



## PRODUCT SUMMARY

- ▶ A guide to high performance industrial and commercial flooring systems available from Flowcrete Africa.

# Welcome to Flowcrete Africa

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Looking for a flooring solution that meets the demands of an industrial manufacturing environment? Looking for a floor finish for a commercial space that makes a bold design statement underfoot?

Achieving the correct balance between aesthetics, performance, cost, longevity, durability and installation requirements is often hard to juggle - that's where we come in!

Flowcrete Africa are a world leader in the manufacture of seamless resin flooring. We have built up a reputation as the flooring specialist, with a passion for developing solutions that achieve the demanding service conditions and performance criteria required by the industrial manufacturing sectors, as well as floor finishes that create a welcoming environment in commercial spaces. What's more, our range of flooring solutions includes specialist finishes that have been developed to cater for car parking structures, areas sensitive to chemical attack, electronic manufacturing plants and environments where hygiene is key.

Our passion for achieving excellence in flooring technology means that not only are our floor finishes of the highest quality, but we can also provide the right tools to support and maintain your floor. As well as our wide variety of seamless resin flooring solutions, Flowcrete Africa also offer a comprehensive range of grouts & mortars, adhesives, compounds & resins, protective coatings & linings and cleaning chemicals.

## Accreditations & Awards

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Flowcrete Africa is the leading manufacturer of polyurethane, acrylic and epoxy resin floor coatings and specialist adhesives, mortars and grouts across the African continent.

Our products come backed by industry experts and have been awarded a range of accreditations for their excellence, offering you peace of mind.

For more information visit [www.flowcretesa.co.za](http://www.flowcretesa.co.za)

# Specialist Flooring for a Range of Environments

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Flowcrete Africa delivers solutions suitable for a range of both commercial and industrial market sectors.

## Commercial Markets



Airports



Retail



Stadiums



Education



Healthcare



Leisure



Offices



Parking Structures

## Industrial Markets



Automotive



Food & Beverage



Aerospace



Pharmaceutical



Chemical



Electronic



Manufacturing



Print

# Industrial Flooring

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Flowseal EPW	Water based epoxy coating	Water dispersed epoxy enamel for floors and walls. Available in non slip for wet area application. Ideal for showers, ablutions etc.
Hydraseal DPM	Liquid damp proof sealer	A two component, solvent free, epoxy resin liquid applied surface damp proof membrane
Flowcoat SF41 (Hi-Build)	Epoxy coating	Durable, high chemical resistant floor coating. Also available in a non-slip finish.
Flowcoat UV	Polyurethane coating	A two pack polyurethane sealer providing excellent UV protection and abrasion resistance.
Flowcem DPM	Cement composite	A three component, technically advanced epoxy cement, self smoothing composite as a surface damp proof underlay.
Flowshield SL 1000	Self-levelling epoxy	A tough, durable, hard-wearing epoxy coating. Ideal for industrial, showroom and warehouse floors. Applied at 1mm.
Flowshield 1000 CR	Chemical resistant self-levelling epoxy	A durable, self-smoothing, highly chemical resistant epoxy.
Flowshield SL	Self-levelling epoxy	A tough, durable, self-levelling system applied at 2mm to concrete floors. Attractive colours and finishes available.
Flowshield Quartz	Decorative self-levelling epoxy	Attractive self-levelling epoxy with a speckled black and white granite looking finish. Installed at 2mm.
Flowshield ESD	Anti-static epoxy	A self-levelling, anti-static epoxy topping installed at 1 or 2mm.
Flowshield LXP	Self-levelling polyurethane	High impact resistant, tough, self-levelling polyurethane combining good chemical resistance and crack bridging properties. Thermal shock resistant and suitable for use at low temperature.
Flowtex HT	Epoxy screed	Heavy duty, high impact and chemical resistant epoxy flooring compound with textured finish in attractive colours. Installed at 6mm.
Flowtex CR	Chemical resistant epoxy screed	High chemical resistant floor screed particularly suitable for areas exposed to concentrated acids. Also available as a laminating resin. Applied at 6mm.
Peran PTS	Epoxy screed	Peran PTS is a hard-wearing, uni-coloured resin floor topping made up of natural coloured quartz granules power trowelled and encapsulated in a resin binder. Applied at 4mm.
Isocrete K-Screed	Admixture	Strong and quick drying trowel applied proprietary cement sand additive.
Flowscreed Industrial Top	Cementitious	A fast drying, pump applied, cement based floor topping for fast track renovation of concrete floors. Typically installed at 4–8mm.
Isocrete Self Level	Cementitious	A fast drying pump applied cement-based underlayment, for levelling of concrete floors before the installation of floor coverings.





