



Polished Concrete Guide

Learn more about the industrial and commercial applications of polished concrete with tips from our surface solutions experts.

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Our Story

Flooring and Surface Solutions Experts

Founded as a family business by Seamus Redmond in Ferns, Co Wexford, Ireland in 1996, Renobuild, has grown and expanded into the national surface solutions provider it is today.

Having operated in surfaces for over 30 years, Renobuild have developed a deep knowledge of ideal flooring solutions and applications for commercial and industrial projects across Ireland.

We specialise in applying hardwearing, low maintenance flooring with minimal disruption, whilst never compromising on aesthetics. Our vast industry flooring expertise ranges from automotive, leisure and hospitality to healthcare, pharmaceuticals, and the public sector.

Our surfaces can be found in hundreds of buildings across Ireland including warehouses, offices, showrooms, hospitals and even Google and Microsoft Headquarters in Dublin.

We collaborate with industry professionals to bring their creative vision to life while providing functional, durable and easy to maintain solutions for their projects. We strive to provide surfaces that add light, texture and a bold statement that can complement any environment.

Made to achieve your objectives, Renobuild provide surface solutions from floor suppliers, preparation, repairs and application to the highest industry standard. By starting at the bottom, we give you the right foundation to build on.

Our team of experts are happy to assist you in selecting the right finish for your project. We welcome you to contact us to discuss your upcoming project or alternatively, you can request a quote for your project.

Introduction to Polished Concrete

Why Architects, Designers and Contractors are choosing Polished Concrete

Polished Concrete has become a strong contender for the material of choice for commercial and industrial projects in recent years. The on-trend aesthetic complimented with strength, low-maintenance and cost efficiency makes for a savvy investment for all types of business projects.

Commercial and industrial flooring are often the most demanding of all surfaces for durability, safety and sanitation. For a surface that can withstand the daily challenges imposed by these busy environments, Polished Concrete is the ideal solution.

Polished Concrete is designed as a hardwearing flooring to withstand high volumes of foot and forklift traffic. The sleek surface is easy to clean and resistant to oil and chemical spills to optimize for manufacturing.

Although the material has a long history in industrial settings, this cost-effective alternative to tile, vinyl and other surfaces has been growing in popularity for spaces such as restaurants, showrooms, hotels, offices, museums and more.

As you know, first impressions are everything. Our Polished Concrete HTC Superfloor™ gives that initial impact your clients are asking for by revitalizing and strengthening concrete floors, new or old. With its highly reflective qualities, the concrete can transform any space for a light, fresh environment.

The sleek surface of our HTC Superfloor™ upholds a professional look to match a contemporary, minimalist feel whilst the flexibility of finish can also be customized to the branding of your client.

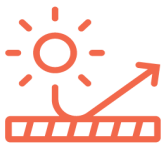
To meet the requirements needed for a commercial and industrial floor whilst never compromising on aesthetics, Polished Concrete is the perfect choice.



The Benefits Of Polished Concrete

There are many benefits of choosing Polished Concrete flooring for your commercial, industrial and residential space, from functional to aesthetic.

Highly reflective



The reflective nature of Polished Concrete maximizes natural light to brighten and transform your space and reduce your lighting costs.

Cost effective



Polished Concrete is a savvy, long term investment as it will stand the test of time whilst reducing your lighting and maintenance costs.

Anti-Static Floor



Reduces possible electrostatic discharge (ESD) that could cause interference or damage to employees and/or equipment.

Compatible with underfloor heating



Polished Concrete is the best surface solution to pair with underfloor heating as the concrete can store and distribute heat better than any other flooring.

Limitless design

Modern techniques have diversified polished concrete to come in an array of designs, colours and finishes. At Renobuild we allow you to design your own by adding in something to make it yours.



Safe

Polished Concrete creates a safe and secure working environment for many different activities. It produces no dust, is slip-resistant and is rated highest of all flooring in fire safety.



