

# Contractor Guide: Green vs. Cured Concrete Blades

Diamond Blade Guide: Green vs. Cured Concrete

Comparison Overview:

Green Concrete:

- Best Bond: Hard bond
- Segment Design: Segmented, drop segments, laser welded
- Cutting Method: Dry or light-wet
- Blade Life: Moderate to long with tall segments
- Notes: Highly abrasive, requires hard-bond durability

Cured Concrete:

- Best Bond: Medium bond (soft bond for very hard cured slabs)
- Segment Design: Segmented or turbo
- Cutting Method: Wet or dry depending on blade rating
- Blade Life: Long with proper cooling
- Notes: Denser material requires diamond exposure balance

Troubleshooting Tips:

Green Concrete:

- Fast wear → use harder bond
- Glazing → blade too hard, needs dressing
- Slurry buildup → choose deeper gullets or U-slots

Cured Concrete:

- Slow cutting → softer bond

- Overheating → improve water flow or reduce pressure
- Chipping → use turbo or continuous rim for precision

Safety Notes:

- Match blade diameter to saw RPM
- Follow PPE guidelines
- Allow slab curing times appropriate for early-entry cutting