# Commercial Flooring

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Peran STB	Epoxy screed	A hard wearing decorative resin floor topping made up of colour stable quartz granules encapsulated in a clear resin binder.
Peran SL Fruity	Self-smoothing epoxy	Glossy, silky smooth finish ideal for a trendy, contemporary environment.
Mondéco Crystal	Epoxy terrazzo	A seamless terrazzo containing water-white clear glass aggregates and coloured resin with excellent abrasion resistance. Applied at 10mm and finished at 8mm.
Mondéco Earth	Epoxy terrazzo	Hygienic epoxy terrazzo floor finish containing decorative granite and silica quartz. Applied at 10mm and finished at 8mm.
Mondéco TZ	Polyurethane terrazzo	An attractive polyurethane terrazzo floor finish with decorative quartz granules. It contains the additive Polygiene® making it a hygienic flooring option.
Rustik Stone Carpet	Stone carpet (internal)	Colourful pieces of stone are encapsulated in a clear resin to produce an attractive slip resistant floor finish.
Naturewalk	Stone carpet (external)	A seamless and slip resistant bonded gravel system, whereby a range of natural stone aggregates are scattered into a solvent free resin binder.
Metallic Expressions	Polyurea coating	A decorative, hard wearing chemical resistant, advanced polyurea technology providing a unique and versatile metallic floor finish.
FlowSport	Flexible sports floor	A composite surface specially designed and fabricated to create a synthetic flexible sports floor.

# Corrosion Protection

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Flowchem VE RC	Vinyl ester coating	A roller coat vinyl ester resin based coating system, with excellent chemical and mechanical resistance. Applied between 0.5mm and 1mm thick.
Flowchem VE GL	Vinyl ester glass laminate coating	A hand or sprayed applied vinyl ester resin based glass fibre reinforced lining system with outstanding chemical, thermal and mechanical resistance. Applied up to 3mm thick.
Flowchem VE V-05 / H-05	Vinyl ester resin screed	A vertical / horizontal trowel applied vinyl ester resin based screed system with excellent chemical and mechanical resistance. Applied approximately 5mm thick.





## Flowfast MMA

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Flowfast Quartz	MMA resin screed	A hard wearing, decorative resin floor topping made up of colour stable quartz granules encapsulated in a clear resin binder. Ready for use in 2 hours.
Flowfast Quartz Scatter	MMA resin screed	A hard wearing, quartz scatter system using colour stable quartz granules encapsulated in a clear resin binder. Ready for use in 2 hours.
Flowfast Terrosso	MMA topping	A hard wearing, decorative resin floor topping made up of colour stable flakes encapsulated in a clear resin binder. Ready for use in 2 hours.
Flowfast Standard Primer	MMA concrete primer	Ideal for use on concrete and cementitious screeds.
Flowfast Asphalt Primer	MMA asphalt primer	A primer specially formulated to cover asphalt surfaces.
Flowfast Ceramic / Metal Primer	MMA ceramic / metal primer	Ideal for use on all ceramic and metal surfaces.
Flowfast Damp Primer	MMA damp primer	Ideal for use on concrete screeds that have a moisture content in excess of 5%.

