

stadiums flooring specification guide



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.



 vebro HQ  manufacturing  distribution

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.



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, texturising 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
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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



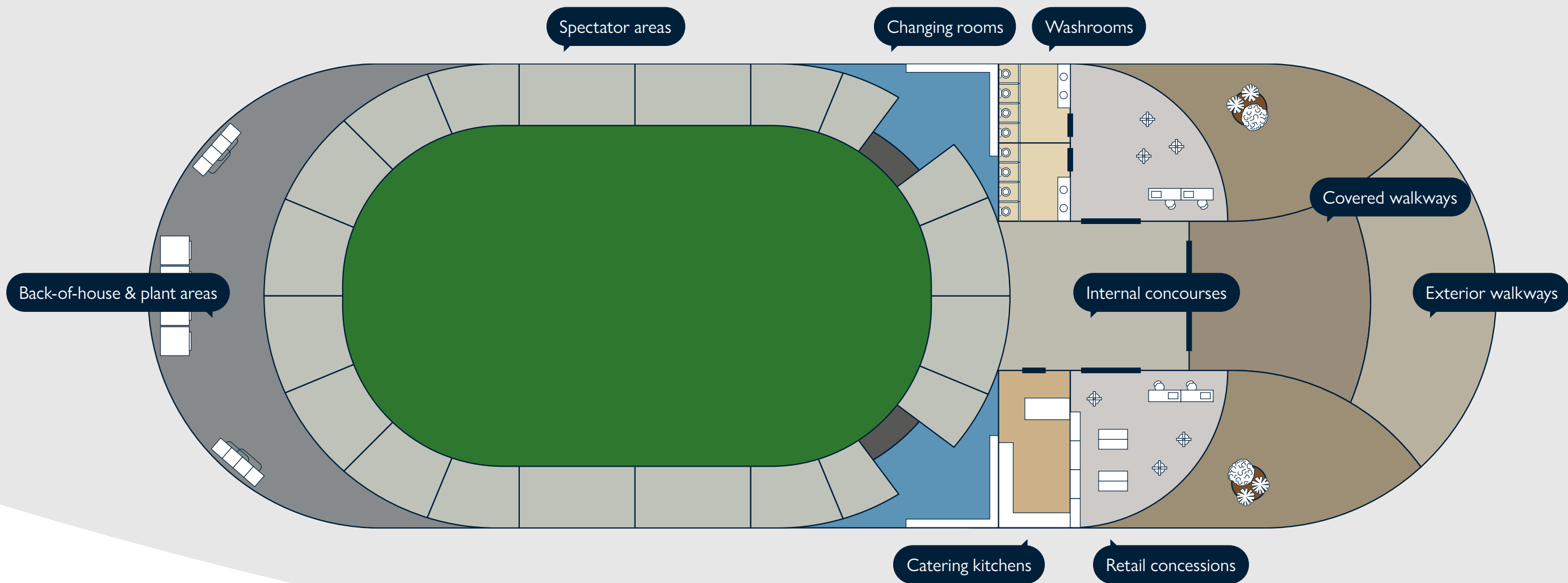
Fast cure MMA systems available that can be installed overnight — walk on in just 60 minutes



Antistatic dissipative and conductive systems available to suit requirements



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



stadiums

floor systems selector

The Vebro Polymers offering includes a wide range of polymer flooring solutions ranging from high-build and self-smoothing epoxy coatings as well as decorative options through to specialist polyurethane concrete.

Each of Vebro Polymers’ range of floor systems has been specifically designed to meet various service criteria. For that reason, we’ve put together our recommended floor systems for each area of stadiums in this handy product selector.

Vebro Polymers Floor System	Internal concourses	Washrooms	Changing rooms	Retail concessions	Catering kitchens	Back-of-house & plant areas	Covered walkways	Exterior walkways
vebrores EP SL2						✓		
vebrores EP SL Decorative			✓					
vebrores EP Flake	✓	✓		✓				
vebrores EP Quartz Classic				✓				
vebro Classic Terrazzo	✓							
vebrocrete RT					✓			
vebrodeck PU ID							✓	
vebrodeck MMA ED								✓

stadiums floor systems guide

Ranging from low-emissions coatings, through to deck coating systems and heavy duty, chemical resistant PU concrete finishes, Vebro Polymers offers a complete range of resin flooring materials for stadiums and sporting venues.

what does it all mean?

Throughout this floor system guide, you will see a number of icons relating to the installation and performance features of each system recommended for stadiums. Here's what they all mean...



