

Premium Concrete Overlays

by

STONE SEAL 

Modern.Bespoke.Luxurious.

- 3. Overview
- 4. The Benefits
- 7. Stone Seal Terazzo
- 9. Stone Seal Trowel
- 11. Applications
- 13 FAQ's



Overview

Achieve design excellence with Stone Seal Premium Seamless Concrete Overlays, which combine the best of aesthetic appeal and robust performance. These advanced cementitious floor overlay systems allow architects to create seamless surfaces tailored to any project, offering flexibility in both form and function. Whether it's for subtle industrial finishes or the bespoke elegance of terrazzo, Stone Seal provides solutions to match your design aspirations.

Elevated Design: Stone Seal Terrazzo | Seamless Architectural Overlay

Stone Seal Terrazzo Overlay elevates architectural projects with its perfect blend of beauty and performance. This high-performance terrazzo system allows architects to customise designs using a wide range of aggregates and colours, delivering unique, visually striking surfaces. Its seamless, joint-free application creates sleek, uninterrupted finishes, ideal for both modern and classic spaces. Engineered for durability, the overlay offers exceptional abrasion resistance and long-lasting performance, while its eco-friendly, LEED-compliant composition supports sustainable, high-end architectural design.

Subtle Sophistication: Stone Seal Trowel Overlay

Stone Seal Trowel Overlay offers architects the perfect balance of refined beauty and exceptional performance. Its seamless, joint-free finish mimics the industrial-chic appeal of Trowel, while custom colours and finishes provide design versatility. Engineered for high-traffic areas, this overlay combines remarkable durability with flexibility, resisting cracks and wear over time. With fast installation, zero shrinkage, and sustainability credentials, it delivers both aesthetic elegance and long-lasting performance for modern architectural spaces.

References available from info@stonesseal.ie

The Benefits



DURABILITY & LONGEVITY

Concrete overlays resist heavy foot traffic, wear and cracking, making them ideal for both residential and commercial spaces. They offer long-lasting performance in high-traffic areas.



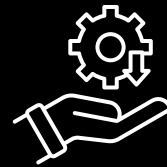
APPEARANCE & RETENTION

Stone Seal Trowel overlays maintain their aesthetic appeal over time with minimal upkeep, easily resisting stains and wear to consistently project a clean, modern look.



ENERGY EFFICIENCY

The reflective properties of stone seal overlays reduce lighting needs and boost energy savings, especially in large commercial spaces.



LOW MAINTENANCE

Once sealed, overlays are easy to maintain with routine cleaning. They resist stains and wear, requiring minimal upkeep to stay looking fresh.



QUICK INSTALLATION

Concrete overlays can be installed quickly, minimising downtime for renovation projects. The fast application process makes them suitable for time-sensitive projects.



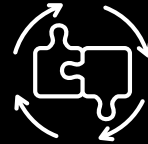
MOISTURE RESISTANCE

Properly sealed overlays protect against moisture, making them suitable for humid areas like kitchens and bathrooms.



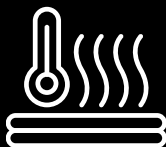
SUSTAINABILITY

By resurfacing existing floors, overlays reduce waste and support sustainable practices. They can incorporate locally sourced materials and low-VOC sealers.



SEAMLESS FINISH

Overlays provide a continuous, seamless surface, which is not only aesthetically pleasing but also easier to clean.



THERMAL PROPERTIES

Concrete overlays absorb and slowly release heat, improving energy efficiency. They also work well with underfloor heating systems for added comfort.



SLIP RESISTANCE

Enhances safety with customisable and interchangeable slip resistance, utilising varying levels of diamond grit finishes to meet diverse traction needs effectively.

Residential Project: Herbert Place Dublin 2

Stone Seal Terrazzo

This bespoke "red" Terrazzo floor from Stone Seal brings bold, vibrant elegance to this washroom. Featuring carefully embedded aggregates, the seamless finish provides both durability and a striking visual appeal. Ideal for adding a unique, luxurious touch to modern bathroom designs.



Stone Seal Terrazzo

Elevated Design: Stone Seal Terrazzo | Seamless Architectural Topping

For projects that require the utmost in customisation and visual impact, Stone Seal Terrazzo stands ready to deliver exceptional results. Meticulously crafted with hand-selected aggregates and premium cement, this ultra-high-performance terrazzo system offers architects limitless design possibilities. Combining bespoke aggregate sizes with unique colour blends, our seamless, joint-free surface showcases outstanding aesthetic qualities alongside exceptional strength, durability, and long-lasting performance for any area.

- **Bespoke Creations:** With the flexibility to integrate aggregates of different sizes, colours, and materials, this terrazzo topping provides limitless design opportunities for architects.
- **Unrivalled Durability:** This topping is engineered for heavy use, providing exceptional abrasion resistance and long-term performance, even in high-traffic commercial or industrial environments.
- **Seamless Finish, Maximum Impact:** Attain a flawless, joint free floor that enhances architectural spaces with a modern, uninterrupted look
- **Sustainability in Every Step:** Fully compliant with LEED, EPD certified, and designed for eco-conscious projects, making it an ideal choice for modern architecture.

How to Specify:

Scan the QR code below for a digital copy of the specifications.



Modern.Bespoke.Luxurious.

Residential Project - Coach House Rathfarnham

Bespoke Stone Seal Trowel

This residential space features an exquisite Stone Seal Trowel overlay, blending modern sophistication with timeless elegance. The smooth, light grey finish complements the exposed brickwork and stylish furniture. Durable and visually striking, this polished surface adds a refined touch to high-traffic areas, showcasing Stone Seal's craftsmanship.



