CORMIX®

PRODUCT GUIDE

THE CONSTRUCTION CHEMICALS SPECIALIST

A Leader in The Construction Chemicals Industry

Cormix International is an independent British Company manufacturing a broad range of construction chemicals including concrete repair mortars, grouts and anchoring systems, structural strengthening products, underground construction specialities, waterproofing & concrete protection systems, elastomeric concrete, admixtures for concrete and shotcrete, slab lifting and soil consolidation foams & resin.

Cormix products are made available worldwide through a network of distributors.

The wide innovative product range available from Cormix allows it to differentiate itself from many of its competitors, this coupled with its dedication to the pursuit of excellence, R&D and excellent quality positions Cormix well in the field of Construction Chemicals. The systems available from Cormix encompass the following:-

- Waterproofing, Concrete Protection and Joint Sealants
- Concrete Repair, Crack Injection and Structural Strengthening of Concrete
- Grouting and Anchoring
- Concrete and Shotcrete Admixtures
- Tunneling Specialities - Injection Resins, Soil Stabilization and Anchoring
- TBM Products - Soil Conditioning foams & Polymers, Cavity Grout Additives, Tail Sealant, Packing & Hydrophilic Strips
- Elastomeric Concrete for Jointing and Fast Repair
- Concrete Accessories
- Slab Lifting and Soil Consolidation

VISION / MISSION

Providing high quality solutions, flexible and responsive.

As a result of its independence Cormix is highly flexible & responds rapidly to the changing demands of the constuction industry.

A leader in construction chemicals Cormix provides high quality solutions supported by sound technical service.

The success of Cormix products is demonstrated by the large number of prestigious projects in which they have been used. These cover public and private sector projects including airports, railway systems, subways, dams, power plants, potable and waste water plants, tunnels, ports, highways, industrial structures and numerous buildings.

R & D

Cormix leads the way by investing heavily in people and product research and development with a focus on introducing high performance, technically differentiated products & services.

Cormix is constantly improving its products & by working closely with its customers providing the necessary solution to todays demands.

The Cormix laboratories are available to its partners to provide analysis, advise and to develop tailor made materials.

QUALITY ASSURANCE

Cormix International Limited maintains the ISO 9001 quality system which verifies that its quality systems meets the requirements of International quality management standards.

Such quality assurance offers various benefits to the customer including consistently high product quality, service and innovative developments responding to actual customer needs.

WATERPROOFING & PROTECTION

CEMENTITIOUS WATERPROOFING

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONPLUG Ready to use powder, fast setting permanent water plug.	Stops pressure leaks in concrete and rock.	See data sheet.
	CONTITE FCW A highly flexible cementitious polymer modified 2 part liquid applied waterproof membrane.	For waterproofing of basements, wet areas, pools etc. where a flexible cementitous material is required.	Approx. 1.5 kg/m²/coat@1 mm DFT
	CONTITE FCWMCI A highly flexible cementitious polymer modified 2 part liquid applied waterproof membrane. Containing a migrating corrosion inhibitor. Also available in one part systems.	For waterproofing applications such as sealing swimming pools, balconies, bathrooms, wet areas, basements, reservoirs, tunnels, cooling towers.	Approx. 1.5 kg/m²/coat@1 mm DFT
	CONTITE FLEX A 2 part polymer modified flexible cementitious waterproofing membrane for the protection of concrete & mortar.	Suitable for many waterproofing applications including for wet areas, pools, basements, balconies, reservoirs, tunnels etc.	Approx. 1.6 kg /m²/coat@1 mm DFT
	CONTITE WS2 A semi flexible two part polymer modified cementitious waterproofing membrane for concrete & mortar surfaces.	Suitable for many waterproofing applications e.g. wet areas, basements, swimming pools balconies where topping or tiles to be applied.	Approx.1.8 kg/m²/2coats@1mm DFT
	CONTITE WS3 Economical, ready for use one part powder, polymer modified waterproofing slurry and moisture seal.	Waterproofing slurry for reservoirs basements, pools, water tanks, plants etc.	Approx. 2.0 kg/m²/ 2coats@1mm DFT