Highly durable

Polished concrete can be one of the most sustainable components in your building. The concrete is designed as a hardwearing, durable flooring to withstand high volumes of foot and forklift traffic. The sleek surface is easy to clean and resistant to oil and chemical spills to optimise for manufacturing.



HTC Superfloor™

Polished Concrete Range

We provide a wide range of HTC Superfloor™ Polished Concrete flooring solutions across a variety of industries, sectors, and applications. Which solution is right for your next project?

The HTC Superfloor™ method involves finishing concrete floors mechanically by diamond grinding and/or polishing to mechanically enhance a newly cast or existing concrete floor. The concrete is ground step-by-step according to a well-defined process for achieving the desired characteristics.

Our Polished Concrete range offers an ecological option to flooring.

HTC Superfloor™ is available in four different concepts, Platinum, Gold, Silver and Bronze.



HTC Superfloor™ Platinum

Platinum is our best in class Polished Concrete Finish and a go-to choice for professionals in the industry. To achieve a Platinum surface, this method involves grinding away the concrete skin and exposing the underlying, stronger concrete, to create a durable, highly glossy finish that is easy to clean and resistant to foot and forklift traffic. The platinum finish is known for its light reflective qualities to brighten and transform a room.



HTC Superfloor™ Silver

The Silver finish is ideal when looking for a well ground, strong, matte surface for your project. The method involves grinding away the concrete skin and exposing the underlying, stronger concrete, in the form of fine material, gravel and, where possible, aggregate. Due to the nature of the concrete construction, the larger aggregate may be exposed unevenly in the surface.



HTC Superfloor™ Gold

HTC Superfloor™ Gold is optimal if you have existing concrete that is even to achieve a highly glossy floor through the process of shallow grinding.

The method involves grinding away the concrete skin and exposing the underlying, stronger concrete, in the form of fine material. Normally, 1 mm of the surface is ground away.



HTC Superfloor™ Bronze

The Superfloor™ Bronze is ideal for polishing preexisting surfaces for a smooth, matte surface with no aggregate exposed. The concrete skin is polished without grinding it away, and the polished surface makes the floor easy to clean and more resistant to tire marks from forklifts and dirt.

Important! The concrete surface must be smooth with good surface treatment during casting. Irregularities in the concrete surface's colour and appearance are not removed by polishing.



Applications of Polished Concrete

The list of suitable applications for Polished Concrete are endless. The surfaces' durability and design aesthetic allow the concrete to compliment any environment.

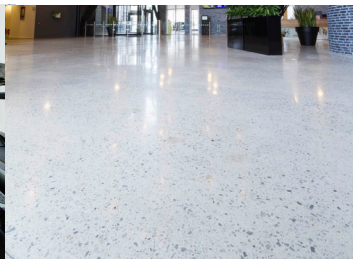
Commercial Applications

Industry professionals have seen the aesthetic potential of Polished Concrete and used this to add light, texture and a bold statement to commercial spaces. Our HTC Superfloor™ range is commonly used in the hospitality, leisure, and automotive sector to transform areas such as showrooms, shopping centres and gyms. The surface can uphold sanitation and safety standards required for these environments to provide a robust flooring solution.

To add aesthetic interest and a creative personal touch to your project that will wow your client, we can create bespoke one-of-a-kind pieces with liquid stone. These uniquely designed statement constructions transform the spaces they are in and can offer a variety of possibilities – from architectural pieces, to countertops, to floor designs, to swimming pools, to small finishing details, and more.



GYMS



Shopping Centres



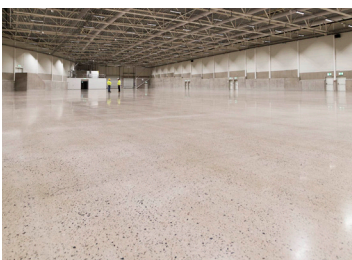
Museums



Hotels

Industrial Applications

The strength and hardwearing capabilities make Polished Concrete a standard flooring for industries such as Pharmaceuticals, Healthcare and Manufacturing. The concrete can withstand high volumes of foot and forklift traffic while remaining chemical and oil resistant to meet the high pressure needs of these industrial surroundings.



