



# Blocking and Printing Tests for FP271/OP383 Coating System

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**Background:** At the CIC facility, three solid maple panels were coated with 4 wet mils of FP271 Transparent Polyurethane Basecoat (catalyzed with C376A catalyst, thinned 10% with D1010) and allowed to dry for two hours. They were then sanded and coated with 4 wet mils of OP384 Clear Polyurethane HC Top Coat (also catalyzed with C376A and thinned 10% D1010). They were allowed to cure for 14 hours. Two of the panels were then placed face-to-face, and one was wrapped in foam shipping material. A weight was then placed over the panels to subject them to .53 psi, and they were allowed to remain for 24 hours. The panels were then checked for blocking and printing.

**Results:** The panels placed face to face peeled off easily after the 24-hour period, scoring a 9 on a scale of 1 to 10, meaning Trace Tack and Excellent Blocking Performance. The panel wrapped in foam packing material displayed no signs of printing.

**Conclusion:** The FP271/OP383 system showed excellent printing and blocking resistance under the conditions tested.