

How does it work?

1. GM3000, a latex based grouting mixture, is mechanically worked in to the concrete surface to fill all pre-existing defects. These defects are found in the form of pin holes air pockets and absent stone fragments. The use of GM3000 greatly increases the aesthetics of the finished product.

2. Hiperhard, a silicate is applied to the concrete surface to react with the calcium hydroxide (also known as free lime), which is formed during the production of concrete (when the cement reacts with water).

3. The product formed during this reaction is calcium silicate, which has a crystalline/ glassy structure. It forms in the pores of the concrete near the surface and is one of the main factors behind the increase in the surface tension of the concrete. This increased surface tension improves the concrete's abrasion resistance to scratching and marking, making it possible to polish economically.

4. The combination of calcium silicate forming in the concrete and the polishing of the concrete surface produces the following added benefits:

- **A non-dust surface is produced.**
- **A surface that is highly resistant to tyre marking.**
- **The surface tension of the concrete is increased, making the surface less prone to absorption via capillary action.**
- **The aesthetic properties of the surface are improved significantly.**

5. Hiperguard, a penetrating sealer must be applied to the surface. This will make the concrete surface significantly more resistant to fats, oils, water and acids. Hiperguard lines the surfaces of the microcapillaries in the concrete, creating significantly more surface tension and preventing contaminant absorption into the concrete.

Hiperguard provides the following benefits:

- **It is not a surfaceltopical sealer and therefore cannot blister, wear off or discolour.**
- **It enables the concrete to breathe.**
- **It can enrich the colour of the concrete.**

Note: Hiperguard PE (Premium Enhance) is a solvent-based penetrating sealer that is suited to small to medium-sized areas where a high degree of surface protection is required, such as private homes, restaurants and showrooms. This is applied at the end of the polishing process.



DURABLE CONCRETE POLISHING

HiPERFLOOR™ is a complete concrete surface finishing system and a Husqvarna product brand.

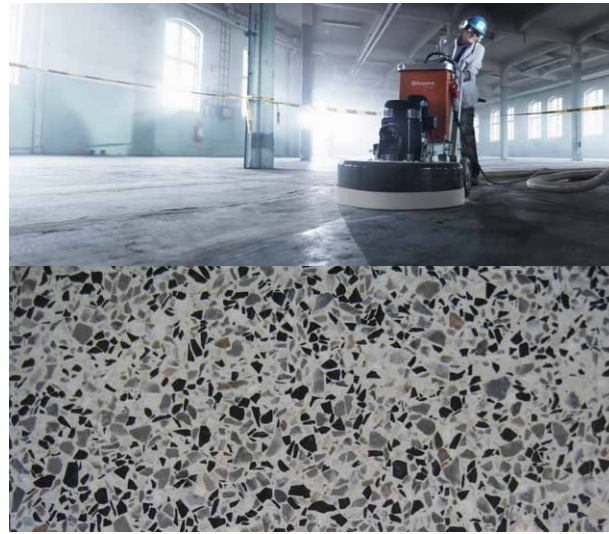
The HiPERFLOOR™ system enhances the beauty, strength and abrasion resistance of the floor while reducing maintenance and costs.

HiPERFLOOR™ can radically transform a broad range of new and old constructions.

With HiPERFLOOR™, Husqvarna offers first-class results from a premium brand with premium service.



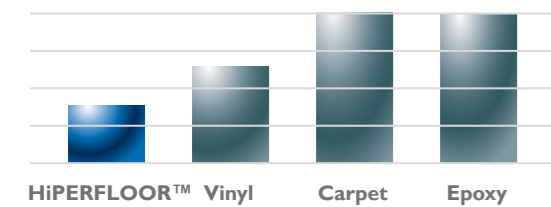
“Enhance the beauty and strength of concrete floors”



Concrete is one of the most durable surfaces known to man. But by mechanically refining the surface through grinding, polishing and chemical treatment, we can bring the surface to a whole new level of beauty, functionality and strength. With different specified processes, a flooring solution can be tailored to fit any requirement – esthetic, flatness, gloss and price.

Only by using Husqvarna equipment, diamond tools and concrete chemicals can a polished concrete floor truly be called HiPERFLOOR™.

15 year life cycle cost – indexed



HiPERFLOOR™ is one of the most cost-efficient and durable flooring solutions on the market.

A HiPERFLOOR™ is:

Environmentally sensible

HiPERFLOOR™ is the smart choice to reduce environmental impact. The process transforms existing concrete substrate into a wear-resistant floor. The process incorporates the use of products that cause very little environmental stress or waste.



Hard and resistant

With the HiPERFLOOR™ method, we 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

The HiPERFLOOR™ 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.

Your nearest Husqvarna agent will be happy to help and support you.

HiPERFLOOR™ three processes:



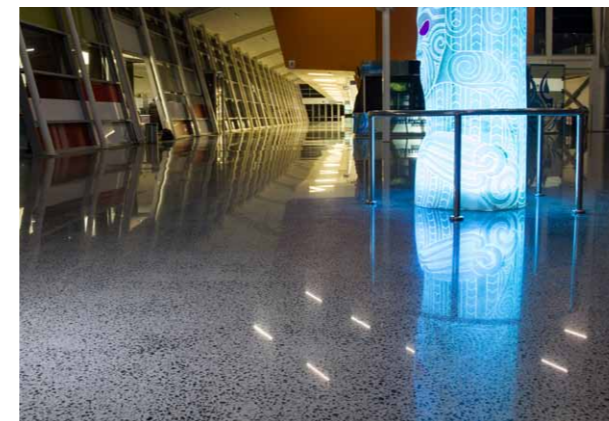
INDUSTRIAL FINISH

A low-gloss finish customised 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.



COMMERCIAL FINISH

A medium-gloss finish for semi-exposed and low-exposed aggregate floors. Commercial 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.



PREMIUM FINISH

A decorative, high-gloss finish for exposed aggregate floors. Premium 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.

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