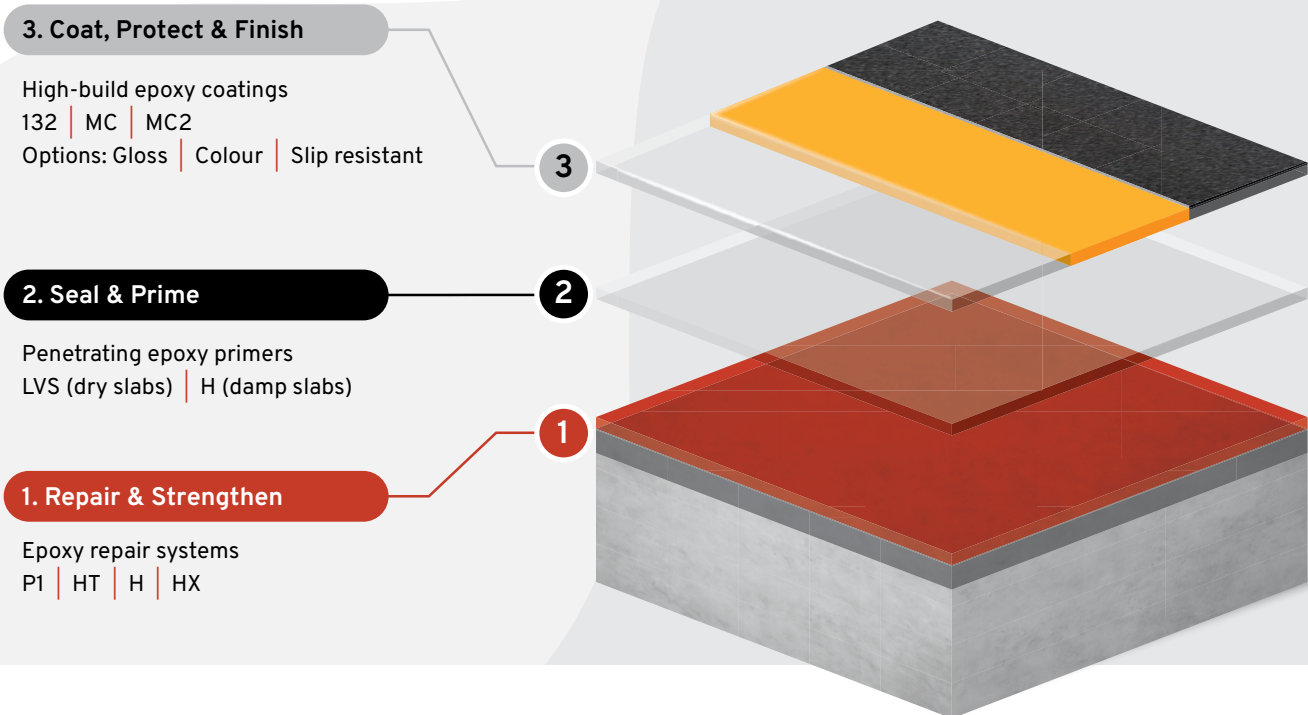


Epoxy Systems for Heavy-Duty Flooring

Use this guide to match your environment and exposure conditions to a proven Megapoxy flooring system.

Our formulations can be adapted to suit specific site conditions, substrates and needs. Our team and trusted distributor network are here to help you get the best results.



3. Coat, Protect & Finish

High-build epoxy coatings
 132 | MC | MC2
 Options: Gloss | Colour | Slip resistant

2. Seal & Prime

Penetrating epoxy primers
 LVS (dry slabs) | H (damp slabs)

1. Repair & Strengthen

Epoxy repair systems
 P1 | HT | H | HX

The right system – from the substrate up

Many heavy-duty flooring projects need more than one product. They demand a seamless, compatible epoxy system from concrete substrate repair through to final coating.

REPAIR + STRENGTHEN	SEAL + PRIME	COAT, PROTECT + FINISH
Epoxy repair systems <ul style="list-style-type: none"> • Megapoxy P1 or HT – shallow, wider cracks • Megapoxy H or HX – finer cracks 	Penetrating epoxy primers <ul style="list-style-type: none"> • Megapoxy LVS (dry slabs) • Megapoxy H (damp slabs) 	High-build epoxy coatings <ul style="list-style-type: none"> • Megapoxy 132 MC MC2 (MC2 = ultra-high build) • Options: gloss, colour, slip resistance

Key Megapoxy flooring solutions

This guide provides a summary of our proven solutions for concrete floor repairs and coatings.

For more specific product advice tailored to your project, contact our team today (see back page).



Megapoxy LVS

Low-Viscosity Sealer

Low-viscosity penetrating sealer and primer for concrete, brick and other porous surfaces. Seals floors against oils, fats, dilute acids and other corrosive materials, protects against damp and improves surface strength. Commonly used as a primer under Megapoxy floor coatings.



