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www.ultrawiztools.com

PPG autoglass
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UltraTips

Tips for successful and easy cutting from UltraWiz®

Many AutoGlass Technicians try to cut urethane with a butter knife, *ain't gonna happen!!*

- **Use proper eye protection when working with glass**
- **Wear hand protection to avoid cuts**
- **Stand on firm ground**
- **Keep your cutting blades sharp**
 - o Lightly sharpen the blade once or twice during the cutting process
 - o Try to maintain the cutting angle on the blade
 - Use a file, manually
 - Use an old sanding belt 120-220 grit, nailed to a block of wood, manually
 - UltraWiz® does not recommend the use of power assisted sharpening devices
- **Wide urethane beads**
 - o Use increased cut lengths from short to long
 - Start with a short cut length
 - Increase to longer cut length
- **When the glass is tight to the pinchweld**
 - o Use UltraThin Blades
 - Thinner blades cut through the urethane easier
 - UltraWiz® UltraThin Blades are stronger than "in the field" thinned blades
 - Less risk of blade breakage due to "in the field thinning"
- **Think Shaving**
 - o You are basically shaving the urethane off the glass
 - Find the cutting angle with the least resistance
- **Use clean clear water as a cutting lubricant when using a:**
 - o Cold knife
 - o Long Knife
 - o Any power tool
 - o Follow your urethane manufacturers procedure for wet pinchwelds

It says in part to...*clean and dry the pinchweld before trimming the urethane to the required height to prevent dirt and water from contaminating the bonding surface area.*