

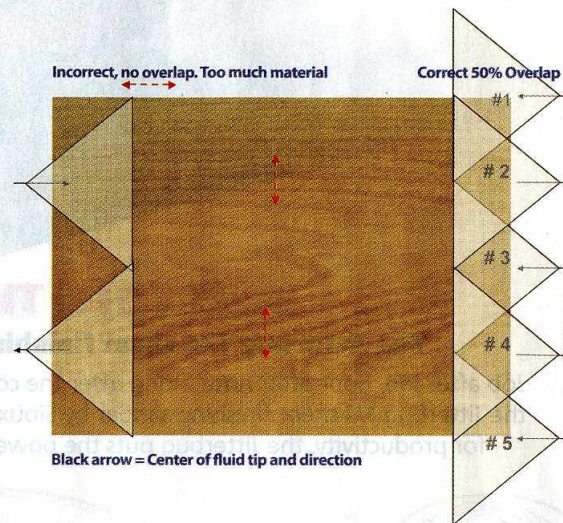
Finish Defects During Production

Finish Defect #6: Streaks or dry edges along each lap

By Bruce Jackson

This is the sixth installment in a series of articles of common finish defects by Bruce Jackson, production and finishing specialist at the Alabama Center for Advanced Woodworking Technology.

Streaking is caused primarily by incorrect lapping but there are additional problems that may be occurring. The spray pattern has greater angle at the outer edges resulting in less material reaching the panel than the portion of the spray pattern where the material moves from the fluid tip straight towards the panel. This creates a heavier build in the center of the finish lap on the panel versus at the outer edges of the spray pattern where less material build occurs.



CAUSE	CURE
<p>Heavy film build in center of lap causing streaks in finish.</p>	<p>Change style of lapping to include 50% overlap. Start first lap at edge of panel with fluid tip aligned with the edge.</p>
	<p>Check for worn fluid tip and replace.</p>
	<p>Check distance of gun to product.</p>
	<p>Check air and fluid pressures.</p>
	<p>Develop a uniform movement of the spray gun.</p> <p>Check viscosity.</p>

Finish Defects reduce the quality and increase the cost of a product. Understanding why the defects occur and how to correct the problem(s) eliminate reducing your profit. Correcting the problem by additional labor and materials after the fact is much more

expensive than finding the cause and correcting it. This is why an understanding of common production finish defects causes and cures helps the finish department employees. Please let your finish employees keep this page as a visual information record.