Application thickness



FeRFA type



Working time



Time before light foot traffic



Full chemical curing time at 20°C

technically speaking...

Looking for technical information?
Full technical profiles can be found in Vebro Polymers' technical datasheets.

For the most recent technical datasheets and standard system specifications, please visit vebropolymers.com

self-levelling epoxy flooring systems

vebrores EP SL2

- 1 vebro EP Primer (2 coats)
- 2 vebro EP SL2

best for back-of-house & plant areas

3

2.0 mm

18 hrs

7 days



vebrores EP SL Decorative

- 1 vebro EP Primer (2 coats)
- 2 vebro EP SL Decorative

best for changing areas

3

2.0 mm

18 hrs

7 days



self-smoothing coatings colours

Light Grey (RAL 7035)	Silver Grey (RAL 7001)	Concrete Grey (RAL 7023)	Ivory (RAL 1014)
Sand Yellow (RAL 1002)	Light Blue (RAL 5012)	Coral Red (RAL 3016)	Emerald Green (RAL 6001)

self-smoothing decorative blends

Goosewing Grey	Cream	Pastel Green	Light Blue	Off White
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flake & quartz epoxy systems

vebrores EP Flake

- 1 vebro EP Sealer
- 2 vebro EP SL2
- 3 vebro Coloured Quartz Blends
- 4 vebro EP Quartz Binder
- 5 vebro PU UV Seal (Clear Matt)

best for internal concourses, washrooms & retail concessions

3 2.0 – 3.0 mm 12 hrs 48 hrs

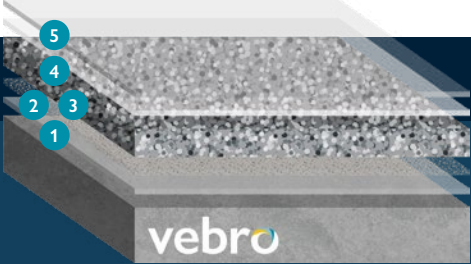


vebrores EP Quartz Classic

- 1 vebro EP Primer
- 2 vebro Coloured Quartz Blends
- 3 vebro EP Quartz Binder with Coloured Quartz Blends
- 4 vebro EP Grout (Clear)
- 5 vebro PU UV Seal (Clear Satin)

