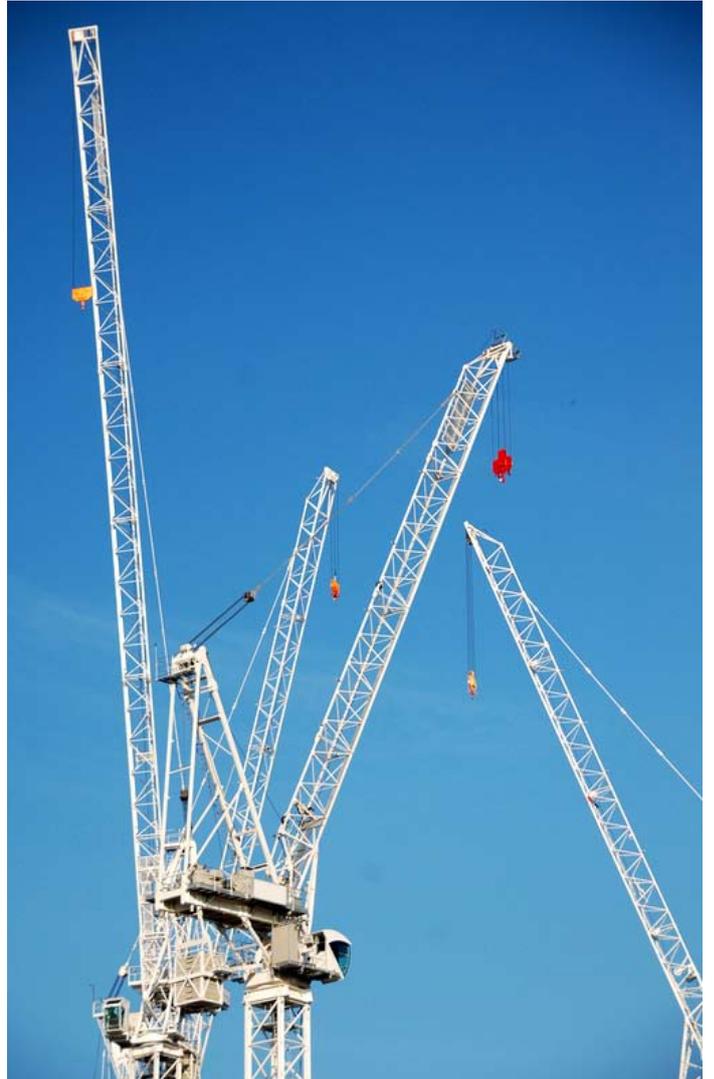


ROCK-BOND

Products Summary Brochure

Rockbond SCP Ltd
*Formulators,
Manufacturers
and Consultants of
Special Concrete Products*



Rockbond SCP LTD

Rockbond has pioneered the use of microsilica cements in the UK and has gained over 30 years experience with Portland microsilica cementitious materials. These materials have been used in the Channel Tunnel, the Thames Ring Main and on the Dartford Bridge.

We've got it in the bag!

We supply ready to use, "All in the bag", dry mixed cementitious materials that are fast, simple and safe to use. Using quick and high strength cements that are acrylic modified and shrinkage compensated. Producing admixtures for concrete, flexible concrete and Anti- Carbonation Coatings that provide protection equivalent to 750mm of good quality concrete!

Available worldwide

We supply formulations for the production of Rockbond Special Concrete Products manufactured in countries outside the UK which are based on local cement, sand and aggregate.

Contact us today...

Should you require further information on any of these products, or details of other Rockbond special concrete products, please contact our technical department:

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Rockbond Fastrock Concrete used to repair carriageway concrete on the M25.



Rockbond Abrasion Resistant Mortar and Floor Screed Steel Reinforced used for flume and flatbed repairs at British Sugar.

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Rockbond Underwater Mortar used to repair the concrete at Queen's Park Lake, Brighton.

