



Design and Assembly Success Stories

*Up to 225 more doors a week
for custom door manufacturer**

3M Product 3M™ Scotch-Weld™ Polyurethane Reactive PUR Adhesive System – Self-contained applicator with easy-to-use 1-part adhesive cartridge. Combines speed of a hot melt adhesive and bond strength associated with a 2-part structural adhesive.

Manufacturer Profile Fine millwork supplier serving the East Coast with products that include custom hollow core doors for upscale homes.

Application Bond 1-1/8" square fir reblock strips between hardwood door panels.

Manufacturer Needs High productivity and a secure, reliable bond.

Previous Methods White glue with five hours clamping. Also tried hot melt adhesive but set time was too fast, particularly on longer reblock strips

Manufacturer Benefits 3M™ Scotch-Weld™ Polyurethane Reactive PUR Adhesive System provides:

- Handling strength in about 2 minutes. Clamping time reduced to 5 minutes from 5 hours for white glue.
- Open time of 4 minutes is enough for positioning the longest strips
- Ultimate strength bonds with about one ton of holding power.
- Bond lines are thin, flexible, and tough for tight part fit, neat appearance, and rugged long-life performance.

*** Manufacturer quote:**

“We have more doors than even going out every week. We were completing about 75 custom hollow core doors a week. Now...up to about 300 a week.”

