

seamless resin terrazzo flooring

your bespoke design
installed with peace of mind



vebro polymers

a big **hello** from vebro

Vebro Polymers is a global supplier of polymer flooring solutions, specialist coatings, pump screeds, rapid-drying screed additives and car park deck wearing and waterproofing solutions.

Our products and systems have been expertly designed for use in a wide variety of applications.

We can also provide specialist materials for use on fast turnaround new-build or renovation projects as well as those required for external applications or subfloor preparation prior to the installation of final finishes.

industries we serve



industrial & manufacturing



food & beverage



parking garages



commercial venues



prison buildings



shopping centres



institutional buildings



mixed-use developments



transport & infrastructure



external areas



global team, local expertise

Founded in the UK, Vebro Polymers has grown, establishing hub HQs and partnerships to serve local markets across the world. Vebro Polymers materials are brought to India by Thermax.



our big promise

Vebro Polymers was founded on a simple service promise to customers, which aims to provide the best quality, agility and reliability in the industry.

- Quality
- Agility
- Reliability

polymer flooring explained

what is polymer flooring?

Polymerisation is, in short, a chemical reaction between multiple components to create a polymer.

Although the components of a polymer floor are primarily liquid (other than added decorative flakes, filler aggregates, texturing sand or anti-slip quartz beads), the chemical reaction results in a hard, durable surface.

There are different types of polymer flooring, each with its own unique performance characteristics.

Technology	Best for...
Epoxy	Applications where durability and chemical resistance are required
Polyurethane	Applications where elasticity, impact resistance and UV stability are required
Polyurethane Concrete	Heavy-duty applications and areas of thermal shock
Comfort PU Liquid Vinyl	Commercial applications where design and improved indoor environmental quality are of high importance
Methyl Methacrylate (MMA)	Speedy applications, where a quick turnaround is required

how is polymer flooring installed?

The first, and arguably most important, step in the installation of a resin floor system is preparation. The applicator will ensure that the substrate has the correct degree of texture and is free of contaminants like dust, oils or grease that may affect the integrity of the final finish.

Once the substrate is ready, resin flooring materials are installed by experienced applicators in layers. Depending on the type of floor system being installed, this process often starts with a primer layer, then body coats and sealers where necessary, ensuring each coat has cured to the appropriate degree before moving on to the next.

benefits of seamless resin vs. alternative floor finishes



Seamless impervious finish, prevents the build-up of dirt in grout lines or at trims



Hardwearing and durable finish with a robust sealer that withstands frequent traffic



Easy to clean, simply wipe away spillages with a damp cloth or mop



Fast cure MMA systems available that can be installed overnight — walk on in just 60 minutes



Antistatic dissipative and conductive systems available to suit requirements



Wide range of finishes available to suit every area throughout the data centre

seamless resin terrazzo

luxury underfoot

Discover the infinite design possibilities of in-situ installed seamless resin terrazzo flooring, with **vebro** Classic Terrazzo — a seamlessly stylish, pigmented, epoxy resin bound terrazzo flooring system.

Designed for use in commercial areas subject to high levels of pedestrian traffic, the **vebro** Classic Terrazzo system incorporates an attractive blend of decorative aggregates and is ground, grouted and sealed to deliver an eye-catching terrazzo surface.

key performance benefits



Ultra-hard wearing with exceptional durability, ideal for high trafficked areas



Offers excellent lifecycle cost saving efficiencies and is easy to clean, sanitise and maintain



Offers more movement than traditional cement terrazzo and is less prone to cracking



Offers excellent chemical and stain resistance, ensuring an attractive finish is maintained



Incorporates a low emissions epoxy resin binder tested and certified by AgBB



Can be matched to any RAL colour or surrounding design schemes



Infinite design possibilities, choose your own aggregate and sizes



Retains warmth effectively, ideal for use over underfloor heating pipes



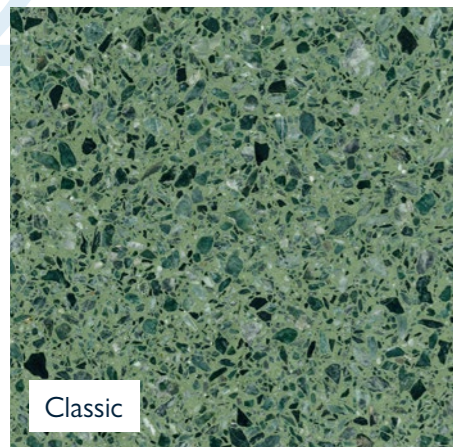
choose your look
infinite design
possibilities



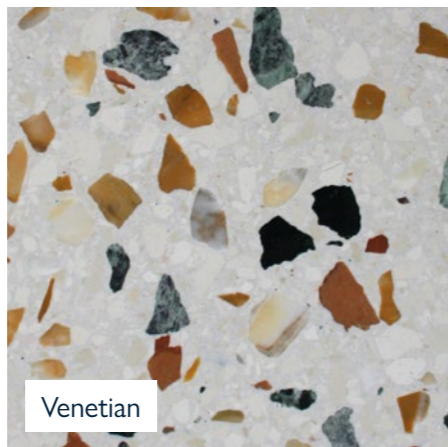
1 step one: choose your aggregate

The aggregates used within the terrazzo are the major component of the floor finish. This can include anything ranging from natural stone, coloured glass, mirror glass, marble, clay, granite, flint or even fragments of pre-loved terrazzo. Using recycled aggregates as part of the terrazzo topping can help to contribute towards LEED credits.

