



MAINTEX



FACILITY SOLUTIONS

BLACK DIAMOND

POLISHING PERFECTION

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The Black Diamond Cleaning and Polishing System restores, cleans, and polishes concrete, natural stone, and a wide variety of other floor types. Through a range of grit levels, this four-pad system allows for a customizable floor care process based on the starting condition of the floor and the desired gloss level. Through our Integrated Matrix Technology™, microscopic diamonds embedded in the base web deliver mechanical cleaning action without the need for harmful chemical agents, achieving a clean, high gloss floor.



BLACK DIAMOND 400
Red Heavy-Duty Cleaning Pad

- 400 GRIT
- Use on worn concrete floors
- Effectively removes scratches and stains, leaving a clean, matte surface
- Use with oscillating or rotary machines up to 350 RPM



BLACK DIAMOND 800
White Deep Cleaning Pad

- 800 GRIT
- Deep cleans and removes heavy scratches
- Leaves a clean, smooth floor ready for the next step
- Use with oscillating or rotary machines up to 3000 RPM



BLACK DIAMOND 1500
Yellow Initial Polishing Pad

- 1500 GRIT
- Brings out the initial luster of the floor's surface
- Use with oscillating or rotary machines up to 3000 RPM



BLACK DIAMOND 3000
Green Polishing and Daily Maintenance Pad

- 3000 GRIT
- Ideal for daily use to maintain a brilliant, high luster surface
- High gloss appearance on stone, vinyl, linoleum, smooth concrete, terrazzo, and natural stone floors
- Use with oscillating or rotary machines up to 3000 RPM



FLOOR MAINTENANCE GUIDE

FLOOR TYPE	HOW TO CLEAN	RECOMMENDED PRODUCTS
Polished Concrete	Ideal for upgrading and daily maintenance with the Black Diamond grit used to attain desired gloss level. Dry buffing is effective for higher gloss.	Black Diamond 400 Red Black Diamond 800 White Black Diamond 1500 Yellow Black Diamond 3000 Green
Terrazzo Marble Limestone Travertine	Ideal for upgrading and daily maintenance with the Black Diamond grit used to attain desired gloss level. Dry buffing is effective for higher gloss. On surfaces in good condition, treated with chemical crystallization, use only Black Diamond 3000 Green for maintenance.	Black Diamond 400 Red Black Diamond 800 White Black Diamond 1500 Yellow Black Diamond 3000 Green
Vinyl (VCT)	For coated floors, use Black Diamond 400 Red. Use Black Diamond 3000 Green for routine maintenance.	Black Diamond 400 Red Black Diamond 800 White Black Diamond 1500 Yellow Black Diamond 3000 Green
Rubber Flooring	Ideal for daily cleaning and maintenance.	Black Diamond 800 White Black Diamond 1500 Yellow Black Diamond 3000 Green
Ceramic Tile, Glazed Ceramic Tile, Unglazed Quarry Tile, Porcelain, Terra Cotta	Deep clean with Black Diamond 1500 Yellow and clean daily with Black Diamond 3000 Green.	Black Diamond 1500 Yellow Black Diamond 3000 Green
Resin Floor (Epoxy, Acrylic)	Older, heavily soiled floors can be cleaned with Black Diamond 400 Red. Use Black Diamond 3000 Green for routine maintenance.	Black Diamond 400 Red Black Diamond 800 White Black Diamond 1500 Yellow Black Diamond 3000 Green
Linoleum	Daily maintenance with Black Diamond 3000 Green.	Black Diamond 3000 Green
Wood Floors	Finished wood flooring may be cleaned with Black Diamond 3000 Green.	Black Diamond 3000 Green

FAQ



What sets Black Diamond Pads apart from other diamond-impregnated floor pads on the market today?

Americo manufactures our Black Diamond pads completely in-house without any outsourcing, exercising full control over each stage of the production process. Starting with a base web developed specifically for use with our diamond mix and ending with the final curing of the pads, we engage our rigorous quality standards every step of the way.

What is Integrated Matrix Technology™ (IMT)?

Black Diamond is engineered using our Integrated Matrix Technology™, the proprietary binding system which generates maximum adhesion and concentrates diamonds at the strongest points of the web matrix.

What floor types can Black Diamond Pads be used on?

Black Diamond Pads have been specifically designed for cleaning and polishing concrete, terrazzo, and natural stone, and they can be used safely on most hard floors. Consult the Black Diamond Floor Maintenance Guide for information regarding compatibility with specific flooring substrates and recommended grit levels.

What is the average pad life for Black Diamond Pads?

Expected coverage varies depending on the condition of the floor and usage. When performing daily maintenance at low speeds, Black Diamond Pads cover +/-500,000 SF of flooring per pad. At high speeds, each pad covers +/-25,000 SF. Please note that pad life is often greater when used for daily cleaning. Restorative methods and other procedural variables will reduce the life of the pad.

What is the best gloss level?

The right gloss level for a particular floor is determined by the customer. The Black Diamond Cleaning and Polishing System can deliver and maintain different gloss levels to meet customer preference.

Do I need special equipment to use Black Diamond Pads?

No. The pads in the Black Diamond Cleaning and Polishing System can be used on all standard cleaning machines.

What is DOI?

Distinctness of Image (DOI) is a measure of the crispness and sharpness of a reflected image. For example, a bright spot reflected from an overhead light may be visible on a floor with low DOI, whereas the outline of a light bulb or the text in a reflected sign would be clear on a floor with a high DOI score.

What is the optimal procedure for use with Black Diamond Pads?

For best results, follow the usage recommendations for each grit level.

Grit Level	Low Speed Use	High Speed Use	End Result
Black Diamond 400 Red	Wet use; up to 350 RPM	Not recommended	Light honing and restoration
Black Diamond 800 White	Wet use; up to 350 RPM	Dry use; 1500-3000 RPM	Matte gloss
Black Diamond 1500 Yellow	Wet use; up to 350 RPM	Dry use; 1500-3000 RPM	Medium gloss
Black Diamond 3000 Green	Wet use; up to 350 RPM	Dry use; 1500-3000 RPM	High gloss

Should I always start with the Black Diamond 400 Grit Red Pad?

No. The condition of the floor will determine which grit level is best suited for beginning the restoration process. The Black Diamond Cleaning and Polishing System includes four grit levels ranging from 400 to 3000 grit.

Should I protect my floor after polishing?

Generally, no. Some environments require the use of a penetrating or semi-penetrating stain protector. For example, school cafeteria floors, where spills of acidic liquids like fruit juice are common, may benefit from an extra layer of protection to prevent staining and etching. Consult with your sales representative for the best practices for your specific floors and environment.

My floors don't need restoration. Are Black Diamond Pads suitable for regular floor cleaning?

Yes. Each time you clean floors with Black Diamond Pads, you continue polishing them as well, thus reducing or eliminating the need for future restorations.

How do Black Diamond Pads fit into my green cleaning guidelines and sustainability initiatives?

Black Diamond Pads are an environmentally preferred choice. The base web is made from 100% recycled PET fibers, and the pads perform effectively without the use of chemical cleaners.