1. Rockbond Concrete Repair and Protection Products, RB CRPP

Product	Uses	Water/ Powder Ratio	CONSISTENCY at 20°C	POT LIFE at 20°C	COMPRESSIVE STRENGTH at 20°C, MPa (days)			Tonnes required for 1m ³
					1	7	28	
Rockbond Steel Primer (RB SP)	To chemically passify steel in chemically aggressive environments. To protect steel against de-icing salts and for use in marine locations. Ideal alternative to zinc rich primers or resin coating systems.	40%	Thixotropic Grout	30 minutes	N/A	N/A	N/A	1.25kg/m ²
Rockbond Repair Mortar (RB RM)	To repair and protect concrete to the Dept of Transport Specifications. For general repairs to concrete floors, ramps, roads, car parks, cementitious surfaces, render, mortar, masonry, stone, bricks and blocks. To fill and seal voids under baseplates, in concrete, cavities, gaps and joints.	14%	Good Mortar	20 minutes	15	40	55	2.000Mg
Rockbond Sprayed Concrete (RM SC)	Formulated to the Dept of Transport Specification BD 27/86. Quick and rapid repairs to concrete structures. Protective coatings in mechanically aggressive environments such as marine defences, tunnels, culverts and moving water situations.	12%	Stiff Mortar	10 minutes	20	45	55	2.100Mg
Rockbond Lightweight Mortar (RB LWM)	In high build situations for use in one application: 60mm or more on soffit surfaces, 75mm or more on vertical surfaces. For use as a large volume void filler. To thermally insulate buildings, walls, pipes and ducts.	40%	Good Mortar	20 minutes	10	20	30	1.300Mg
Rockbond Lightweight 1200 Grout (RB LW1200G)	Whenever a low weight, high flow material is required. For use as a large, lightweight volume void filler. Compatible repairs to lightweight cementitious materials, concrete, bricks and blocks. To form and manufacture low density, precast concrete products and lightweight artifacts.	36%	Good Grout	60 minutes	5	10	15	0.850Mg
Rockbond Repair Grout (RB RG)	Filling and sealing of voids and general purpose grouting. Load bearing applications: under heavy machine baseplates, structural baseplates, bridge bearing seats, crane rail tracks, generators and compressors. Holding down assemblies, anchor bolts and starter bars.	16%	Fluid Grout	30 minutes	20	45	60	1.900Mg
Rockbond Repair Concrete (RB RC)	Designed to the Department of Transport Specification for Highway Works. Concrete repairs to reinforced concrete structures. To repair concrete floors, car parks, pathways, loading bays, roadways and motorways.	12%	Flowing Concrete	30 minutes	20	45	65	2.225Mg

2. Rockbond Flooring Systems, RB FS

Product	Uses	Water/ powder Ratio	CONSISTENCY at 20°C	POT LIFE at 20°C	COMPRESSIVE STRENGTH at 20°C, MPa (days)			Tonnes (Mg) for 1m ³
					1	7	28	
Rockbond Floor Levelling Compound (RB FLC)	To produce flat, even and smooth surfaces to concrete and concrete floors. To repair, re-surface and smooth damaged concrete floors, paths and steps. A quick drying underlayment to solvent based resin toppings, carpets and tiles.	28%	Fluid Screed	30 minutes	25	35	40	1.725Mg 25kg covers 5m ² at 2.9mm
Rockbond Industrial Floor Screed (RB IFS)	To repair concrete floors, pathways, loading bays, car parks and roads. To protect concrete in chemically aggressive environments such as: chemical works and stores, food processing factories, breweries, dairies and farms. To produce flat, level, smooth and attractive surfaces whenever required.	20%	Fluid Screed	20 minutes	25	35	55	1.800Mg 25kg covers 5m ² at 2.8mm
Rockbond Heavy Duty Industrial Floor Screed (RB HDIFS)	In areas where there is heavy and frequent vehicular traffic. In heavy engineering and railway workshops and shipyards. To repair and protect concrete against loading buckets, shovels and grabs.	13%	Mobile Screed	20 minutes	30	50	70	2.100Mg 25kg covers 5m ² at 5.2mm
Rockbond Floor Screed (RB FS)	To top concrete and cementitious floors, ramps, paths and roadways. In areas of high mechanical attack: engineering workshops and assembly plants. In chemically hostile areas: food factories, farms, abattoirs, dairies and breweries.	10%	Good Screed	45 minutes	25	45	65	2.000Mg 25kg covers 1m ² at 12.5mm
Rockbond Floor Screed Accelerated (RB FSA)	To repair and resurface concrete floors, steps, car parks, paths and roads. In loading bays, warehouse and factory floors that require early trafficking. A quick drying underlayment to solvent based resin toppings, carpets and tiles.	10%	Good Screed	15 minutes	30	45	65	2.000Mg 25kg covers 1m ² at 12.5mm
Rockbond Top Floor Topping (RB RBFT) (Sprinkle Top)	To top concrete in areas where there is frequent and heavy vehicular traffic. To produce non slip, non skid surfaces to steps, ramps, paths and roadways. In loading bays where fork lift traffic and heavy vehicles collect and maneuver. When mixed with water: for use as a high strength repair mortar to resist wear from impact and abrasion.	10%	Good Mortar	30 minutes	20	40	70	5kg/m ² concrete surface

