



Source: Artistic Surfaces



Source: abstract-concrete

## What is Diamond Polishing?

Diamond polishing is a high-gloss finish by using special floor abrasives fitted with diamond-impregnated disks. These disks grind down surfaces to the desired degree of shine and smoothness. In the last decade, concrete polishing has become

a significant flooring alternative for commercial and industrial buildings.

Concrete polishing improves light reflectivity and is applauded for a clean, low maintenance finish and an aesthetically pleasing look. Many facilities and homes are using polished concrete as an alternative to marble, granite, vinyl tile, linoleum, or coated floors.



Concrete Flatwork  
Decorative (Stamp & Color)  
Diamond Polish  
Stamp Overlays  
Epoxy Flooring

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Garage Floors, Driveways,  
Patios, Basements  
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*"Anything you can Walk On!"*



Source: True Polished Concrete

*Diamond Polishing*  
A Resource on Polished Concrete Floors

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# Benefits of Diamond Polishing

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Source: *Decorative Concrete Stain & Polish*

**Easy Install:** No noxious odor and a dust-free grinding system means minimal interruption with day-to-day activity. There is no "dry-time," it can be walked on immediately after installation.

**Aesthetics:** Not only does the high-gloss finish give a clean visual appeal, a polished concrete surface can be stenciled, dyed, stained and scored to enhance the overall appearance and compliment any color scheme.

**Light Reflectivity:** Ambient light can increase by up to 100 percent, resulting in fewer lights and a lowered electricity bill. In many cases, managers report that employees appear more positive working on a polished concrete floor because of this light reflective appearance.

**Maintenance:** One of the key elements to a Diamond Polished Floor is low maintenance cost. They are easy to clean, simply vacuum or sweep. No need for harsh chemicals or waxy coatings. The dense surface helps repels oils and other liquids thus reducing stains. They hold well under heavy forklift and foot traffic. There is no "dusting" due to wear and tear, and they have a long life span because there are no coatings to peel or crack.



Source: *The Concrete Network*



**LEED Rated:** Polished Concrete is rated by the Leadership in Energy and Environmental Design (LEED) to promote GREEN building. It is a sustainable flooring alternative that does not require the use of hazardous chemicals, coatings, adhesives or cleaners.

*A Polished Concrete Surface can be Stenciled, Dyed, Stained and Scored to enhance the overall appearance.*

**Lower Lifetime Cost:** The chart below is based on a survey conducted by the *National Terrazzo and Mosaic Association* based on a 20 year span. The information compares the cost per square foot of commonly used commercial flooring materials and polished concrete floors. Most polished concrete floors save an owner an average of over a \$1 per sq foot per year in maintenance.

	Installed Cost	Annual Maintenance	Average Life in Years	Replacement Cost	Total Expense 20 Years	Cost Per Sq Ft per Year
Vinyl Sheet Flooring	\$2.72	\$1.39	9	\$3.43	\$38.14	\$1.91
Vinyl Tile	\$1.23	\$1.47	15	\$1.60	\$32.76	\$1.64
Ceramic Mosaic Tile	\$6.48	\$1.22	20	\$0	\$30.88	\$1.54
Quarry Tile	\$5.78	\$ .58	20	\$0	\$30.18	\$1.51
Cement Terrazzo	\$8.50	\$ .46	20	\$0	\$20.10	\$1.01
Granit-Glaze	\$6.50	\$ .46	20	\$0	\$15.70	\$ .79
Polished Concrete:	\$3.98	\$0	20	\$0	\$ 3.98	\$ .19

The comparative costs are based on 10,000 square feet. Polished Concrete costs may vary based on square footage, preparation needs, coloring and etc.