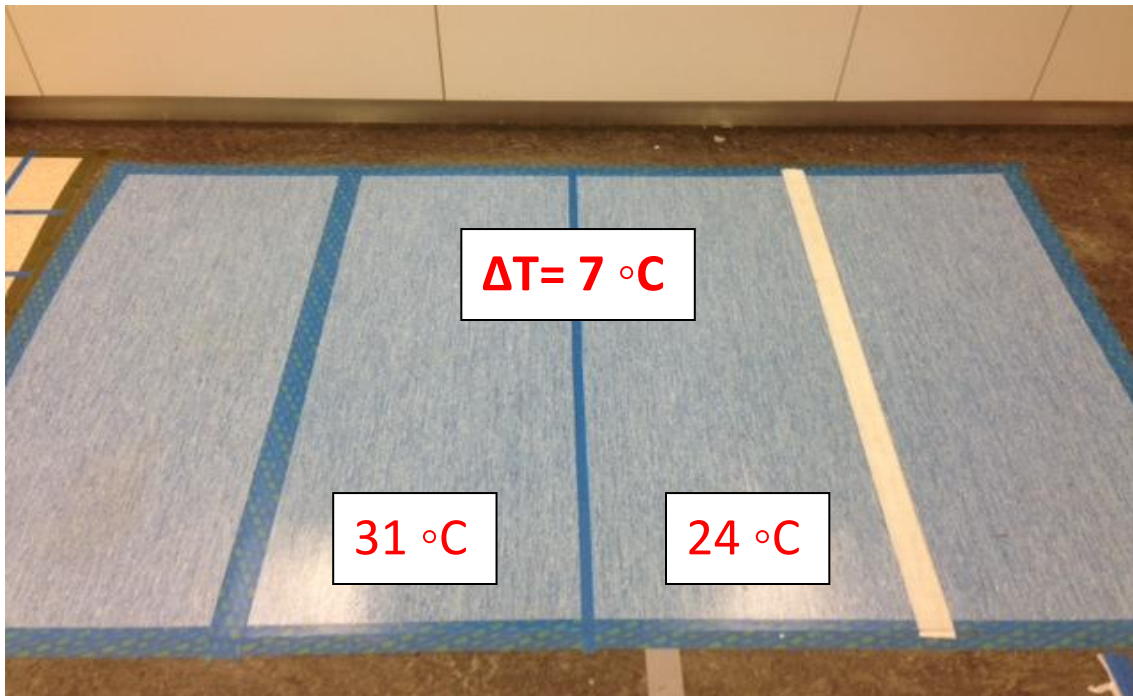
Both machines have similar range of RPM (about 1500) and both were being used on same type of vinyl sheet with same type of applied coating.



In this test, a 3M Scotch-Brite Purple Diamond Pad has been used for both machines (53 cm).

Adjusting the pressure of Origin UHS Hi Speed Machine to a medium (the other buffing machine had a fixed pressure/weight), and buffing the two middle sections in the photo below with 10 passes each, the surface temperature gained with normal buffing machine was 24 °C and the surface temperature gained by using Origin UHS Hi Speed Machine was 31°C which is 7 °C more.

The surface temperature has been measured with a 3M infra red thermometer.



The extra heat is essential to cure polymers in Scotchgard Floor Protection. Also it helps to remove the micro scratched off the floor and make it look glossy and shiny.