Rockbond Projects

Newby



Rockbond Underwater Mortar used to repair the bridge and weir at Newby, Ulverston

Green King Brewery



Rockbond Floor Screed Steel Reinforced to repair the floor and loading bay areas at the Green King brewery, Bury St. Edmunds, Suffolk.

Mcduff Marine Aquarium



Rockbond Underwater Mortars use to form rock features and artifacts for the Mcduff Marine Aquarium, Aberdeenshire, Scotland.

Houses of Parliament



Rockbond Waterstop Mortar and Rockbond Flexible Membrane to seal and waterproof the walls of the restaurant below the level of the river Thames at the House of Lords, The Palace of Westminster.

Interior and Exterior Design



Rockbond WorkTop Concrete for casting concrete countertops, worktops and furniture for home and garden.

3. Rockbond Quick Strength Materials, RB QSM

Product	Uses	Water/ Powder Ratio	CONSISTENCY at 20°C	POT LIFE at 20°C	COMPRESSIVE STRENGTH, MPa, days			Tonnes (Mg) for 1m ³
					1	7	28	
Rockbond Fastrock (RB FRCm) and Mortar (RB FRM)	Applications that require a quick strength cement, mortar or concrete. Fast patch repairs to roadways, pathways, floors and steps. Quick bedding in of precast concrete units, manhole rings and covers, posts, frames, kerbs, stones, slabs, bricks and frames.	32%	Good Mortar	15 minutes	25	35	50	1.675Mg Cement
		16%	Good Mortar	15 minutes	10 MPa at 2 hours	22	30	55
Rockbond Fastrock Accelerated Cement (RB FRACm) and mortar (RB FRAM)	Applications that require a quick strength mortar or concrete at 5°C. Quick fixings and connections into concrete, masonry, rock, block and brick. Quick bedding in of precast concrete units, manhole rings and covers, posts, frames, kerbs, stones, slabs, bricks and frames at 5°C.	32%	Good Mortar at 5°C	10 minutes at 5°C	20	25	40	1.675Mg
		16%	Good Mortar at 5°C	10 minutes at 5°C	8MPa at 2 hours at 5°C At 5°C	30	50	70
Rockbond Fastrock Grout (RB FRG) and Concrete (RB FRC)	Quick return to use to roadways, carriageway and runway concrete. Void filling applications that require early strength. To provide early support to machine and structural baseplates.	16%	Fluid Grout	20 minutes	20	40	60	2.000Mg
		10%	Flowing Concrete	20 minutes	10 MPa at 2 hours	30	50	70
Rockbond Fastrock Accelerated Grout (RB FRAG) and Concrete (RB FRAC)	In situations that require materials to gain a rapid early strength at 5°C. Repairs to factory floors, car parks, forecourts, loading bays and ramps that require early trafficking. Bedding in applications that require rapid early strength such as crash barriers, posts, manhole covers, kerbs, drains and precast concrete at 5°C.	16%	Fluid Grout at 5°C	10 minutes at 5°C	35	50	80	2.000Mg
		11%	Flowing Concrete at 5°C	10 minutes at 5°C	20MPa at 2 hours at 5°C At 5°C	40	50	70
Rockbond Waterstop Mortar (RB WSM)	To stop and plug the flow of running water, cementitious grouts, resins and liquids instantly. In situations where a rapid early strength gain is required. Instant waterproofing and damp proofing applications. Designed for use during cold weather, low temperature and freezing conditions.	16%	Good Mortar	Seconds	20	45	55	2.275Mg
Rockbond Quickbed Concrete (RB QBC)	Bedding in applications that require early strength such as crash barriers, posts, manholes, kerbs, coping stones, drains and precast concrete. For quick installation in areas where damage is caused by vandals.	10% water	Stiff Concrete	20 minutes	25	45	60	2.200Mg
Rockbond Waterstop Mortar (RB WSM)	To stop and plug the flow of running water or grout instantly. For the quick filling and sealing of cracks, cavities, joints, gaps and seals. Caulking applications, and for formwork and sealing shutters.	16% water	Good Mortar	Seconds	20	45	55	2.275Mg

