



Impact of IX-5830 Glaze Base on Topcoat Adhesion

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Product reference: IX-5830 (CB-14602)

Background: A glaze base, IX-5830, was developed which has exhibited adequate application properties.

Objective: Determine whether IX-5830 glaze reduces the quality of adhesion within common clear coating systems.

Experimental approach:

- Sand oak millwork with 220 grit paper
- Apply 3-4 wet mils of sealer; let dry 10 minutes, then cure at 120°F 30 minutes
- Lightly sand sealer with 220 grit paper
- Wipe on a wet coat of glaze (tinted with 8% (wt) ST-6080 Opticolor), let sit 2 minutes, wipe off
- Allow the glaze to dry under varying conditions, then test crosshatch adhesion

Results: Glaze dry times up to 5 hours were tested in both coating systems and none of the drying times resulted in crosshatch adhesion results less than 5B; 5B is the best possible rating. The EnviroCat QD coating system was additionally tested after 7 days of dry time and under elevated temperature conditions at 120°F for 1 hour; adhesion of 5B resulted under these conditions as well.

		IX-285550 sealer IX-285550 topcoat	BE-032005 sealer BE-110732 topcoat
		EnviroCat QD Self Seal	Care Seal / Innovat LV
Glaze Dry Time	Glaze Dry Temp.	Crosshatch Adhesion	
0 minutes	Ambient	5B	5B
20 minutes	Ambient	5B	5B
5 hour	Ambient	5B	5B
7 days	Ambient	5B	NT
60 minutes	120°F	5B	NT

Conclusions: IX-5830 does not negatively impact adhesion of these coating systems.