Stone Seal Trowel

Subtle Sophistication: Stone Seal | Trowel Overlay

For architects pursuing a minimalist, industrial aesthetic, Stone Seal Trowel Overlay presents a flawless, seamless finish that enhances both modern and classic designs. Meticulously crafted with carefully selected aggregates and advanced cement, this high-performance overlay mimics the organic look of Trowel without exposing the aggregate. Its joint-free surface creates a smooth and sleek appearance while providing superior strength, flexibility, and customization options, ensuring lasting durability in high-traffic environments.

- **Tailored Elegance:** Offered in a rich palette of custom colours, this overlay integrates seamlessly into diverse design schemes, adding a touch of understated sophistication to any space.
- **Strength and Resilience:** Designed for enduring performance, Stone Seal Trowel resists cracking and wear, making it ideal for high-traffic areas.
- **Sleek, Seamless Finish:** Attain a flawless, joint-free floor that enhances architectural spaces with a modern, uninterrupted look.
- **Eco-Friendly Construction:** Certified for sustainability with LEED compliance and EC1 Plus Emi-code certification, this overlay supports greener building practices.

How to Specify:

Scan the QR code below for a digital copy of the specifications.



Modern.Bespoke.Luxurious.



Commercial Project: Salesforce

Bespoke Stone Seal Terrazzo

A bespoke Stone Seal terrazzo floor crafted for Salesforce. Custom aggregates and pigments were made to create a unique modern aesthetic. The durable and seamless finish perfectly complements the high-traffic commercial environment, adding both style and functionality to the space. Tailored to Salesforce's design vision, this Terrazzo floor is as resilient as it is striking.



Residential Floors

Offering complete design versatility, our system enables the creation of terrazzo, micro-terrazzo, or smooth, uniform surfaces in any shade, enhanced by an array of aggregate choices.



Commercial Floors

We can make infinite designs with our terrazzo, combining any base colour with a wide variety of mineral aggregates, crystals, mother-of-pearl or mirrors. You can choose the size & quantity of aggregates on your floor. You imagine it & we create it.



Industrial Spaces

Stone Seal Trowel overlay is a product specially designed for industrial use, with a very high resistance to abrasion, it is applied using helicopters & is perfect for renovation works in factories, warehouses & logistics centres.



Public Spaces

Our range offers fully customisable flooring solutions, with the option to create seamless surfaces. This adds emphasis on the durability and versatility of the product.



Residential Project: Tullamaore

Stone Seal Trowel as seen on Room to improve

Stone Seal's Room to Improve project highlights our Trowel expertise, blending modern aesthetics with durability. Featured on the popular TV show, the seamless concrete finish enhances both form and function. It's a testament to our commitment to quality and design innovation.



FAQ

What is a Trowel overlay, and how is it achieved?

Our Trowel overlays are crafted by applying a thin layer of architecturally designed cementitious screed over an existing surface. The overlay is then refined using diamond abrasives, which gradually smooth the surface to achieve a high-end, polished finish. This process reveals the natural aggregates, resulting in a visually striking and sophisticated appearance.

How durable are Trowel overlays compared to other flooring options?

Stone Seal's Trowel overlays are incredibly durable and resilient, capable of withstanding heavy foot traffic and equipment. These floors provide the strength of concrete while maintaining a refined aesthetic.

Can Trowel overlays be used both indoors and outdoors?

Yes, our Trowel overlays can be applied in both interior and exterior spaces. For exterior installations, minimal maintenance ensures lasting protection against weather and environmental factors.

Are Trowel overlays easy to maintain?

Trowel overlays are among the easiest flooring options to maintain. They do not require waxing or polishing and are highly resistant to scratches and wear, even in high-traffic areas.

What design options are available with Trowel overlays?

Stone Seal's Trowel overlays offer a wide range of customisation options. From lightly exposed to fully exposed aggregates, we also provide premium services with bespoke colours, shades, and aggregate sizes, allowing you to achieve a truly unique look tailored to your space.

Commercial Project: Indeed Ireland

Stone Seal Terrazzo

Situated in the heart of Dublin City, this raised access, custom designed Terrazzo floor was meticulously planned & laid by the Stone Seal team to perfection. aggregate patterns, adding a touch of contemporary elegance to the space,



FAQ CONT...

How long does it take to install Trowel overlays?

The installation process for Stone Seal's Trowel overlays typically takes 3-6 days, depending on the size of the area and the desired finish. Achieving the perfect floor requires both time and skill, and we prioritise delivering a high-quality result.

What is the cost of Trowel overlays compared to other flooring options?

The cost of a Trowel overlay can vary based on factors like the size of the area, the level of polishing, and whether any additional preparation (such as levelling or resurfacing) is needed. Each project is priced according to its specific requirements.

Are Trowel overlays slippery when wet?

While Trowel has a sleek, glossy finish, it offers good slip resistance. For commercial settings, Stone Seal can apply a specific sealer coating to further enhance safety.

Can Trowel overlays be used in a commercial setting?

Yes, Stone Seal Trowel overlays are highly durable, non-combustible, and require minimal maintenance. Their modern aesthetic and longevity make them an excellent choice for commercial and industrial spaces. Stone Seal hold all environmental certifications.

Can Trowel overlays be installed over existing concrete?

Yes, Stone Seal can install Trowel overlays over existing concrete, provided the surface is level, dry, and in good condition. Our overlays offer a fresh, refined finish without the need for complete concrete replacement.

STONE SEAL



SCAN ME

018770436
www.stoneseal.ie
info@stone seal.ie

SHOWROOM

by appointment only

Unit 10 Willsborough Business Park,
Clonsaugh Technology Park,
Dublin 17