4. Rockbond Underwater Materials, RB UWM

Product	Uses	Water/ Powder Ratio	CONSISTENCY at 20°C	POT LIFE at 20°C	COMPRESSIVE STRENGTH at 20°C, MPa, days			Tonnes (Mg) for 1m ³
					1	7	28	
Rockbond Underwater Putty (RB UWP)	To lay, point and repair bricks and blocks above and below water To fill and seal underwater voids and cavities in brick and concrete. To repair tanks, tunnels, culverts, sewers, channels and pipes.	24%	Good Mortar	15 minutes	8	15	25	1.825Mg
Rockbond Underwater Mortar (RB UWM)	The repair of precast concrete, tunnels, culverts, sewers and pipes. To point and repair bricks, blocks and masonry above or below the waterline. The protection of marine structures above and below the waterline.	18%	Good Mortar	20 minutes	15	35	50	1.800Mg
Rockbond Underwater Accelerated Mortar (RB UWAM)	The repair of concrete in tidal zones where time is limited. To stop and seal the flow of water or grout in brickwork or concrete. Caulking material for seals and joints, and for sealing shutters.	18%	Good Mortar	10 minutes	20	35	55	1.900Mg
Rockbond Underwater Grout (RB UWG) and Concrete (RB UWC)	General underwater void filling applications. Repair and consolidation of water retaining structures, dams, pillars and bridge columns, seawalls, harbours, quays and jetties. Waterlogged foundations, anchorages, pilings, conduits, pipes and sewers	18%	Mobile Grout	30 minutes	10	25	55	1.950Mg
		12%	Mobile Concrete	30 minutes	10 MPa at 2 hours	10	25	55

5. Rockbond Special Products, RB SP

Product	Uses	water/ powder Ratio	CONSISTENCY at 20°C	POT LIFE at 20°C	COMPRESSIVE STRENGTH at 20°C, MPa, days			Tonnes (Mg) for 1m ³
					1	7	28	
Rockbond Pumping Grout (RB PG)	To penetrate, fill and seal cracks in concrete, rock, brick, block and masonry. To penetrate and seal cracks and crevices in brick arches and soffit concrete. Vertical and soffit fixings into concrete, brickwork and masonry.	50%	Thixotropic grout	30 minutes	15	30	50	1.200Mg
Rockbond Ultraflow Grout (RB UFG)	To penetrate and seal fissures in rock, masonry, brick and concrete. Underpinning and stabilizing foundations, gravels, loose floor and road slabs. Post tensioned, prestressed concrete cables and ducts. To grout up open graded aggregates to produce void free, fully compacted, non shrink, high strength "in situ" concretes and flooring materials.	50%	Fluid grout	60 minutes	15	35	50	1.200Mg
Rockbond Pressure Pointing Mortar 40 (RB PPM 40)	Pressure and hand pointing of concrete, stone, masonry, bricks and blocks. For pumping, caulking, injecting, filling, sealing cavities, voids, gaps and joints. For use as a mortar to repair cement based materials, concrete and bricks.	18%	Wet mortar	30 minutes	10	25	40	1.850Mg
Rockbond High Density (2500) Grout (RB HD2500G)	Radiation shielding and absorption. Barrier to microwave, X-ray and other harmful radiation. Electronic shielding to computer rooms.	14%	Flowing grout	30 minutes	20	55	70	2.500Mg Density 2500kg/m ³
Rockbond Super Density (3200) Grout (RB SD3200G)	High density and high strength applications. Military installations. High security safe protection. Ballast for boats.	9%	Flowing grout	30 minutes	20	50	70	3.125Mg Density 3200kg/m ³

Underwater Repairs



Rockbond Underwater Putty TGW used as tile adhesive, and as a repair and pointing material for use in underwater applications in swimming pools without draining the water from the pool.

Southend Pier



Rockbond Underwater Admixture 2401 used to accelerate the concrete for the repair to steel piles at Southend Pier.

Sizewell Power Station



Rockbond Super Density 3600 Grout used for radiation shielding in nuclear storage vessels at Sizewell power station, Suffolk.

