



LEVEL BEST

concrete flooring

FLOOR RENOVATION SYSTEM



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INNOVATION IN CONCRETE FLOORING



GUARANTEE AND MAINTENANCE

After installation of an FRS polished concrete floor, like any other flooring solution, maintenance is an important part in the up-keep of the floor condition.

As the top-layer of the concrete has been removed, this brings out a very smooth and uniform surface where dust, dirt and other contaminants will have difficulty in adhering to the surface, as normally occurs on untreated concrete, epoxy and tiled surfaces. This makes the cleaning significantly easier and more cost effective. There is no need for the use of harsh chemicals that will damage the environment as an FRS treated floor can be cleaned with normal cleaning pads and water.

To maintain the glossy properties of the surface, depending on the traffic on the floor, it is recommended that diamond-impregnated pads are routinely used to clean the floor.

MAINTENANCE OF AN FRS FLOOR - TYPE: HIGH-GLOSS

Recommendations:

Cleaning

Automatic cleaning machines / scrubber-driers:

These machines will ensure a good quality and uniform clean and are available in a variety of sizes. On floor areas of 500 m² and more, we recommend the use of machines that also have the ability to vacuum the water away whilst cleaning the floor. Most machines will have this option. Do not use the brush-system on the machine. Studies have shown that cleaning with pads is more efficient, as the pads will be in direct contact with the floor.

Cleaning Agents

Daily cleaning of the floor using water with no cleaning agents is generally sufficient to achieve a good and thorough clean. A mild soap or detergent can be added if required. Use a product with a pH-value between 7-9.

Entry Points, Doorways etc

We recommend the use of doormats at every point of foot traffic entry to the facility, to reduce contaminating elements such as sand, dirt and oil.

Stain Removal

To remove deep penetrated stains we recommend the use of diamond-impregnated bristles or pads. Once cleaned, apply densifier again in order to renew the sealing protection.

Guarantee

At Level Best we guarantee the floor surface finish for a period of 10 years from the installation date of the FRS. This is subject to no oils, acids or similar contaminants damaging or penetrating the surface.



COST SAVINGS AND BENEFITS

FRS cuts down on floor maintenance because a harder and smoother surface is cheaper to maintain.

	Floor Renovation System	Floor Paint	Self Smoothing 3mm Epoxy Resin
Tendency to Scratch	<i>Very difficult.</i>	<i>Easy.</i>	<i>Easy.</i>
Tendency to Stain	<i>Resistant due to the layer of protective sealant applied during the polishing process.</i>	<i>Less likely when intact, however areas of scratching will stain easily.</i>	<i>Not resistant to solvents and areas affected by this will stain.</i>
Chemical Resistance	<i>Protective sealer - it stops the penetration of chlorides, oil and water.</i>	<i>Not recommended.</i>	<i>Resistant to many chemicals, not resistant to solvents.</i>
Shine	<i>High.</i>	<i>High when new - fades after around 1 month once scratched and matted.</i>	<i>High when new - fades after around 1 month once scratched and matted.</i>
Timescale	<i>Approximately 1000m2 per day.</i>	<i>Concrete slab must be dry when the floor paint is applied or it will peel off rapidly. Timescale is 1 day per 1mm slab thickness.</i>	<i>Concrete slab must be dry when the floor paint is applied or it will peel off rapidly. Timescale is 1 day per 1mm slab thickness.</i>
Protection	<i>FRS means you don't have to use strong cleaning products, which generally are harmful in nature. Tyre marks can easily be removed using water and a mild soap.</i>	<i>Local protection is required against further operations. Use of trucks with non-marking tyres is recommended.</i>	<i>Local protection is required against further operations. Use of trucks with non-marking tyres is recommended.</i>
Maintenance and Cleaning	<i>Regular maintenance is required. Water and mild soap should be used in order to prolong the life of the floor.</i>	<i>Very high degree of regular maintenance required.</i>	<i>A life of 5 - 10 years should be expected. By the end of this period the floor will look tired and scratched.</i>
Cost	<i>£8.00 per m2.</i>	<i>£10.00 per m2.</i>	<i>£80.00 per m2.</i>



WHAT IS REVOLUTIONARY FLOOR RENOVATION (FRS) SYSTEM?

From a dusty, difficult-to-clean industrial floor to a dust-free, high-gloss surface in record time, we can transform an existing industrial concrete floor to a top-of-the-range floor, that is easy to clean, dust-free and looks fantastic.

The question, “How do I refurbish my existing, tired and weary concrete floor slab without having to spend a lot of money on expensive resins or floor painting?” The answer is now available with immediate effect in the form of the Floor Renovation System, which Level Best Concrete Flooring lead the way in offering.

It is becoming increasingly popular than ever to polish new industrial concrete and dry-shakes floors. Previously it has been the norm for flooring companies to focus only on making extremely hard floors with silicates or dry-shake hardeners, but now clients are requesting a concrete floor that is also easier to maintain. With Level Best’s innovative Floor Renovation System you can have just that.

The Floor Renovation System does not affect the structural integrity of the concrete floor slab. Rather it enhances it by removing the microscopic top layer of roughness on the concrete floor using a patented grinding and polishing method. The grinding to the floor is so incredibly light, that no step or deviation in layers is formed in the concrete surface. Once applied, the densifier penetrates deeply into the concrete surface, a chemical reaction takes place and the mineral dust particles are no longer able to escape the surface. This leaves the treated surface hardened and more resistant to abrasion.

Concrete grinding and polishing has never been as fast and easy. Level Best FRS polished floors are much more abrasion resistant and smoother than floors which are treated with concrete densifiers only. After using the FRS method, dirt and grime no longer collects on the concrete or dry-shake, and you have a 100% dust-free surface.

The Level Best FRS is one of the most economical and cost-effective ways to look after new industrial concrete and dry-shake floors. Low maintenance and long-lasting durability make FRS easy on the wallet, whilst achieving a beautiful floor at the same time.



BEAUTIFULLY POLISHED CONCRETE FLOORS ACHIEVED WITH FRS

Floor

Polished concrete has become the ultimate flooring material for big box retailers, warehouses and production facilities. Thanks to the Level Best Floor Renovation System (FRS), concrete floors can now be polished extremely quickly and cost-effectively.

The FRS makes concrete a more long-lasting and affordable flooring option compared to, for example, epoxy coatings or tile floors.

The FRS transforms old and new concrete floors into a beautifully glossy surface. Mechanically grinding and polishing the surface creating an extremely smooth and 100% dust-free floor.

Save Time and Money

Thanks to FRS, concrete floors can be polished faster and more cost-effectively than ever before. Construction schedules are very tight, often not leaving enough time for traditional grinding and polishing. Our team can produce over 10,000 sq ft of polished concrete in a working day!

Beauty and Gloss

The gloss level can be adjusted to the client's preference, from an extremely high degree of shine to satin gloss or uniquely concrete looking finish. Mirror glossy floor reflects light and doesn't require any wax or coating.

100% Dust-Free and Easy to Clean

After the FRS polishing, the floor is 100% dust-free, as dirt and grime can no longer collect on the smooth surface. Polishing reduces the need to clean concrete floors, and makes maintenance both easier and faster.

Durable and Abrasion Resistant

Level Best FRS increases the abrasion resistance of concrete up to 500%, so that the floor can better withstand heavy forklift and foot traffic. Level Best FRS polished concrete will not peel, chip or flake compared to epoxy coatings or painted floors. Polished concrete has a longer lifespan than vinyl composite tile (VCT) or upgraded stone tile; it only needs to be refinished once every five to ten years.