

At the End of the Day

Trust the Diamond Polishing Products that Make it Shine

Norton Abrasives' new line of concrete polishing products are engineered to get the best results without compromising quality and finish.



FLOOR GRINDING

Norton offers a full line of metal bonded diamond tools for grinding and flattening any hardness of concrete. The tools have been designed to work together with the Norton resin polishing tools to give the finest polished surface possible with maximum tool life.

Metal Bonded Diamond Tools

Soft Surface

This tooling is offered in 30, 80 and 120 grit diamond. The tooling consists of four diamond segments per tool to allow for lighter contact pressure causing the tool to be aggressive on the softer concrete while achieving an acceptable life.

Medium/Hard Surface

Designed for medium/hard concrete, the tool contains three diamond segments for proper stock removal on this category of concrete. Tooling is offered in 30, 80 and 120 grit.

Very Hard Surface

Also offered in 30, 80 and 120 grit, this tooling contains two diamond segments for the maximum amount of contact pressure allowing the diamond to work to its full potential on this challenging surface.

Grit Sizes

30 Grit – Coating removal of 0.5 – 10 mm. First-stage tool for polishing a rough concrete slab.

80 Grit – Initial polishing tool for new concrete. Will prepare surface for acid staining or thin sealants.

120 Grit – The final grit prior to changing to resin polishing tools or where a smooth open concrete surface is required.

Features and Benefits

- Norton metal bonded diamond tools outperform other tools on the market. Most other tools glaze and harden or are so soft they wear quickly, giving a short life span. Norton diamond tools perform well on all material densities with excellent results.
- Excellent cost/performance benefit.
- Norton has a solution for every floor surface type, whether the surface is soft, medium or hard, dense or open.
- Norton has been a trusted and experienced manufacturer of diamond products for decades. Our team is available to advise you on all of your dry grinding requirements.

Technical Tip

Remember to utilize our conversion plates so the diamond tooling can be inserted and removed easily without the use of screws.



PCD Tool

A highly engineered PCD for fast removal of floor coatings and glue without deep scratching of the floor surface. The skid plate ensures extended tool life.



7" Edger Pad

Manufactured with the same diamond content and bond system as our large machine tooling, the 7" edger pad is ideal for perimeter work and hard-to-reach areas. The 5/8-11 arbor fits most 7" right angle grinders.



Metal Bonded Conversion Plate

Our unique metal bonded conversion plate is machined to hold our tooling without the use of screws or other mechanical devices. Simply slide the tool into the plate from the inside out. The plate holds the tool secure and allows for easy removal with a simple tap from a rubber mallet.

The conversion plate arbor configuration fits many machine models on the market. We have also included three mounting holes in the plate so it can be fastened to the bottom of the machine mechanically.

FLOOR POLISHING

Norton offers a full line of diamond polishing tools. Our line has both the standard and a premium level of polishing products.



6 Dot Resin Bonded Diamond Tools

This line of diamond polishing tools offers an excellent finish and the economics to get the job done right.

Grit Sizes

100 Grit (Black) – Initial grit after 120 grit grinding stage. Leaves a matte finish.

200 Grit (Blue) – Follows the 100 grit and will leave a closed matte finish.

400 Grit (Red) – Follows the 200 grit and will leave a honed/silk finish.

800 Grit (White) – Follows the 400 grit and will leave an economical, light reflective finish most popular in large area industrial and commercial applications.

1500 Grit (Yellow) – Follows the 800 grit, producing a clear reflective shine, with reduced swirl effect. Ideal for decorative surfaces.

Features and Benefits

- Economically priced
- Good stock removal for effective closure at each grit level
- Produces a long-lasting shine
- Area coverage/cost ratio is very competitive



High Performance Resin Bonded Diamond Tools

Our high performance line of diamond polishing tools offers two to three times the life of the market standard. Their superior bonding properties and technically-advanced shape allow for high stock removal together with significant reduction in swirl/ghost marks, especially at 800 grit and finer. This tool resists glazing and cuts cool even at the highest speed. Eliminates the kaleidoscopic effect. The high-speed capability allows the tools to produce the clearest shine in the marketplace, with one less stage in the process.

Grit Sizes

100 Grit (Black) – Initial grit after 120 grit grinding stage, leaves a matte finish.

200 Grit (Blue) – Follows the 100 grit and will leave a closed matte finish.

400 Grit (Red) – Follows the 200 grit and will leave a honed/silk finish.

800 Grit (White) – Follows the 400 grit and will leave an economical, light reflective finish most popular in large area industrial and commercial applications.

1500 Grit (Yellow) – Follows the 800 grit, producing a clear reflective shine, with reduced swirl effect. Ideal for decorative surfaces.

Features and Benefits

- Long life
- Low incidence of swirl/ghost marks
- Cool running allows use on epoxy terrazzo up to 800 grit
- High shine performance at 1500 grit
- No kaleidoscopic scratches at any speed



Technical Tip

Our high performance resin bonded diamond tools are designed for heavy machines. They excel at the highest speeds.