6. Rockbond Admixtures For Cement and Concrete, RB AFCC

Product	Uses	Dosage Rate % by weight of cement
Rockbond Admix 101 (RB A101)	Will produce quality mortars and renders from site batched materials. For use in mortars and renders that have low cement contents. To accelerate the set of green mortars and renders. To effect and enhance high build situations.	1%
Rockbond Admix 201 (RB A201)	To decrease the water content of cementitious mixes. To produce fluid, free flowing and self compacting cementitious materials. To produce quality grouts and concretes from site batched materials. To maximise the ultimate compressive, tensile and mechanical strength of concrete	0.5%
Rockbond Admix 221 (RB A221)	To produce homogeneous flowing, cementitious grouts, mortars and concretes. To effect positive expansion and reduce settlement in cementitious materials. To fill cables and ducts, holding down assemblies. To provide contact and load bearing surfaces between structural elements.	1%
Rockbond Admix 301 (RB A301)	To produce renders, mortars and concrete with high early strengths at 20°C. To accelerate the early strength of cementitious materials at low temperatures. For use in high build applications, and to minimise slumping and bleeding. To speed up application time and finishing during winter weather work.	5%
Rockbond Admix 402 (RB A402)	To produce accelerated grouts and concretes from site batched materials. To accelerate the early strength development of grouts and concretes at cold temperatures, or during winter weather work. For use in concrete for the quick installation of street furniture, crash barriers, manholes, kerbs, drains and slabs. For use in concrete to repair floors, car parks, pathways, loading bays, roadways, taxi ways, motorways and runways when time is very short.	10%
Rockbond Admix 1001 (RB A1001)	To produce shrinkage compensated grouts and concretes from site batched materials. To eliminate shrinkage and cracking in floor slabs, car parks, taxi-ways, runways, roadways and motorway carriageway concrete. To produce crack free, chemically resistant, durable grouts and concretes	5%
Rockbond Admix 1601 (RB A1601)	As an additive to produce high strength concrete for structural applications. To increase the wear resistance of concrete floors and structures. Marine concrete and structures, chemical and fertiliser plants, food factories, dairies and abattoirs.	7.5%
Rockbond Underwater Admix 2101 (RB UWA2101)	To produce underwater mortar and concrete from site batched materials. To produce cementitious materials that are washout resistant. For use in concrete for underwater void filling of seawalls, harbours, quays and jetties.	1%

7. Rockbond Polymer Latices and Packs, RB PLP

Product	Uses	Pack (kg)	Pack (litres)	Application Rate (m ² /litre)
Rockbond Primer Latex (RB PL)	To reduce or eliminate suction from cement based repair materials at the bondline. To consolidate and strengthen weak or friable cementitious or brick substrates. To enhance the bond strength between substrate and cementitious repair materials. To seal and bond floor screeds to concrete and other surfaces.	5.0 25.0	5.0 25.0	5m ² /litre for a two coat application
Rockbond Acrylic Latex (RB AL)	To prime concrete and brick to increase the bond strength of repair materials. High strength or increased tensile strength applications. For use in chemically aggressive environments, such as food factories, dairies, and fertiliser plants and stores.	5.0 25.0	5.0 25.0	10% by weight of cement
Rockbond SBR Latex (RB SBRL)	To waterproof site batched renders, mortars and concretes. For site batched flooring materials, and repair materials for floors. For use as an adhesive with cement or cement mortar.	5.0 25.0	5.0 25.0	5% by weight of cement
Rockbond Cure (RB C)	Conforms to ASTM C309, Type 1, liquid membrane forming compounds for curing cementitious materials. To reduce dusting, shrinkage cracks and crazing. To make shutters watertight and impermeable to the passage of water. To protect concrete against salt spray, de-icing salts, seawater, sulphates, dissolved chemicals and contaminated ground water.	5.0 25.0	5.0 25.0	10m ² /litre for a once coat application
Rockbond Masonry Coating (RB MC)	To protect concrete structures from the weather and weathering. To produce smooth, coloured and aesthetically pleasing finishes. To produce uniform, coloured finishes to areas of concrete containing concrete repairs.	7.5	5.0	5m ² /litre for a two coat application
Rockbond Anti-Carbonation Coating (RB ACC)	200 micron dry film of Rockbond Anti-carbonation Coating is equivalent to 745mm of good quality concrete. To prevent carbonation and sulphation in concrete and cementitious materials. To protect reinforced concrete against freeze-thaw cycles, de-icing salts, aqueous solutions, acid gases and corrosion.	7.5	5.0	2.5m ² /litre for a two coat application
Rockbond Flexible (APFC) Membrane (RB FM)	For use as a Anti-carbonation Protective, Flexible Coating to cement and concrete. Whenever stress, thermal or moisture movement is a problem in a concrete structure. Tanking, roofing, weatherproofing and waterproofing applications.	15.0	10.0	5m ² /litre for a two coat application
Rockbond Render Coat (RB RDC)	To render cement, concrete, brickwork, blockwork, masonry and stone. To repair and protect weak or damaged concrete or brick surfaces. To produce waterproof and durable coatings to external walls of offices, factories, warehouses and buildings.	20.0	12.5	5m ² /litre for a two coat application
Rockbond Fairing Coat (RB FC)	For re-facing brickwork, blockwork, masonry, concrete and cementitious renders. To fill and seal imperfections on building surfaces such as cracks, and crazing, honeycombing, pores, ruts and holes. To give an attractive and aesthetically pleasing finishes to walls, buildings and concrete structures	20.0	15.0	1m ² /litre for a one coat application

