

# ULTRAFLOR<sup>®</sup>

extraordinarily friendly



lithium treatments  
G2environmental.com

*Go Green*



## POLISHED CONCRETE SYSTEM



 **Diamatic**<sup>®</sup>  
The choice of professionals

# DIAMATIC® USED THEIR EXTENSIVE GLOBAL LEADERSHIP EXPERIENCE TO DEVELOP THE INDUSTRY'S FIRST ULTRAFLOOR® DIAMATIC® POLISHED CONCRETE SYSTEM. ULTRAFLOOR® IS THE ONLY COMPREHENSIVE POLISHED CONCRETE SYSTEM WITH A DETAILED WRITTEN PROCESS SPECIFICATION FOR ALL ASPECTS OF THE INSTALLATION SUPPORTED BY A FULL-LINE OFFERING OF HIGH-PERFORMANCE PRODUCTS AND EQUIPMENT BACKED BY A COMPLETE SYSTEM WARRANTY.

When specifying polished concrete, it is important to understand that polishing a new or existing concrete slab can expose many imperfections which include cracks, spalls, color and texture variations. An existing concrete slab may also be aged, out of tolerance, deteriorated and unable to be used. The ULTRAFLOOR® System is a graduated multi-step, precision process for the polishing of concrete surfaces resulting in unique decorative concrete floors and highly-reflective concrete surfaces. The system creates a floor that significantly reduces overall life-cycle costs, maintenance requirements and provides numerous environmental benefits.

This one-of-a-kind system incorporates proper substrate preparation, high-performance concrete toppings, concrete treatments, the mechanical process and finishing treatments that result in the ultimate polished concrete floor. The ULTRAFLOOR® System extends the life of the floor well beyond typical polishing processes.

## ULTRAFLOOR® SYSTEM BENEFITS

- High-quality, aesthetically pleasing decorative floor
- Long lasting, very durable and low maintenance
- Many environmental benefits
- Variable levels of reflectivity
- Full spectrum of color options
- Complete system written specification
- Dust free process
- Allows transmission of water vapors
- Factory trained, qualified installation network
- Comprehensive system warranty





Diamatic® is a leading global concrete polishing equipment manufacturer providing a complete line of high quality planetary grinders, polishers, dust collectors, diamond abrasives and accessories that are fully supported by detailed process specifications and in-depth training. Diamatic® technology is backed by 22 years of experience in the retail, industrial, and commercial floor markets. Diamatic® is a subsidiary of Blastrac Global with a specific focus on the polished concrete market.



## FIRST AND ONLY COMPLETE SYSTEM

Polished concrete technology has been in existence for a relatively short period of time. During a Tunisian Palace renovation in 1998, a construction crew accidentally omitted water while grinding concrete which resulted in a beautiful surface, thus concrete polishing was born. The first polished concrete floor in the U.S. was a 40,000 sq. ft. warehouse at the Bellagio in Las Vegas in 1999.

Global innovation leaders, Diamatic® has evolved and refined equipment, concrete toppings, abrasives, specialty chemicals, substrate preparation products and integrated processes for polished concrete floors. Until now, there has not been a comprehensive system which includes substrate preparation through the finished polished floor and floor maintenance under one written process specification and warranted for complete customer satisfaction.

### CONCRETE TREATMENTS

The ULTRAFLO® System uses nano lithium based densifiers and stain guard protectors. Lithium hardened surfaces significantly increase abrasion and stain resistance, create a dust proof surface and provide increased longevity and higher reflective polished concrete surfaces.

#### Diamatic® Flor – Sil™ Lithium Densifier

A concrete and terrazzo lithium densifier that penetrates deep into the surface providing longer life and higher reflectivity to standard, polished concrete floors.

#### Diamatic® Flor – Finish™ (High Gloss) Stain and Wear Protection Treatment

A micro impregnating lithium polymer that provides increased stain resistance, wear protection and lower maintenance for polished concrete surfaces.

### FLOR COLOR

#### Rich colors applied to gray concrete



#### Rich colors applied to white overlay





## **POLISHING AND GRINDING EQUIPMENT**

Diamatic® provides a complete line of the highest quality planetary grinders, burnishers, dust collectors concrete polishing equipment with complimentary diamond abrasives to achieve any type of polished concrete surface and specified level of sheen. For more information on Diamatic® equipment please visit [www.diamaticusa.com](http://www.diamaticusa.com).

## **ULTRAFLOOR® SYSTEM TRAINING**

Factory training will be provided by Diamatic® for the installation on the ULTRAFLOOR® DIAMATIC® Polished Concrete System for professional applicators with a proven track record of experience. Applicators and installers will be trained on all aspects of the ULTRAFLOOR® System. Deviation from the trained process or substitution on products will void the system warranty.

866.295.5512

[www.diamaticusa.com](http://www.diamaticusa.com)

[www.ultraflor.com](http://www.ultraflor.com)

© 2016 The Diamatic logo is a registered trademark of Global Polishing Solutions, Inc. FLOR-SIL and the FLOR™ family of products are registered trademarks of ADVANCED CONCRETE TECHNOLOGIES, LLC and marketed exclusively through Diamatic USA, LLC. Nano Lithium® brand name and logo are registered trademarks of ADVANCED CONCRETE TECHNOLOGIES, LLC ("ADVAN") and sub-licensed to Diamatic USA, under a non exclusive co-brand/technology license. Products marketed by Diamatic USA are protected by patents and/or pending patents under license in the United States and other countries by ADVANCED CONCRETE TECHNOLOGIES, LLC. ADVANCED CONCRETE TECHNOLOGIES, LLC makes no claim as to the product performance or product shown to be other than as warranted. All other marks are owned by their respective companies.

# **ULTRAFLOOR®**

 **Diamatic**  
The choice of professionals