

# Blade Problems: Causes and Cures - Undercutting

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## Undercutting

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**Undercutting occurs when sawing abrasive materials, such as asphalt or green concrete.**

**The abrasive action sets up a wear pattern at the point where the segment is welded to the core. The abrasive slurry causes the core to knife at this point. The knife edge weakens the weld causing the segment to break off.**

**Wear protected cores should be used when cutting abrasive materials. These cores break up the slurry pattern and extend the life of the blade. A good flow of water is also essential for longer blade life.**