

DIAMOND BLADE

DRY CUT

DO'S

1. Follow manufacturer's recommended blade specifications for material being cut and suitability for dry cutting applications.
2. Inspect blade for damage that may have occurred during the shipment or due to previous use.
3. Inspect the blade periodically during use for core flatness, fatigue cracks, segment damage, undercutting and damage to the arbor hole.
4. Check mounting flanges for equal and correct diameter, excess wear or flatness. Mounting flanges must have adequate relief around arbor.
5. Be sure that the blade is mounted on a correct diameter blade shaft between proper blades flanges and is securely hand-tightened with the wrench provided or an adjustable wrench no longer than 8 inches.
6. Check for proper saw conditions. Spindle bearings should be free of end and radial play. Consult the operating manual from the saw manufacturer for proper machine maintenance conditions.
7. Follow the manufacturer's recommendation for operating speeds for specific blade diameters.
8. Maintain a firm grip on hand-held saws during cutting operation.
9. Wear proper safety equipment at all times. Always wear safety glasses, footwear, snug fitting clothing, hearing and head protection and respiratory equipment where required.

DON'TS

1. Don't dry cut except with a blade specifically designed for dry cutting by the manufacturer.
2. Don't force blade onto machine blade shaft, alter the size of the mounting hole, or tighten mounting nut excessively. Use of bushing to reduce arbor hole size is not recommended for diamond blades on high speed saws.
3. Don't exceed the maximum operating speed established for the blade.
4. Don't operate a saw without proper safety guards in place. **Never operate any saw without a blade guard.**
5. Don't stand in direct line with dry diamond or abrasive blades during start-up or operation.
6. Don't cut or grind with the sides of a diamond blade.
7. Don't force the blade into the material; allow the blade to cut at its own speed. Forcing the blade may cause over heating or blade damage.
8. Don't make a long continuous cut with a dry blade. Allow the blade to cool by turning in air every 10 to 15 seconds. The harder the material being cut, the longer cooling periods should be.
9. Don't use the blade to cut material other than that specified by the manufacturer.
10. Don't use the blade on a type of saw other than that specified
11. Don't allow the blade to deflect in the cut
12. Don't attempt to cut curves or radii.