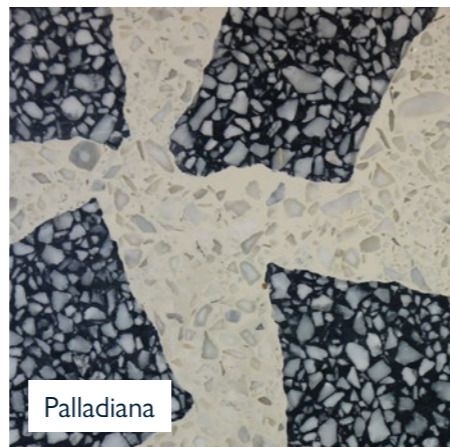
2 step two: choose your style



Classic



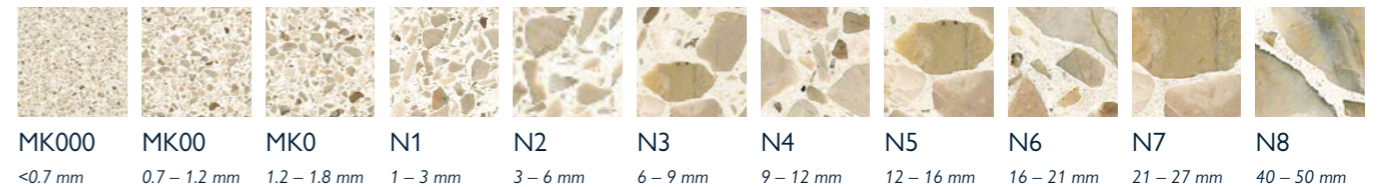
Venetian



Palladiana

3 step three: choose your size

Generally, the standard chip sizes for **vebro** Classic Terrazzo are categorized from MK000 to N8 as below. Our team will work with you to identify the most appropriate balance of aggregate sizes to create the look you desire.



4 step four: choose your epoxy resin binder colour



The colour of the Vebro Polymers' epoxy binder is totally customisable, allowing end users, architects and specifiers to match brand colours or interior design schemes perfectly. Alternatively, a clear binder is also available to produce a more natural finish. The material is liquid-tight, lighter than cement, offers excellent crack-resistance and meets AgBB criteria for low emissions coatings.

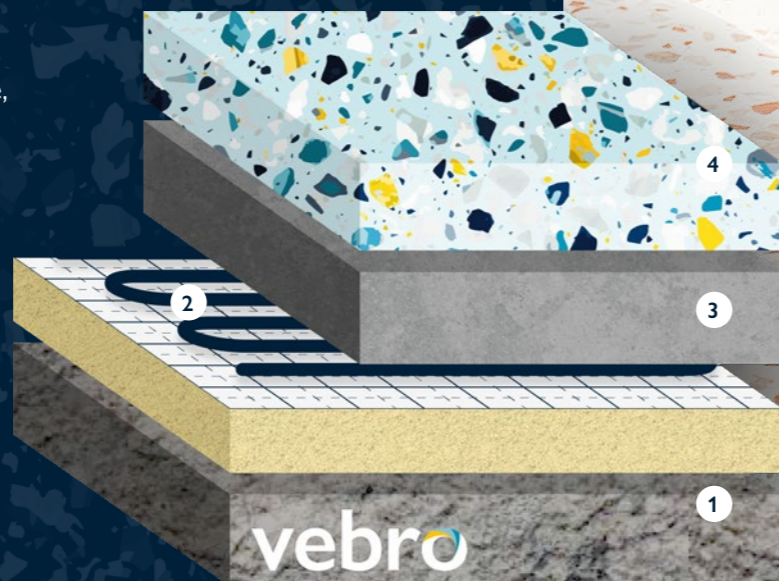
5 step five: choose your floor's finish

Vebro Polymers' high performance resin sealers are second to none. Choose from a high-gloss or matt polished finish for low traffic areas, or for high-traffic areas where slip resistance is critical a clear anti-slip bead can be incorporated into either the gloss or matt seal coats.

the terrazzo topping & all that lies beneath

From substrate repair and crack bandaging, through to cementitious levelling screeds, underfloor heating, and, of course, seamless terrazzo floor toppings, Vebro Polymers has all your flooring needs covered.

- 1 Prepared substrate
- 2 vebro underfloor heating system
- 3 Heavy duty v-Screed
- 4 vebro Classic Terrazzo



technical properties overview

↑ Thickness	Typically 8.0 mm once ground (dependent on aggregate size)
📏 Compressive Strength	approx. 55 – 70 N/mm ²
📦 Wear Resistance	6.1 cm ³ / 50 cm ²
🚶 Slip Resistance	Class R11 (Dry)
🌡️ Temperature Resistance	Up to 80°C (Intermittent)

suitable applications



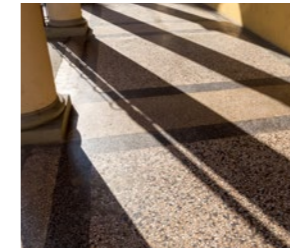
Corporate offices



Retail showrooms



Restaurants & bars



Museums & art galleries



Lobbies & atriums



Airports & shopping malls

the complete package



Specification & technical support

Our team will help ensure that your seamless resin terrazzo floor performs to your requirements



Technical drawings & design grids

Our expert team will be on hand to support with project-specific drawings and plans



Substrate & site survey

Our expert partners will ensure site and substrate conditions are optimal for successful installation



Material supply

All materials will be of the highest quality, and available on site for the installation team to get to work



Sample approval

The team will help to develop workable samples based on your vision for the floor finish



Installation service & aftercare

Vebro works with a network of trusted application partners to install your epoxy terrazzo floor



vebropolymers.com

Please note: the information in this guide is subject to change and the most recent technical data should be sought for accurate, up-to-date product or system information. Errors & omissions excepted. The applied colours may differ from the examples shown within this guide. Actual samples should always be viewed before making a final decision, especially if colour accuracy or matching is key to your decision.

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