



Husqvarna Hiperfloor™.

Husqvarna Hiperfloor™ is a revolutionary flooring concept for the grinding and polishing of old and new concrete floors. Through market leading R&D strategies, Husqvarna has combined advancements in planetary floor grinders, floor treatment products and the latest resin diamond technologies to create a system whereby new and old concrete floors can be transformed into highly abrasion-resistant, incredibly dense, smooth and visually appealing surfaces.

What is Hiperfloor™?

Hiperfloor™ is not a coating but a method for mechanically grinding, treating and polishing concrete floors. Concrete is already one of the most durable surfaces known to man, however by treating and then polishing it, the surface abrasion resistance and wearing properties are substantially increased.

Husqvarna Hiperfloor™ substantially reduces the need for epoxy or thin film coatings, providing a surface that can withstand even the toughest traffic. Over the life time of the floor, the end result is incredible longevity, performance, shine and beauty, low maintenance and a very cost-effective flooring alternative.

How does it work?

Through an innovative combination of premium grade silicates, liquid materials and specifically engineered diamond technology, the Husqvarna Hiperfloor™ process moves through a succession of steps. These steps are made up of diamond grinding, using progressively finer grit sizes, an effective and exclusive concrete pore filling method (GM 3000™), and the application of Husqvarna's premium liquid densifier (Hiperhard™) that increases the surface hardness of the concrete. Hiperguard™ Premium Enhance can be applied to the surface at the end of the process to make the concrete significantly more resistant to fats, oils, water and acids.

The Hiperfloor™ process is odourless and relatively quiet meaning application can be worked around your requirements without any need to vacate. No downtime, no lost earnings and minimal inconvenience.

What are the options and where can I use it?

Using the Husqvarna Hiperfloor™ process, a range of outcomes can be achieved, depending on the purpose for the floor. The beneficial properties of Hiperfloor™ can be experienced across a broad industry level, especially designed to meet flooring demands in the industrial, commercial and domestic markets. (See chart.)

Hiperfloor™ offers a highly impacting and impressive finish for decorative purposes ranging from domestic housing, office environments and hotels, right through to supermarkets and large retail stores. A choice of gloss levels can be selected from honed satin where no gloss is required, semi-gloss where a mirror-like finish is not required or a high gloss producing an almost mirror-like floor.

A purpose designed finish is also achievable in industrial environments where the high durability and abrasion resistant properties of Hiperfloor™ are essential without the need for high gloss levels.

Each of these alternatives can be created with a revealed aggregate or non-exposed aggregate finish.

What are the benefits?

Hiperfloor™ delivers an exceptional range of benefits to the end user above what traditional flooring options have previously been able to deliver. (See chart.)

Alternative flooring comparison chart.

ENVIRONMENT	HIPERFLOOR™ DECORATIVE	HIPERFLOOR™ INDUSTRIAL
RESIDENTIAL	●	—
RETAIL	●	●
SUPERMARKETS	●	●
INSTITUTIONAL FACILITIES (SCHOOLS, HOSPITALS ETC)	●	●
HOTELS	●	—
OFFICES	●	—
WAREHOUSES	—	●
FACTORIES	—	●
POWER PLANTS	—	●
PRINTING PLANTS	—	●
R&D LABS	—	●
AUTOMOTIVE DEALERSHIPS/WORKSHOPS	●	●
AIRCRAFT HANGERS	—	●
STATIC SENSITIVE WORK AREAS (ESD)	●	●
PARKING GARAGES	●	●
PUBLIC BUILDINGS	—	●
SHOPPING MALLS	●	—

Decorative: Where product is chosen primarily for visual appeal.

Industrial: Where product is chosen for primarily for product performance benefits.

Alternative flooring comparison chart.

BENEFITS	HIPERFLOOR™ DECORATIVE	HIPERFLOOR™ INDUSTRIAL	STONE, HARD		STONE, SOFT	TILES	CARPET	VINYL	THIN FILM COATINGS	EPOXY
HIGH GLOSS LEVEL	●	●	●		●	—	—	—	●	—
HIGH ABRASION RESISTANCE	●	●	●		—	●	—	—	—	—
WEAR RESISTANCE	●	●	●		●	●	—	●	—	—
NON DUSTING	●	●	●		●	●	—	●	●	●
NON MARKING	●	●	●		●	—	—	—	—	—
HIGH STAIN RESISTANCE	MEDIUM / HIGH	MEDIUM	MEDIUM / HIGH		MEDIUM / HIGH	HIGH	LOW	HIGH	HIGH	HIGH
HEAT RESISTANCE	●	●	●		●	●	—	—	—	—
LOW-COST MAINTENANCE	●	●	—		—	●	—	●	—	—
EASY MAINTENANCE	●	●	●		—	●	●	—	●	—
SEAMLESS	●	●	—		—	—	●	—	●	●
ECOLOGICAL	●	●	●		●	●	—	—	—	—
ODOURLESS INSTALLATION	●	●	●		●	●	—	—	—	—
DURABILITY	●	●	●		—	●	—	—	—	—
MINIMAL DOWNTIME ON INSTALLATION	●	●	—		—	—	●	—	—	—
INCREASES SURFACE FLATNESS	●	●	—		—	—	—	—	—	—
LOW LIFE CYCLE COST	●	●	—		—	—	●	—	—	—
LONG TERM LIGHT REFLECTIVITY	●	●	●		●	—	—	—	—	—
INITIAL INSTALLATION COST	MEDIUM / HIGH	MEDIUM	HIGH		HIGH	HIGH	MEDIUM / HIGH	MEDIUM	LOW	MEDIUM
BROAD COLOUR OPTIONS	—	—	●		●	●	●	●	—	●
SOUND DAMPENING	—	—	—		—	—	HIGH	MEDIUM	—	—
HIGH INSULATION	—	—	—		—	—	●	—	—	—
REPLACEMENT COST	LOW	LOW	HIGH		HIGH	HIGH	MEDIUM / HIGH	MEDIUM / HIGH	MEDIUM	MEDIUM / HIGH
REFURBISHABLE	●	●	●		●	—	—	—	—	—
LOW ALLERGENIC	●	●	●		●	●	—	●	—	—