

Technical Notes

Surfacer Grinding Wheels

Alpha® introduces the Surfacer Grinding Cup Wheels a new grinding wheel system to smooth out the underside of tabletops. This two-step process is available in two grit types: black for coarse and white for fine. The coarse grit is designed for fast material removal and the fine grit smooths out the surface of the stone.

Sections:

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Part No.	Size	Maximum RPM	Arbor	Grit
SG4C11	4"	14,500	7/8", 5/8"-11 Threaded	Coarse
SG4F11	4"	14,500	7/8", 5/8"-11 Threaded	Fine

How to Use

Attach the Alpha® Surfacer Grinding Cup Wheel to either a standard water-fed polisher or high-speed angle grinder.

Select the appropriate arbor size for the Alpha® Surfacer Grinding Cup Wheels. The wheel comes with a 7/8" arbor plus a 5/8"-11 threaded adapter.

Always refer to the operation manual of the power tool for correct mounting procedures.

Frequently Asked Questions (FAQs)

What materials can the Alpha® Surfacer Grinding Cup Wheels be used on?

The Alpha® Surfacer Grinding Cup Wheels may be used on the following materials: Granite, Engineered Stone and harder materials.

I understand I can either use my water-fed polisher or high-speed angle grinder when using the Alpha® Surfacer Grinding Cup Wheels. Will the Alpha® Surfacer Grinding Cup Wheels perform using either low or high speed?

Yes. The Alpha® Surfacer Grinding Cup Wheels are designed to perform well when used with low speed water-feed polishers or high-speed angle grinders. Alpha® recommends that when using a low RPM polisher that you make sure an ample amount of water is used during this particular application.

Can the Alpha® Surfacer Grinding Cup Wheels be used wet or dry?

Yes. The Alpha® Surfacer Grinding Cup Wheels are designed for both wet and dry grinding applications but work exceptionally well during wet applications.

What applications are the Alpha® Surfacer Grinding Cup Wheels recommended for?

The Alpha® DG Style Grinding Wheels are designed to smooth the backside of table tops.

What make the Alpha® Surfacer Grinding Cup Wheels so aggressive?

The Surfacer Grinding Wheels utilize the segmented design of the Alpha® DG Style Grinding Wheels along with a specially formulated bond to make them aggressive for fast stock removal as well as maintaining their cutting ability on flat surfaces.

Can I use the Alpha® Surfacer Grinding Cup Wheels on Marble or softer materials?

No. The Alpha® Surfacer Grinding Cup Wheels are designed for hard stone surfaces only.

What is the difference between the Coarse and Fine wheels?

The differences between these two grinding wheels are the aggressiveness in the grinding action.

The coarse Surfacer Grinding Cup Wheel is designed for fast material removal and the fine grit to smooth out the surface of the stone.

Note: The coarse Surfacer Grinding Wheel is black and the fine wheel is white.

What sizes are the Alpha® Surfacer Grinding Cup Wheels offered in?

These wheels are available in 4" diameter only.

Why should I choose the Alpha® Surfacer Grinding Cup Wheels over the Alpha® DG Style Cup Wheels for surface grinding?

The Alpha® DG Style Grinding Wheels are designed for profiling edges which usually requires line contact between the grinding wheel and the stone. The bond of the DG Style grinding Wheels are designed to wear during this application. They can grind the rough surface off the back side of the slab, however, the cutting action may stop or they may glaze over due to the bond design.

The Alpha® Surfacer Grinding Cup Wheels are designed for flat area grinding, The new bond type assures the wheels will continue cutting and providing a uniform surface condition until the end of their life.

Helpful Hints

- Alpha® Surfacer Grinding Wheels may be used on wet water-fed polishers or on high-speed angle grinders.
- Alpha® Surfacer Grinding Wheels may be used wet or dry.
- Always refer to the operation manual of the power tool for correct mounting procedures.

Reference

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