8. Rockbond Special Specific Products, RB SSP

Product	Uses	Water/ powder Ratio	CONSISTENCY at 20°C	POT LIFE at 20°C	COMPRESSIVE STRENGTH at 20°C, MPa, days			Tonnes (Mg) for 1m ³
					1	7	28	
					Rockbond Abrasion Resistant Mortar (RB ARM)	To repair and protect concrete structures and surfaces from mechanical attack. To protect concrete surfaces in heavy engineering and railway workshops and shipyards. To protect concrete from power wash, running water, floating debris, scour sand and stones. To produce non slip, non skid surfaces to steps, ramps, paths and roadways	14%	
Rockbond Lightweight (1800) Grout (RB LW1800G)	Whenever a low weight, high flow material is required. Repairs to lightweight cementitious materials, concrete, bricks, and blocks. For use as a large volume void filler. To form and manufacture low density, recast concrete products and lightweight artefacts. To fill areas that require a low heat material. As an insulating infill around pipes and ducts.	24%	Good Grout	60 Minutes	10	25	50	1.425Mg
Rockbond Abrasion Resistant Screed Steel Reinforced (RB ARS SR)	To repair and protect concrete structures and surfaces from mechanical attack. To protect concrete surfaces in heavy engineering and railway workshops and shipyards. For use in heavy and massive machinery assembly plants, factories and warehouses. On roads and areas where the traffic is steel wheeled or runs on caterpillars. To repair and protect concrete against loading buckets, shovels and grabs. Patch repairs to heavy duty floors	10%	Good Mortar	30 Minutes	25	50	100	2.500Mg
Rockbond Lightweight (1100) Screed (RB LW110S)	For installation of lightweight of lightweight floors and lightweight floor toppings . To fill large volume voids with lightweight material. For use as a free flowing, low density, low strength trench fill. For the casting and installation of lightweight concrete structures. To fill areas that require a low heat material. For use as an insulating infill around pipes and ducts. For lightweight mezzanine floors, cavity alls, roofs and spaces.	70%	Good Grout	30 Minutes	1	2	5	0.700Mg
Rockbond Underwater Putty Tile Grade White (RB UWP TGW)	For use as an underwater tile adhesive to bond tiles to masonry stone and concrete. To point and fill joints and gaps above and below the waterline. To fill and seal underwater voids, cracks and cavities in concrete, bricks and blocks. To repair damaged and broken tiles, and to replace missing tiles underwater. No need to drain the pool!	50%	Good Putty	20 Minutes	5	10	20	1.250Mg
Rockbond Super Density (6000) Grout (RB SD6000G)	Super density and super strength applications. Alpha, beta and neutron radiation shielding and absorption. Barrier to microwave, X-rays and other harmful radiation. Military installations, bomb proof shelters, missile protection, and protection from explosions. blasts, shrapnel, fire and heat. High security safe protection. Ballast for seabed equipment, machinery, pumps, pipelines and boats.	2%	Semi Flowing Grout	30 Minutes	20	55	80	5.950Mg
Rockbond Tanking Mix Render (RB TMR)	To cover and water proof brick, blocks, mortar, masonry, stone, render, cement and concrete. To waterproof brick and concrete foundations, underground structures, cavities, retaining wall, linings, cellars and tunnels. To Consolidate and seal cracks and voids in weak and porous bricks, masonry and concrete. For flowing applications, use Tanking Mix Grout (RB TMG)	18%	Good Mortar	30 Minutes	10	25	40	1.875Mg

Jersey Port



Rockbond Underwater Mortar use to protect concrete piers against scour attack at the Queen Elizabeth Ferry at Jersey Port, Channel Islands.

