

Technical Notes

Cordless Saw Blade for Tile

The Alpha® Cordless Saw Blade for tile, is designed for wet/dry cutting ceramic tile. This blade is ideal for the ease of its cutting capability and the convenience of portable battery powered saws. Homeowners and handymen will find this blade well suited for use with their battery powered Makita, Panasonic or Skil saw. Semi-professional users will love the performance. The BT03AL has a turbo style rim that cuts most types of ceramic tile without chipping. This Alpha® Cordless Saw Blade provides the most for your battery powered saw.

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Part No.	Size	Maximum RPM	Arbor
BT03AL	3-3/8"	1,500	15mm

How to Use

Attach the Cordless Saw blade for Tile onto the battery powered saw.

Make sure that the directional arrows on the blade match the spindle rotation of tool.

The Cordless Saw blade for Tile is a wet/dry cutting blade. If you use this blade for wet cutting applications, make sure the refillable water coolant bottle attached on the saw is filled prior to starting your cutting applications.

Slowly push the blade into the material maintaining a consistent slow traverse speed until you cut the entire piece of material. A slow consistent pushing motion will allow the diamonds within the blades cutting edge to cut the material easily and minimize chipping on the edge.

Frequently Asked Questions (FAQs)

Which way do I install the blade on my tool?

The proper blade direction will be found on the sticker label on the blade. Install the blade so that the blade will follow the directional arrows on label. Another way to check the rotation of the blade is to examine the diamond bond tails in the cutting edge. The bond tail behind each diamond should be pointing the opposite direction of blade rotation. If the blade is installed incorrectly, the bond tails will reverse direction, which may cause some premature wear.

What materials can I cut with the Cordless Saw Blade for Tile?

This blade is primarily designed for ceramic tiles.

On what brand battery power tools can I use this Cordless Saw Blade for Glass?

Makita, Panasonic or Skil Saws are the tools of choice for this 3-3/8" blade for Tile. These power tools have a refillable water coolant bottle for supplying water to blade during cutting applications.

Can I use this blade for dry application?

Yes. This Cordless blade for Tile can be used dry; however, we recommend wet cutting to enhance to life and performance of this blade.

The speed of my cut is slowing down. What can I do to improve it?

The diamonds are rounding over or glazing causing the blade to lose its cutting ability. You need to re-dress the blade using a soft abrasive material such as a dressing stone or a concrete block.

What is the maximum RPM on which I can use the Cordless Saw Blade for Tile?

This 3-3/8" diameter blade should not exceed 1,500 RPM.

What is the arbor size of the Cordless Saw Blade for Tile?

The arbor size of this blade is 15mm.

What is the maximum blade cutting depth of the Cordless Saw Blade for Tile?

The maximum depth of cut using this blade is 53/64"

Helpful Hints

- In order to maintain proper speed, always start with a fully charged battery.
- Do not force the blade to cut; allow the diamonds time to cut through the material. Slower cutting helps eliminate chipping on the cut edge.
- Take appropriate steps to assure personal safety when performing any cutting application
- Review operations manual of the power tool to assure proper usage.

Reference

For more product information, visit us on the web at www.alpha-tools.com.