



MONODEC

Polished Concrete Flooring Concept for:

- ✓ Hospitals & Schools
- ✓ Retail & Leisure
- ✓ Airports & Railways
- ✓ Manufacturing
- ✓ Food & Drink
- ✓ Warehousing

Monodec Polished Concrete Flooring Solutions

Transform an existing concrete slab into a stunning, easily cleaned, hardwearing and high performance surface using specialist grinding and polishing techniques designed to bring out the best in the concrete below.

The Monodec concept uses diamond grinding techniques to remove the surface laitance and expose the natural aggregates used in the concrete mix. A number of specialist repair, densifying and staining products can then be used to treat the slab, strengthen the concrete and add colour and uniformity to the surface if required.

Polishing and grinding techniques are then employed to achieve a super flat, super glossy finish that is durable, easy to clean and maintain alongside offering clients a lifecycle cost that is typically 60% less than traditional floor coverings. In addition, if the treatment of the existing concrete slab is not an option, Monodec Thin-Crete systems are available as decorative overlays.

Benefits of the Monodec Range

✓	Easily cleaned and maintained seamless surface
✓	Offers excellent strength, wear resistance and durability
✓	Delivers chemical and liquid resistance
✓	Offers excellent slip resistance due to the micro-profile of the surface
✓	Suitable for new build and refurbishment
✓	Unlimited lifespan and low lifecycle cost projections
✓	Uses as much as 30 times less energy than traditional flooring
✓	Add a coloured stain or pattern to the concrete surface
✓	Either treat existing concrete or apply new overlay

NEW!
RIBA APPROVED CPD:
"SPECIFYING POLISHED
CONCRETE"

To book, email
cpd@flowcrete.com



Monodec Polished Concrete Systems

Monodec Grande Lux

Specialist treatments to deliver a high aesthetic finish from existing concrete slab.

Monodec Grande Lux showcases the natural beauty of the balast in the existing concrete slab with a super glossy, light-reflective finish that offers excellent chemical resistance and does not mark when subject to rubber-wheeled traffic.



Monodec Thin-Crete Lux (10 mm)

Uses a pigmented overlay screed to recreate the effect of a glossy polished concrete.

Monodec Thin-Crete Lux does not expose the original construction concrete, instead a pigmented screed containing fine aggregates is installed, densified, diamond ground and polished to remove the unpredictability of working with construction concrete.



Monodec Thin-Crete Primo (10 mm)

A cost-effective, coloured concrete system involving minimal polishing steps.

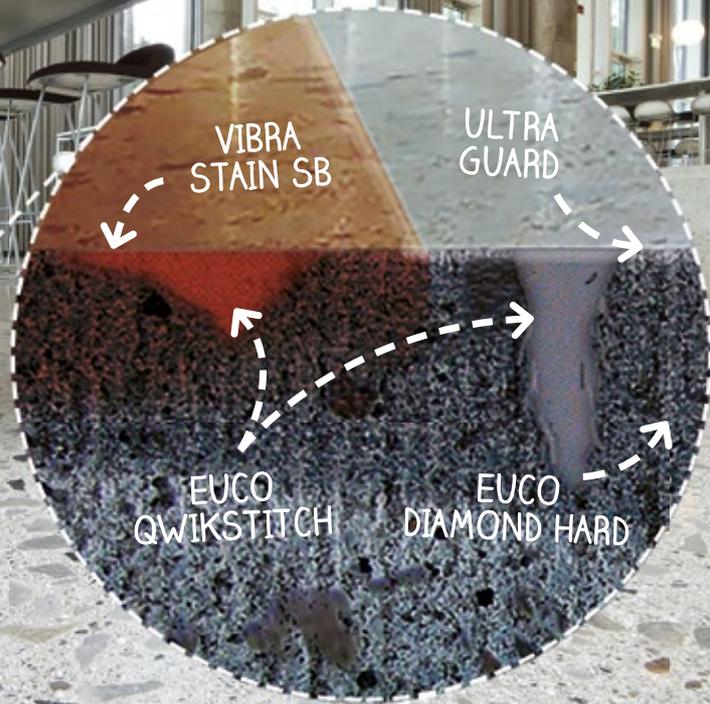
Monodec Thin-Crete Primo involves the installation of a pigmented screed, which is then sealed with a protective, stain-resistant coating that delivers a functional, concrete-look finish.



	EUCO QUIK STITCH	VIBRA STAIN SB	FLOWPRIME	LEVEL TOP SP	EUCO DIAMOND HARD	ULTRAGUARD
Monodec Grande Lux	✓*	✓*			✓	✓
Monodec Thin-Crete Lux			✓	✓	✓	✓
Monodec Thin-Crete Primo			✓	✓		✓

*Optional

FEATURED SYSTEM:
**MONODEC
GRANDE LUX**



UNTREATED
CONCRETE SLAB

Products Used in Monodec Polished Concrete

Euco QWIKstitch

A two-component urethane repair liquid that is used to mend cracks in concrete, spalled joints and damaged or uneven concrete surfaces. Its fast cure time makes quick work of repair jobs with floors that can be fully trafficked in less than one hour.

Euco Diamond Hard

A unique blend of silicate and silicate polymers that penetrate concrete surfaces and chemically react to increase surface density, durability and abrasion resistance. Concrete treated with Euco Diamond Hard is dust-proof, resists tyre marks and is easier to maintain.

Flowprime

A two-component, low viscosity and practically odourless epoxy resin coating that is used to prime concrete surfaces prior to overcoating. Flowprime has been formulated to provide fast thin film cure with absence of amine blush under low temperatures and high humidity.

Vibra Stain SB

A special blend of dyes in solvent-soluble powder formulated to be mixed with acetone to create deeply penetrating vibrant semi-transparent color for concrete surfaces. Vibra-Stain SB is specially formulated for use when creating polished interior concrete surfaces.

UltraGuard

A water-based polymeric protectant that improves the appearance and durability of concrete floors. UltraGuard contains a powerful stain-resistant additive and is further enhanced with lithium silicate, which provides densification of the concrete surface.

Increte Level Top SP

A self-leveling re-surfacing compound, designed for use on new or worn concrete substrates. Level Top SP provides excellent adhesion, strength and long-term durability. Level Top SP can be integrally coloured, dyed, stained and polished for a decorative finish.