9. Rockbond Refractory Materials, RB RM

Information and prices available on request

10. Rockbond Resin Products, RB RP

Product	Uses	CONSISTENCY	POT LIFE at 20°C	STRENGTH 7 days, 20°C		Yield, Spread Rate
				Compressive	Direct Tensile	
Rockbond Epoxy Steel Primer (RB ESP)	To protect steel from corrosion in chemically aggressive environments. For durable reinforced concrete in chemical works, tunnels and sewers. To protect steel against de-icing salts and seawater in marine locations.	Flowing	30 Minutes	50 MPa		0.833 litres/kg 10m ² /litre
Rockbond Zinc Rich Steel Primer (RB ZRSP)	To protect steel against moisture, oxygen, chlorides and acid gas attack. To protect steel from corrosion in chemically aggressive environments. For steel reinforced concrete in dairies, chemical works, tunnels, and sewers. To protect steel structures, beams, tanks, plates, and pipes from chemical attack.	Flowing	1 Hour			0.667 litres/kg 10m ² /litre
Rockbond Epoxy Bonding Agent (RB EBA)	To bond wet or cured concrete to steel and other construction materials. To bond precast concrete, stone, bricks, blocks and wood to concrete and steel. To waterproof, seal and bond floor screeds to concrete and other surfaces. For use as a general purpose adhesive during building and construction.	Flowing	30 Minutes	50 MPa	25 MPa	0.892 litres/kg 4m ² /litre on concrete. 5m ² /litre on steel
Rockbond Crack Injection T Grout (RB CITG)	To penetrate, fill and seal cracks in concrete, rock, bricks, blocks and masonry. As an adhesive to fill and seal gaps and joints between precast concrete. To fill, seal and protect cracked concrete and porous cementitious surfaces.	Thixotropic Paste	6 Hours	65 MPa	35 MPa	0.870 litres/kg
Rockbond Anchor T Resin Grout (RB ATRG)	Soffit fixings in cement, concrete, brick, mortar, masonry, rock and stone. Installation of reinforcing starter bars, bolts and rods. Anchor systems for cables, bolts, plates and retaining walls. Fixings for scaffolding, crash barriers, safety rails and fences.	Thixotropic Paste	20 Minutes	50 MPa		0.909 litres/kg
Rockbond Epoxy Lightweight Mortar (RB ELWM)	For one off high build placement: 50mm on soffit, 75mm on vertical surfaces. Structural repairs to vertical and soffit concrete. Whenever a light weight, impermeable material is required. To patch repair and fill cracks, voids, holes and gaps in concrete and steel.	Stiff Mortar	30 minutes	50 MPa	25 MPa	0.870 litres/kg
Rockbond Epoxy (LM) Mortar (RB ELMM)	For use in situations where a strong bonding, flexible material is required. To fill cracks, voids, holes and gaps in concrete and steel exposed to movement due to moisture, heat, stress or vibration. As a joint filler in concrete floors, slabs, precast concrete and steel.	Good Mortar	30 minutes	15 MPa	16 MPa	0.526 litres/kg
Rockbond Epoxy Mortar (RB EM)	For high strength patch repairs to voids, holes, gaps in concrete and steel. For structural and bedding in applications, thin sections and feather edges. Heavy duty floor screed to repair and resist mechanical and chemical attack. For general purpose, non flow, high strength, epoxy resin mortar applications.	Stiff Mortar	20 minutes	70 MPa	15 MPa	0.526 litres/kg
Rockbond Epoxy Grout (RB EG)	The repair and protection of reinforced concrete structures. Under heavy machine baseplates, structural baseplates and crane rail tracks. Holding down assemblies, anchor bolts, starter bars and fixings. For general purpose, flowing, high strength, epoxy resin grout applications.	Free Flowing Grout	60 minutes	75 MPa	18 MPa	0.606 litres/kg
Rockbond Resin Top Primer (RB RTP)	To fill, seal and protect cracked concrete and porous cementitious surfaces. To install wearing surfaces to weak and friable concrete roads, paths and floors. To bond precast concrete, stone, bricks, blocks and wood to concrete and steel. To protect waterproof brick and concrete surfaces against frost, aqueous solutions and chemical attack.	Flowing	30 minutes			1 litre/kg 2.250m ² /litre
Rockbond Resin Top Coating (RB RTC)	For tanking, roofing, waterproofing and drinking water applications. For use in engineering workshops, railway yards, ship yards, aircraft hangers, factories and garages. To protect concrete in chemically aggressive environments such as chemical works, abattoirs, dairies, breweries, sewers and farms.	Semi Flowing	30 minutes			2.000m ² /litre
Rockbond Epoxy Floor Screed (RB EFS)	To fill, seal, strengthen repair, protect cracked concrete and porous cementitious surfaces. For use in engineering workshops, railway yards, aircraft hangers, factories and garages. To protect concrete in chemically aggressive environments such as marine defences, food processing factories, chemical works, abattoirs, dairies, breweries, sewers and farms.	Semi Flowing Screed	30 minutes	50 MPa	15 MPa	0.526 litres/kg 5 litres/m ²
Rockbond Tanking System Primer and Coating (RB TSP) (RB TSC)	Tanking, roofing, waterproofing and weatherproofing applications. To protect concrete in chemically aggressive environments such as marine defences, food processing factories, chemical works, abattoirs, dairies, breweries, sewers and farms. Non hazardous: formulated to BS 6920 for use in potable water environments.	Primer: Flowing Coating: Semi Flowing	30 Minutes 30 minutes			Primer: 2.250m ² /litre Coating: 2.000m ² /litre
Rockbond Epoxy Timber Mortar (RB ETM)	To replace and repair damaged cracked or rotten timber. To fill cracks, voids, holes, gaps and joints in wood and timber structures. Patch repairs to wooden surfaces, walls, furniture and floors. To restore structural integrity of wooden frames, beams, joists, pillars and posts.	Good Mortar	60 Minutes	4.5 MPa	11 MPa	1.250 litres/kg
Rockbond Epoxy Timber Grout (RB ETG)	For flowing repairs to seal and protect old and new wood. For a flowing fill for voids, holes, gaps and joints in wood and timber structures. To restore structural integrity of wooden frames, beams, joists, pillars and posts. To produce attractive and aesthetically pleasing finishes to floors and wooden surfaces.	Flowing Grout	45 Minutes	50 MPa	17 MPa	1.11 litres/kg

