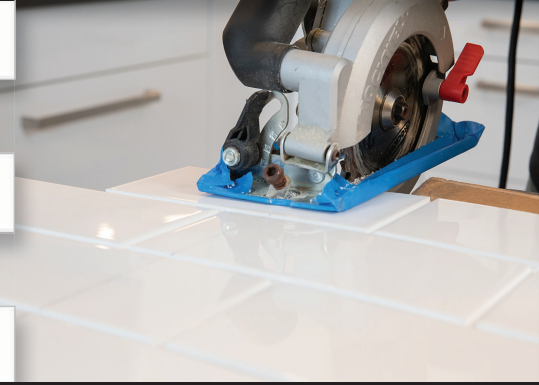




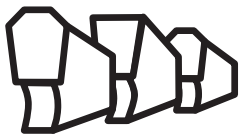
TECHNICAL BULLETIN

CUTTING PREMIUM SIX3TILE PANELS GUIDE + TIPS



Cutting Premium Six3Tile (polycarbonate) panels can be done cleanly, safely, and accurately. Below we'll cover recommended saw blades and cutting techniques that minimize chipping and heat buildup along with best practices for handling and finishing edges.

WHAT MAKES TCG BLADES GREAT FOR POLYCARBONATE



TRIPLE-CHIP GRIND (TCG)
Alternating high and flat teeth reduce heat and friction, minimizing melting or gummy edges



HIGH TOOTH COUNT (80-100+)
Cleaner crosscuts with fewer chips and less tear-out.



CARBIDE TIPS
Long life and durability when cutting acrylics, PC, and non-ferrous metals.

BEST BLADES FOR CUTTING POLYCARBONATE

BRAND NAME	SIZE	TYPE	DESCRIPTION
OSHLUN	10" x 100T	Industrial Saw Blade	Higher tooth count gives very fine finish on polycarbonate
AMANA	10" x 80T	Plastic Non-Melt Saw blade	Great all-around TCG blade tuned for plastics; smooth edges with minimal melting
ROCKLER	10" x 80T	Industrial Plastic Blade	Designed for plastics and non-ferrous materials with clean chip-free cuts

GENERAL TIPS FOR CUTTING POLYCARBONATE

- ✓ Use a high-tooth-count blade
- ✓ Support the sheet to prevent vibration
- ✓ Score thin parts first if using a utility knife
- ✓ Masking tape along the cut line reduces edge chipping
- ✓ Slow, steady feed gives best edge quality
- ✓ Keep blade clean – melted resin build-up can ruin edge quality