Warehouses



Garages



Hospitals



Laboratories

Line Marking With Renobuild

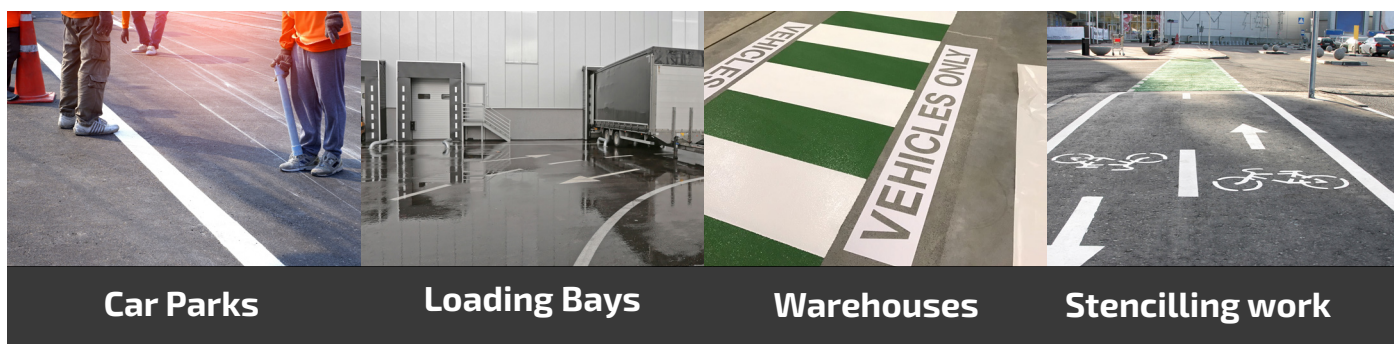
Choose Renobuild for your line marking for fast drying, slip resistant, heavy-duty lines that are durable and long lasting.

Optimise your polished concrete floor, warehouse or car park with Renobuild's high visibility line marking. Using state of the art machinery, we specialize in creating crisp, clean high-quality precision lines that stand the test of time and traffic.

Divide areas into zones, separate pedestrians and vehicles and allocate spaces with our line marking for both indoor and outdoor facilities.

Choose from our wide range of stencils to create anything from safety markings, numbering or letters to make sure your safety needs are met.

Our expertise includes:



Logos With Renobuild

Bring your brand to life in your surfaces.

We want your flooring to make an impression and be representative of your business. To optimize your showroom, reception or office we can customize your polished concrete floor by adding your logo for a truly unique finish. When it comes to concrete your options are limitless.



Bespoke Pieces

As part of your commercial project, we also offer unique Bespoke Pieces, bringing your creative designs to life.

These one-of-a-kind statement designs transform the spaces they are in. We can provide colourful displays, bold designs, custom-made bar tops, design floors, lockers, furniture details, countertops, benches, and more, to create focal points in rooms and make your commercial space functional, stylised, and memorable. With complete flexibility, any style or genre can be accommodated.

Suitable for any environment

We largely use two cement-based solutions in our Bespoke Pieces: Microcement and Polished Concrete. These versatile, high-performing materials are ideal for both interior and exterior surfaces and in any environment.

Limitless design options, unique to you

Our Bespoke Pieces are unique to your space, ideas, and functionality needs. With limitless design options, including structure, shape, colour, finish, and purpose, we can tailor our product to perfectly suit your space.

The solutions we use also work brilliantly with other materials, such as metal or stainless steel, wood, glass, stone, and other textiles, further expanding the possibilities of what we can create.

Low maintenance and extremely durable

The cement-based materials we use are low maintenance and easy to clean. With a little care, our Bespoke Pieces can last decades.

Cover up existing wear and tear

The solutions we use are remarkably effective at covering unsightly surfaces.





Keen To Get Under Your Feet

We offer a broad range of commercial and residential solutions from Polished Concrete to Design Floors. Contact us to find out more or click [here](#) to request a free, no-obligation quote

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