

TAKING THE GUESSWORK OUT OF CUSTOM DESIGN

WHITE CONCRETE



White concrete is a premium material used in applications where appearance is a high priority, providing an aesthetic appeal with the strength and durability of concrete.

Architects are increasingly turning to white concrete in their designs — thanks in large part to customizable color and design, a long life cycle, limited maintenance and high slip resistance.

WinCo Foods Turns to Polished White Concrete

Curt Meidling and his crew have been very busy in the last several years. The owner of Meidling Concrete Inc., a second-generation concrete construction company located in Spokane, Wash., has installed white concrete floors in 31 WinCo Foods locations.

The growing grocery chain chose environmentally friendly polished white concrete over traditional flooring, such as VCT, due to moisture problems and heavy maintenance and replacement costs associated with vinyl tile. Based on Meidling's readings on a test slab, white concrete was twice as reflective as gray concrete.

"The main advantage in using polished white concrete is its light reflectivity and brightness attributes," says Meidling. "What's more, with concrete, maintenance costs are cut way, way down and the color never fades."

Polished white concrete floors are never waxed, eliminating the need for chemical strippers and re-waxing. In addition, white concrete has a high durability early and sets up faster. After just three days, with a six-sack mix the strength is approximately 3000 psi with the ultimate strength reaching up to 6000 psi.

The specification for WinCo's sales floor called for a 4000 psi mix. For the joint sealant, black polyurea was used to create a grid pattern with 10-foot by 10-foot saw-cut joints.

Today, WinCo is saving on energy costs due to improved visibility, reduced lighting requirements, high durability and low maintenance of its polished white concrete floors. What's more, with periodic cleaning, WinCo Foods' floor will retain its brightness and color for the life of the concrete.



COMMERCIAL & RESIDENTIAL APPLICATIONS

Light-reflective floors • Aircraft hangars • Retail flooring • Schools & institutions • Manufacturing plants • Distribution facilities



Polished Concrete is More Versatile, Sustainable and Economical Than Traditional Alternatives

Light Reflection	Low	Medium	Very High
Flatness	Low	High	Very High
Cleanability	Very Low	Medium	Very High
Lifetime	Low	Medium	Very High
Initial Cost	Low	Medium	Medium
Maintenance Cost	Medium	High	Low
	UNTREATED	EPOXY	POLISHED CONCRETE

Polished Concrete is LEED Certified

- Made from recycled materials
- Releases minimal pollutants
- Alternative to hazardous materials
- Reduces heating and cooling costs
- Reduces energy use by increasing ambient light reflection
- Green Umbrella™ concrete treatments have a very low VOC content and minimal impact on indoor air quality

Why Polish Concrete?

- Versatile: White concrete provides a neutral base for tinting and staining, allowing for a broad spectrum of colors from bright white to saturated colors. Plus, it opens the door for custom designs and patterns, such as seeding aggregate or objects into the top layer of the concrete.
- Sustainable: White concrete is environmentally friendly with high ambient light reflection, reduced heating and cooling loads, and exceptional durability.
- Economical: Polished white concrete floors have less maintenance and longer life cycles than traditional flooring choices such as marble, granite, tile and epoxy-coated concrete.

About Green Umbrella™

Green Umbrella™ is a full-service manufacturer of environmentally friendly concrete surface treatments. Green Umbrella™ offers project management, quality control, gloss readings and slip-resistance testing.

What We Provide

- Cost analysis and project estimates
- Strong relationships with professional estimators and trusted manufacturers
- StoneOlogist™ Master Craftsmen
- Environmentally friendly Green Umbrella™ concrete surface treatments and Certified Applicators
- Proven maintenance program to ensure floor longevity and integrity



On-Site Support

- Complete project management
- Gloss and slip-resistance testing
- Quality Control Team to ensure satisfaction and results
- Troubleshooting



www.WhitePolishedConcrete.com



GREEN UMBRELLA™

870-917-2054

www.GreenPolishing.com