# Flowfresh Polyurethane\*



PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Flowfresh MF	Polyurethane resin screed	A 4mm heavy duty, chemical resistant antimicrobial treated polyurethane resin floor finish. Attractive smooth matt coloured floor finish. Ideal for use in dry processing environments.
Flowfresh RT	Polyurethane resin screed	An easily applied 6–9mm heavy duty, chemical resistant antimicrobial treated polyurethane resin floor screed. Attractive fine textured coloured floor finish with a speckled effect on the surface. Ideal for use in wet processing environments.
Flowfresh SR Ultra	Polyurethane resin floor system	A 5mm heavy duty, chemical resistant, anti-microbial polyurethane resin floor system with a textured finish. The Ultra Polyurea technology makes this a fast track installation system.
Flowfresh SRQ Ultra	Polyurethane quartz screed	A 5–6mm attractive coloured quartz polyurethane screed. The Ultra Polyurea technology makes this a fast track installation.
Flowfresh Ultra Flakes	Decorative polyurethane flake system	A decorative flake floor system using the advanced polyurea technology.
Flowfresh SL	Polyurethane self-levelling screed	A 2–3mm highly durable, chemical resistant antimicrobial treated polyurethane resin floor finish. Attractive smooth matt coloured floor finish.
Flowfresh WR	Polyurethane coving and wall rendering mortar	A 6mm heavy duty, chemical resistant polyurethane coving and wall rendering mortar. Attractive fine textured finish with a speckled effect.

\*All Flowfresh systems are HACCP International certified and incorporate Polygiene® - an antimicrobial additive which inhibits the growth of bacteria, fungi, mould and mildew.

## Deckshield & Waterproofing

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Deckshield ID	Solvent free polyurethane	Flexible and durable car park decking system used to coat intermediate car park decks.
Deckshield ED	Solvent free polyurethane	A durable car park decking system for external car park decks incorporating a flexible membrane.
Deckshield Rapide ED	Solvent free methyl methacrylate	A fast curing car park deck coating system which provides a colourful crack bridging, waterproof wearing surface for use over exposed decks of multi-storey car parks.
129 Y	Cement modifier	Admixture for cementitious waterproofing and screed toppings. Improves adhesion compressive and flexural strength and water resistance.
Ivoflex	Acrylic waterproofing	Waterproofing system for concrete and metal roofs and flashings.



## Floor, Wall & Roof Coatings

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Flowprime/ Flowprime 303	Epoxy primer	Various grades of solvent free and solvent based primers.
Flowprime 348	Epoxy primer	A highly chemical resistant, moisture tolerant epoxy primer or coating.
Ivory 402	Single pack polyurethane	Floor hardener and anti dusting coating for concrete and wooden floors. Protective lining for shutter boards.
Concrecote	Acrylic coating	A high performance acrylic coating with crack bridging elastomeric properties for the protection of concrete structures.
Super Satin	Water dispersed polyurethane epoxy	A clear tough and scuff resistant water dispersed polyurethane for concrete, wood and epoxy surfaces with a satin finish.
Flowthane	Polyurethane / acrylic water based coating	Clear acrylic dressing for unglazed tiles, concrete surfaces and brick work.
Ivocryl	Acrylic duplex coating system	Ivocryl Straw Primer and Ivocryl Top Coat Gloss form a duplex coating system to galvanised surfaces. Extensively used on cellular communication masts and towers.
Ivosheen	Pure acrylic coating based paint	Ivosheen is a UV resistant finishing paint, formulated to give excellent durability for interior and exterior applications.
Ivoflex HV	Acrylic coating	High quality sheen acrylic coating for roofs or walls.