T2 Resin Bonded Polishing Tool

The mixed bond of the T2 range ensures a very fine scratch pattern profile in relation to a standard metal bond segment where the concrete or terrazzo surface is smooth trowelled or has already been leveled with a coarse metal bond tool. The T2 leaves the perfect surface for either closed matte finishing or polishing with the minimum number of stages.

Grit Sizes

40 Grit (Gray) – Initial polishing following coarse metal bond tool.

80 Grit (Orange) – Initial polishing following 40 grit metal bond tool or first cut on smooth concrete floor.

120 Grit (Black) – Initial polishing tool following 80 grit metal bond tool or first cut on smooth concrete floor.

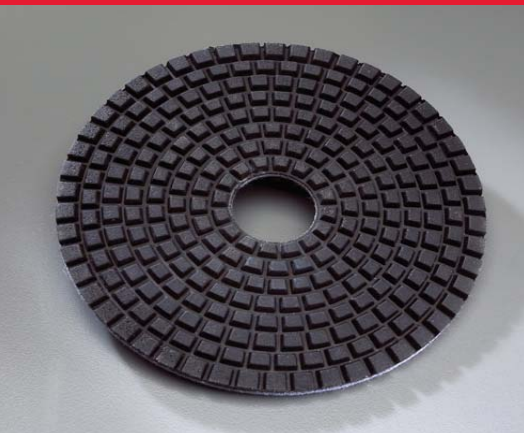
Features and Benefits

- High stock removal
- Provides a closed matte surface at 80 grit
- Provides a closed silk finish at 120 grit



PVC Resin Bond Conversion Plates

Our PVC resin bond conversion plates are configured to mechanically attach to most machines on the market. In addition, we have added loop material to the back of the conversion plate to attach to other hook & loop configurations.



5" Hook & Loop Resin Bonded Edging Pad

The 5" hook & loop resin bonded edging pad is used to polish the perimeter of the work space along with hard-to-reach areas. Using the same durable bonding system as our resin tools, the edging pad offers long life and superior finish. Our grit range is from 60 to 3,000.

The pad fits all 5" Velcro backup pads for most 5" right angle grinders.

FLOOR MAINTENANCE

The new Norton floor maintenance pads offer a variety of uses on concrete and natural stone floors. From deep cleaning to regular maintenance cleaning, these pads are the answer to your floor finishing issues.



Technical *Tip*

These pads are ideal for marble and terrazzo for both deep cleaning/renovating and standard maintenance to keep the shine. However, these pads are not recommended for granite.

Deep Cleaning

After you clean the floor by your normal wet or dry method, begin with our coarse pad working across the floor evenly using four or five passes for lighter machines and less with heavier machines. Scratches are removed or greatly reduced and floor is left smooth and clean.

1. If you are looking for a honed or silky look, you can apply our medium grit pad and make three or four passes over the floor.
2. For a shinier surface, you can next change to our fine grit pad and again, make three to four passes over the floor.
3. Finally, if a deep glossy shine is desired, you can next apply our very fine grit pad and repeat the process. The shine should appear quite rapidly.
4. Gloss levels achieved are dependent upon the weight of the machine used. The heavier the machine and faster the pad speed, the better the results you will achieve. In most cases, you will want to use the coarse pad wet and the medium to very fine pads dry.

Regular Cleaning

You can maintain the shine level you desire by simply using the Norton diamond floor maintenance pads on a regular basis. This could be as little as once per week depending upon the level of traffic.

Once you have determined the shine level you want (medium, fine or very fine), simply use that final pad grit periodically on your auto scrubber or buffer machine. This should be done in conjunction with your normal daily cleaning system.

Features and Benefits

- No harsh chemicals required
- System can be used with an auto scrubber, even dry
- No need for specialized contractors to perform the cleaning process
- Provides a more consistent finish on a variety of surfaces
- Minimizes heat build-up on dry applications resulting in a higher gloss



CONCRETE POLISHING

Trust Norton Diamond Polishing Products
to Make it Shine

Norton is a comprehensive supplier of all varieties of abrasives: diamond blades for cutting concrete and tile, bonded abrasive wheels and blades for cutting metal and masonry, and coated (flexible) abrasives for small power tools and hand sanding. We can supply all of your abrasive needs. Ask your Norton representative about any of the abrasive products you currently use.



www.nortonabrasives.com

U.S. CUSTOMER SERVICE:
Saint-Gobain Abrasives, Inc.
2770 W. Washington Street
Stephenville, TX 76401
Phone: (254) 918-2310
Fax: (254) 918-2312

CANADA CUSTOMER SERVICE:
Saint-Gobain Abrasives Canada Inc.
3 Beach Road
Hamilton, ON L8L 7Y5
Phone: (905) 543-3235
Fax: (905) 547-8157

NORTON PRO DIAMOND:
Saint-Gobain Abrasives, Inc.
1345 South Acacia Avenue
Fullerton, California 92831
Telephone: 1 800 854-3281
Fax: 1 888 854-1414



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