

BENEFITS

Floors are an important part of everyday life, in both industrial areas and private residences. As well as looking good, a floor also needs to be functional. The glossy concrete surface is not just aesthetically pleasing- it brings a host of other benefits too.

Hard and resistant

Our methods take an already hard material and increase the surface density and abrasion resistance to a level where the concrete surface is extremely resistant to wear and marking.

Durable and cost efficient

Our concrete polishing system significantly increases durability and reduces life cycle maintenance costs. The absence of a surface coating reduces costs traditionally associated with flooring installations. The result is a smoother surface with reduced cleaning costs.

Light reflective

In addition to reduced maintenance costs there is also the added benefit of reduced lighting requirements, a result of the higher light reflectivity of the surface.

Environmentally sensible

We can transform existing concrete substrate into a wear-resistant floor.
The process incorporates the use of products that cause very little environmental

stress or waste.

LEED Certification

Using HIPERFLOOR® Polished Concrete allows you to attain easy LEED points and achieve a sustainable design. HIPERFLOOR® creates an ultra-hygienic, low VOC floor that can also improve a facility's energy performance.



HIPERFLOOR BASSO



HIPERFLOOR MEDIO



HIPERFLOOR LUCIDARE



RUBY RED STAIN (other colors available)

Aggregate Exposure Chart

A Cream Polish

B Salt & Pepper

© Coarse Aggregate

A B C

HiPERFLOOR®
is available as
three different
concepts. Lucidare,
Medio and Basso finish.
This means you can choose
between a floor with a matte
surface finish or a high gloss finish.



LUCIDARE FINISH

A decorative, high-gloss finish for exposed aggregate floors. Lucidare Finish is an indoor application for showrooms, high-end real estate and areas where aesthetic properties that include flatness and reflectivity of the floor are a top priority. The result is a surface that shines and offers exceptional durability.



MEDIO FINISH

A Medio Finish for semi-exposed and low-exposed aggregate floors. Medio Finish is an indoor application for retail areas, shop fronts and indoor public spaces. The result is a floor that offers functionality and low maintenance but is still aesthetically pleasing.



BASSO FINISH

A Basso Finish customized for industrial floors. This process is primarily an indoor application targeting large areas such as warehouses and department stores where flooring functionality is of primary concern. The result is a hardwearing floor that offers a safer and cleaner environment.

A FLOOR TO SUIT ALL TASTES

With different specified processes, a flooring solution can be tailored to fit any requirement- aesthetic, flatness, gloss and price.





Concrete is one of the most durable surfaces known to man. Through mechanically refining the surface by grinding, polishing and chemical treatments, we can bring the surface to a whole new level of beauty, functionality and strength.

Grind (Exposing Aggregates) - The concrete floor is first ground to establish the required flatness and/or aggregate exposure (see chart). This also removes what in many cases is the softer, unstable surface layer of concrete. A flatter floor makes for higher light reflectivity.

Fill - Small holes, air bubbles and other small surface imperfections are filled using a latex or two component grout to ensure a smooth, uniform surface.

Densification - The surface of the concrete is then treated with the HIPERFLOOR® concrete hardener. This produces a homogenously hardened surface and creates a non-dusting floor. Potassium based densifiers are traditionally used for exposed aggregate floors and lithium-based densifiers for colour treated or cream/ paste polished floors.

Polish - Polishing via progressively finer stages of resin bond diamond tools is done to achieve the desired surface gloss. Light meter testing should be performed after polishing, but before applying a protective coating. This ensures proper calcium silicate creation and correct execution of the HIPERFLOOR® polishing process.

Protect - Application of the HIPERFLOOR® penetrating sealer is done to enhance water and stain resistance of the floor. The penetrating sealer lines the surface of the microcapillaries in the concrete, creating significantly more surface tension and preventing contaminant absorption into the concrete.











Floors For A Lifetime

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