11. Rockbond Sands and Aggregates, RB SA

Information and prices available on request

12. Rockbond Miscellaneous Products, RB MP

Product	Uses	Dosage Rate % by weight of cement
Rockbond Polypropylene Fibre 6mm (RB PPF6)	For use in mortars, renders and plasters to aid placing, working and finishing. To reduce plastic settlement and shrinkage in mass concrete and concrete floors. To increase the flexural and tensile strength of site batched and precast mortars and concrete. To eliminate cracking and crazing in cementitious screeds, thin toppings and coatings.	0.2%
Rockbond Stainless Steel Fibre 12mm (RB SSF12)	For use in mortars, renders and plasters to aid placing, working and finishing. For use in concrete placed in heavy engineering and railway workshops and shipyards. In areas where traffic is steel wheeled or moved on caterpillars. To repair and protect concrete against loading buckets, shovels and grabs. A substitute for steel reinforcing cages, mesh and rods in the fabrication of reinforced concrete. To produce high strength, fracture resistant, precast concrete products such as manhole rings and covers, frames, posts, kerbs, tiles and slabs.	10%
Rockbond Concrete Pigments (RB CPS)	To colour and enhance the appearance of cement, mortar, render and concrete. To pigment cementitious repair materials to colour match adjacent areas of concrete. In situations where pigmented mortars and renders improve the appearance of brick mortars and concrete structures. To colour precast concrete products, castings, statues, ornaments and artifacts.	2.5% to 5%

Brixham Harbour



Rockbond Repair Concrete used to repair reinforced concrete columns and beams in the tidal zone at Brixham Harbour, Devon.

British Antarctic Survey



Rockbond Fastrock Super Accelerated Concrete (RB FRSSAC) placed by the British Antarctic Survey to repair concrete at the tidal zone, South Georgia, Antarctica, at ambient temperatures of 5°C and below.

Wembley Stadium



Rockbond products used at the Wembley Stadium, London

Heathrow Airport



Rockbond Admix 201 and Admix 402 used to accelerated high strength microsilica concrete on the taxi ways and hard standing areas at Heathrow Airport.



Rockbond SCP LTD

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Consultants of Special Concrete
Products

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