Megapoxy 132

High-Strength Epoxy Coating

Two-component, solvent-free, low-viscosity protective floor coating for commercial and industrial applications. Delivers durable, easy-clean floors in food and beverage production, warehouses, hospitals, catering kitchens, forklift ramps and driveways. VOC-free and suitable for contact with foodstuffs and potable water.



Megapoxy MC/MC2

Heavy-Duty Maintenance Coatings

100% solids, high-build maintenance coatings for concrete and steel in aggressive industrial and food environments. Provide hygienic, dust free, chemically resistant surfaces, including resistance to hydrogen sulphide, safe for food applications, with MC2 offering faster work and re-coating times.



Megapoxy P1

Epoxy Paste Adhesive

Very-low VOC epoxy paste adhesive with high-strength, permanent bonds and a simple 1:1 mix ratio. Used for concrete floor and stair repairs, patching, coves and edges before coating, and suitable where potable water contact is required.



Megapoxy H

Low-Viscosity Hydrophilic Epoxy Resin





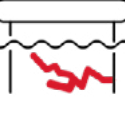
Low-viscosity, 100% solids, solvent-free hydrophilic epoxy resin. Used as a wet-to-dry concrete adhesive and primer on damp slabs, and for crack repair and epoxy mortars, and suitable for structures in contact with potable water.



Typical systems – by environment

Products and application can vary based on site conditions and project needs.







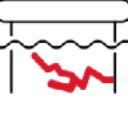
FLOOR USE	TYPICAL EXAMPLES	EXPOSURE + CONDITIONS
 <p>General industrial workshops, warehouses, forklift ramps</p>	Warehouses, manufacturing and vehicle workshops, distribution centres, aircraft hangars	Heavy forklift and rubber-tyred vehicle traffic, moderate chemical exposure and regular cleaning
 <p>High-chemical & harsh industrial areas</p>	Chemical storage, abattoirs, food wash-down bays, CIP rooms, truck wash bays	Exposure to oils, fats, dilute acids and H ₂ S, with aggressive cleaning and frequent wash-downs
 <p>Food / beverage production & cold storage, pharmaceutical</p>	Commercial kitchens, breweries, bottling plants, food processing lines, dairies, cold storage, pharmaceutical manufacturing	Wet processing areas with food residues, detergents and sanitising chemicals, hot wash-downs and tight shutdown windows
 <p>General commercial & light-chemical industrial</p>	Hospitals, aged care facilities, laboratories, showrooms, aircraft hangars, dry warehouses	Internal areas with foot and trolley traffic, forklifts and vehicles, regular cleaning with detergents and sanitisers, and moderate chemical exposure
 <p>Sewage, water & chemical processing (including defence infrastructure)</p>	Water and wastewater treatment plants, clarifiers, channels and sumps, chemical bunds, defence infrastructure	Immersion or splash exposure to treatment chemicals and H ₂ S, with frequent wash-downs in potable or sewage environments

Continues next page.

Note

- **Slip resistance:** Add aggregate between coats of Megapoxy 132 or MC to achieve the required slip rating.
- **Surface preparation, mixing and application** are critical to performance. Guidance and resources are available at megapoxy.com.



FLOOR USE	PRIMER	COATING	ANTI-SLIP
 <p>General industrial workshops, warehouses, forklift ramps</p>	Megapoxy LVS low viscosity sealer	2 × Megapoxy MC heavy-duty maintenance coating	Optional in high-traffic areas: ramps, walkways and loading docks
 <p>High-chemical & harsh industrial areas</p>	Megapoxy H (damp slabs) Megapoxy LVS (dry slabs)	2 × Megapoxy MC heavy-duty maintenance coating	Recommended in wet areas, wash-down bays and sloped floors
 <p>Food / beverage production & cold storage, pharmaceutical</p>	Megapoxy LVS	2 × Megapoxy MC2 heavy-duty maintenance coating (rapid return to service to minimise shutdown time)	Recommended in production areas, wash-down zones and cold rooms
 <p>General commercial & light-chemical industrial</p>	Megapoxy LVS (dry slabs) or Megapoxy H (damp slabs)	2 × Megapoxy 132 high-strength epoxy coating	Recommended in wet rooms, plant rooms and ramps
 <p>Sewage, water & chemical processing (including defence infrastructure)</p>	Megapoxy H (damp slabs) Megapoxy LVS (dry slabs)	2 × Megapoxy MC or MC2 heavy-duty maintenance coating (use MC2 for faster return to service)	Recommended for walkways, platforms and access ways

For the most extreme environments

For applications with extreme wear and abrasion, **Megadure Ceramic Coating** can be considered. Widely used in mining and heavy industry, it can also be applied in specialised flooring situations. Talk to our technical team for more information.



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