best for retail concessions

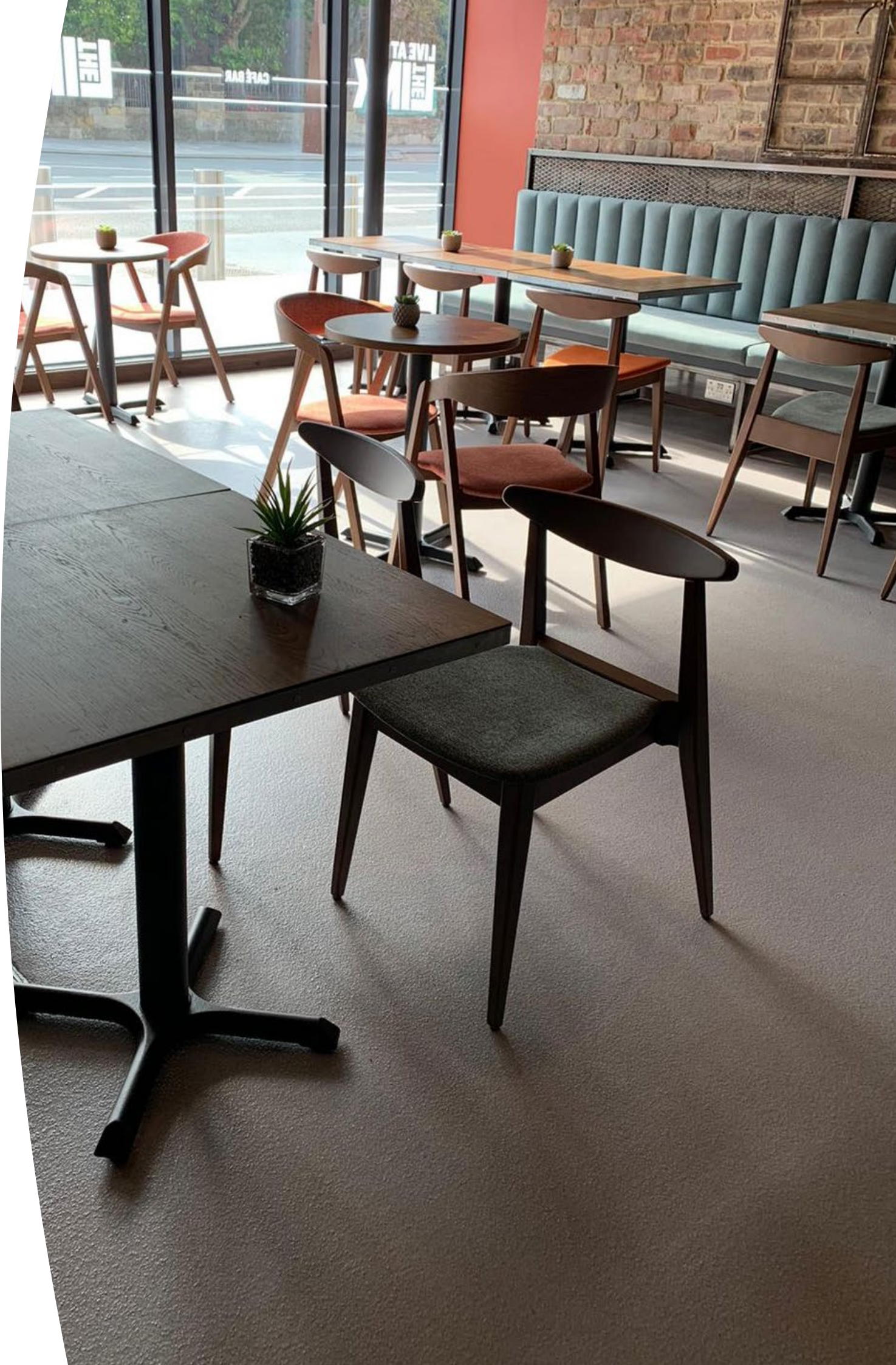
6 4.0 mm 16 hrs 7 days



flake blends



quartz blends

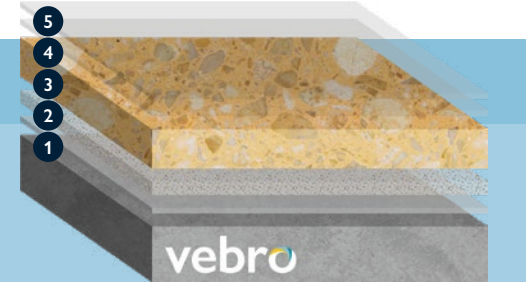




epoxy terrazzo flooring

vebro Classic Terrazzo

- 1 vebro EP Primer
- 2 vebro Natural Quartz
- 3 vebro EP Binder
- 4 vebro EP Binder
- 5 vebro PU UV WB Seal



best for internal concourses

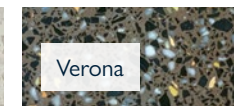
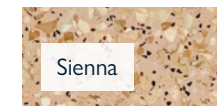
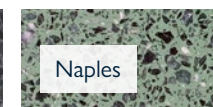
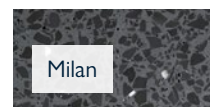
8

8.0 mm

12 hrs

7 days

terrazzo finishes



polyurethane concrete

vebrocrete RT

- 1 vebrocrete PU Primer or vebrocrete PU RT
- 2 vebrocrete PU RT



best for catering kitchens

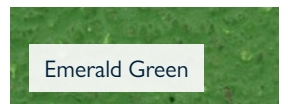
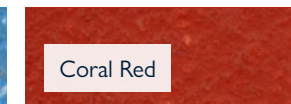
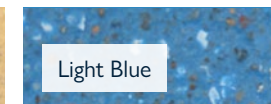
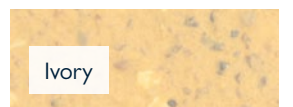
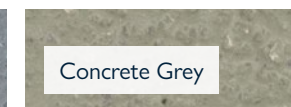
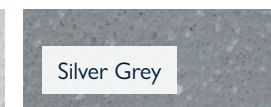
8

6.0 - 9.0 mm

12 hrs

7 days

polyurethane concrete colours



deck coating systems

vebrodeck PU ID


- 1 vebrodeck PU BC
- 2 30 – 80s mesh sand
- 3 vebrodeck PU TC

best for covered walkways

1.5 – 2.0 mm

24 hrs

7 days



vebrodeck MMA ED

- 1 vebro MMA Damp Primer
- 2 vebro Natural Quartz
- 3 vebrodeck MMA Membrane
- 4 vebro MMA Flex Binder with vebro MMA Filler
- 5 vebro Natural Quartz
- 6 vebrodeck MMA Topcoat