## Grouts & Mortars

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Ivory 318/30	Epoxy pourable grout	For grouting under machine bases, railchairs, grouting bolts.
Ivory 328	Epoxy tile grout	Water wipeable tile grout for chemical resistant tile joints.
Flowcem VS	Vertical skim epoxy topping	A water dispersed epoxy modified cement sealing mortar.
Conrep Bondex	Cementitious	A water dispersible cementitious powder used for concrete repair and priming.
Conrep SF 65	Cementitious grout	Flowable non-shrink cementitious grout for tank and machine bases.
Conrep Super Plaster	Cementitious mortar	Rapid cure, 30mPa in 24 hours. Ready to use multipurpose repair mortar. Rapid floor or stairway repair.
Flowfast F1 Repair Mortar	Methyl Methacrylate mortar	A fast curing repair mortar that can be applied in temperatures between 0 to -20°C.

## Protective Coatings & Linings

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Ivory 317 Hi Wear	Epoxy wear lining	Epoxy system containing graded ceramic fillers. A wear lining applied on plant and equipment to protect against abrasion.
Ivory 317 LV Wearcote	Wear resistant epoxy coating	Protection of steel surfaces from erosion by abrasive liquids and slurries. Brushable viscosity.
Ivory 338 LR	High chemical resistant epoxy resin	Used as coating or glass reinforced laminate to protect concrete and steel structures and bund areas from chemical attack.
Ivory 340	Solvent free epoxy coating	Protective internal lining of oil and fuel tanks. Steel protection in chemical environments. Vapour proof coating for polystyrene insulation.
Ivory 340 FG	Solvent free food grade epoxy coating	Lining for concrete and steel structures in contact with food or potable water.
Ivory 340/5/LV	Low viscosity epoxy resin	Low viscosity penetrating epoxy resin for wood and concrete surfaces.
Ivory 348	Moisture tolerant epoxy resin	Moisture tolerant epoxy resin for use with glass reinforcing, silica fillers or as a primer on high moisture surfaces and under humid conditions.
Ivory 366	Epoxy primer	Zinc Phosphate primer for ferrous metal surfaces.