2% vebro MMA Catalyst on binder weight is recommended.

best for exterior walkways

3.0 – 3.5 mm

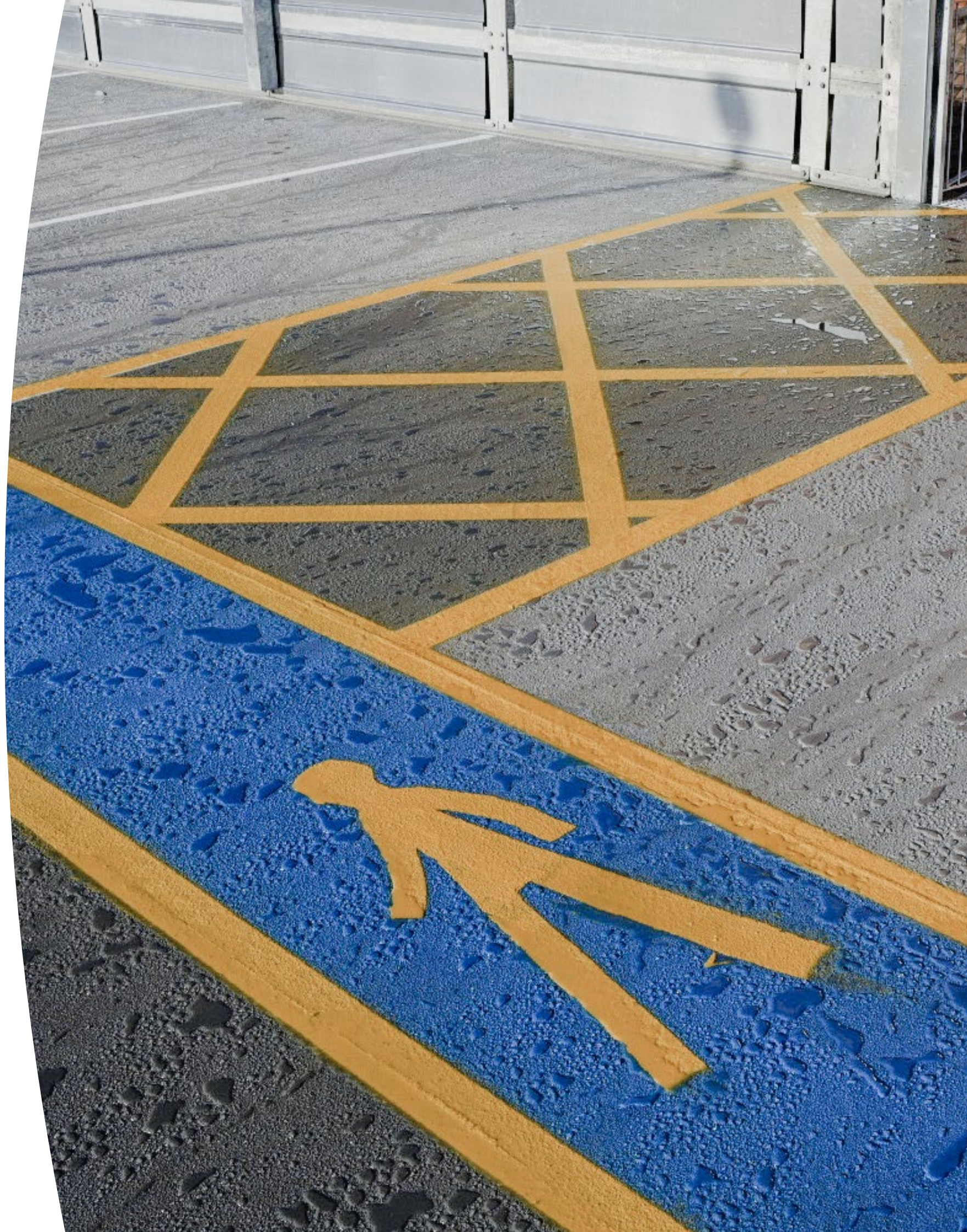
45 mins

90 mins



deck coating system colours

Light Grey (RAL 7035)	Silver Grey (RAL 7001)	Slate Grey (RAL 7015)	Ivory (RAL 1014)
Light Blue (RAL 5012)	Traffic Blue (RAL 5017)	Coral Red (RAL 3016)	Emerald Green (RAL 6001)





vebro polymers.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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Vebro Polymers - Specialist Resin Flooring for Stadiums EN-INDIA 03/03/25