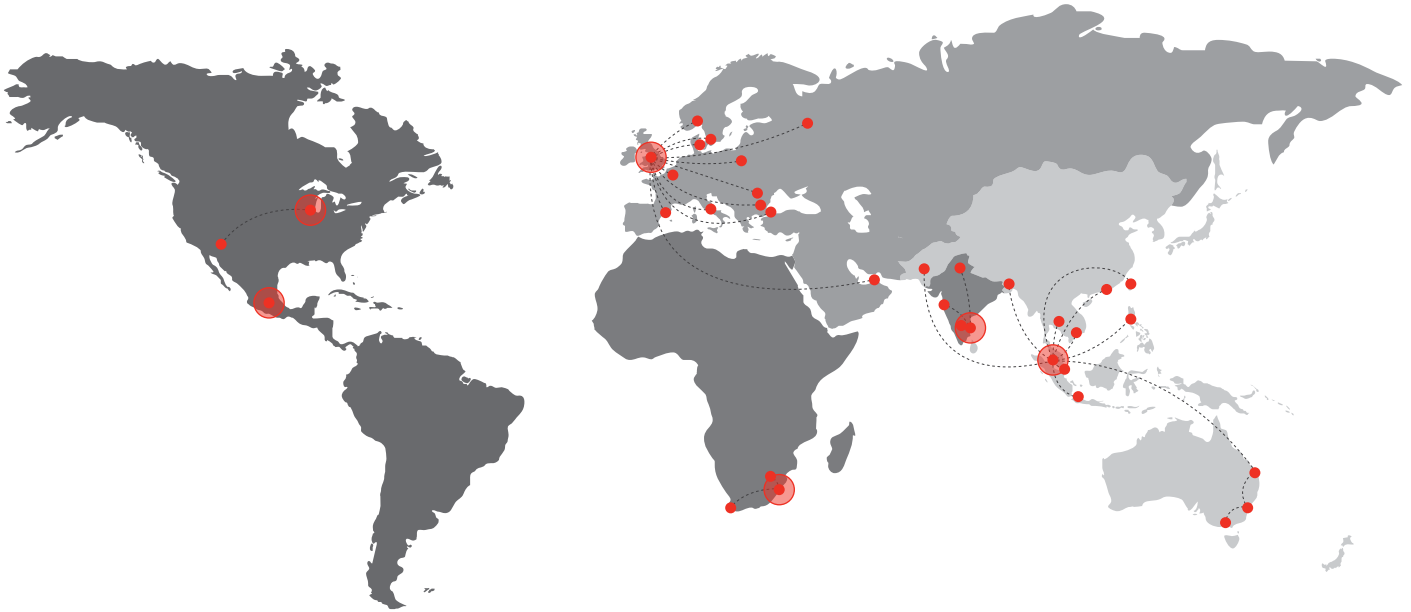
## Adhesives, Compounds & Resins

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Ivory 318	Epoxy liquid	Multipurpose structural liquid epoxy for crack injection, concrete repairs and encapsulation.
Ivory 318B	Epoxy liquid	General purpose thixotropic laminating resin for tank linings, boat repairs and laminating polystyrene.
Ivory 319 Hi-Bond	Epoxy adhesive	High performance flexible adhesive for bonding all types of steel, including stainless.
Ivory 319 TAQ	Epoxy mastic	Quick-set general purpose epoxy adhesive for industrial tiling and bonding concrete, fibreglass etc.
Ivory 320	Epoxy paste	Unfilled, thixotropic general purpose epoxy adhesive for wood to wood, GRP, steel etc.
Ivory MATRIX L.R	Epoxy liquid	High performance resin for glass reinforced composites.
Aquapaste	Epoxy paste	General purpose adhesive and skimming paste. Water wipeable and convenient mix ratio 1:1.
Ivory 312	Road stud adhesive	Fixing 'cats eyes', creating rumble strips, bonding curbs to asphalt.

# Cleaning Chemicals

PRODUCT	TECHNOLOGY	DESCRIPTION AND USE
Kwikshine	Acrylic sealer	Protective and decorative dressing for linoleum, vinyl, plastic, rubber, sealed cork, concrete, slasto, terrazzo and asphalt flooring systems.
Epoxy / Polyurethane Thinners	Solvent	Used for the cleaning and thinning of epoxy or polyurethanes.
Remove	Liquid detergent	Highly concentrated, versatile, free rinsing liquid detergent with good grease cutting properties.
BioRemove	Biodegradable degreaser	Concentrated, biodegradable industrial detergent with degreasing and grease cutting properties.
Ivodet	Liquid detergent	Universal cleaner used for degreasing and cleaning pots, pans and other dishes.
Petra	Liquid soap	A liquid hand soap that can be used in most dispensers.
Glimmerwax	Liquid detergent	A versatile cleaner especially formulated for the cleaning of vehicles. It incorporates a liquid organic wax.
W.S.B.C	Solvent	Water miscible free rinsing tool and brush cleaner and conditioner.
Galvprep	Liquid detergent	Specialised cleaning solution for galvanised iron.
One Shot	Liquid detergent	Industrial caustic based floor cleaner. Ideal for removing fat, blood, oil etc.
Eraze	Powder floor cleaner	Used for the fast removal of oil and grease. Specially designed to clean garages and forecourts.
Zapex R	Liquid degreaser	A powerful liquid engine degreaser, used for the removal of road film, grease and oil.
Scale Off	Liquid metal conditioner	Used for the removal of water scale, mill scale, rust and cement deposits.
Scale Off 4	Liquid metal conditioner	A rust removing liquid metal conditioner. Rapidly penetrates and removes heavy rust.
Hand Cleaner AB	Hand cleaner	Highly effective in removing grease, tar, paint and fiberglass from your hands.
Concrete Etchant	Acid cleaner	Concentrated acid cleaner and etchant for masonry and concrete surfaces.
Safe T3 / Safe T128	Cold cleaning solvents	Used for the safe cleaning of electrical units.
Sanitol	Disinfectant liquid detergent	A combined disinfectant detergent used to disinfect and control odours.





## Flowcrete

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