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WATERPROOFING & PROTECTION

WATERPROOFING BY CRYSTALLIZATION

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE A unique chemical treatment for permanent concrete corrosion protection and waterproofing by crystallization in liquid form. Penetrates the concrete to form a subsurface waterproof membrane.	Waterproofing & sealing of roof decks, bridge decks, concrete storage tanks, car parks, podiums etc.	*5 m²/litre/coat depending on porosity and absorption of substrate.
	CONTITE HHH A unique triple action water based spray applied waterproofer using water repellent and crystallization technology. Prolongs the life span of all concrete structures.	Waterproofing & sealing of roof decks, bridge decks, concrete storage tanks, car parks, podiums, airport runways, highways etc.	*5 m²/litre/coat depending on porosity and absorption of substrate.
	CONTITE SEAL AC A unique surface applied crystalline permanent waterproofing slurry that penetrates the concrete to form a subsurface waterproof membrane requiring no curing. Anti freeze version also available for below freezing applications.	Corrosion protection and waterproofing of concrete tunnels, reservoirs, water tanks, waste water tanks, manholes, pipes and basements etc. No curing required.	0.8-1.0 kg/m²/coat.
	CONTITE SEAL MORTAR A crystalline cementitious ready to use waterproof mortar for repairing & sealing concrete.	Uses include filling of reglets at joints & coves, filling of tie holes, patching construction joints, filling of routed out cracks and repairing of spalled & honeycombed sections of concrete.	U-shaped cracks 25x25 mm ; Approx. 1.3-1.5 kg/LM. Reglets 25x25 mm ; Approx. 1.3-1.5 kg/LM. Patches ; Approx. 2.25 kg/mm/m²
	CORMIX H_2O STOP A concrete admixture for permanent waterproofing & concrete corrosion protection by crystallisation. In both liquid & powder form.	For all types of waterproofing & concrete corrosion protection. Basements, water tanks, roofs, reservoirs, waste water plants, marine structures etc.	0.8 - 1 litre per 100 kg of total cementitious material. (Liquid) 0.8 - 1 kg per 100 kg of total cementitious material. (Powder)

** Coverage : - Depends upon porosity, texture & surface finish.*

WATERPROOFING & PROTECTION

ELASTOMERIC COATINGS / MEMBRANES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	ELASTOCLAD A single component water based high solids 100% acrylic liquid applied UV resistant elastomeric waterproofing membrane & anti carbonation coating.	Waterproofing membrane for facades, roofs, walls, gutters, bathrooms, balconies etc.	Approx.2.8 m^2/litre/coat. @150 microns DFT.
	ELASTOCLAD PU A fully bonded high solids polyurethane liquid applied waterproofing membrane. Full permanent immersion.	For waterproofing all types of substrates. Use in tunnels, underground structures, wet areas exposed roofs, roof gardens, basements, balconies, water tanks, pools etc.	*2 coats at 1.40 ltr/m^2 DFT. 800 micron.
	ELASTOCLAD PU(N) A fully bonded high performance modified polyurethane liquid applied waterproofing membrane.	For waterproofing all types of substrates. Use in tunnels, underground structures, wet areas exposed roofs, roof gardens, basements, balconies, water tanks, pools etc.	*2 coats at 1.40 ltr/m^2 DFT. 800 micron.
	ELASTOCLAD HR A single component water based high solids 100% acrylic liquid applied UV resistant & heat reflective elastomeric waterproofing membrane.	Use for heat insulation and waterproofing of roofs, walls, steel structures etc. where both waterproofing and heat reduction is required.	0.51 litre/m^2@300 microns DFT 0.85 litre/m^2@500 microns DFT
	ELASTODECK S A single component acrylic water based anti carbonation protective coating.	To protect reinforced concrete structures from attack by salts, sulphates, atmospheric gases and other water based contaminants.	3 m^2/litre/coat @150 microns DFT.
	CONTITE POLYUREA A 2 component 100% solids polyurea waterproofing system suitable for exposed environments. Polyaspartic also available.	For the waterproofing of almost all substrates and is used in airport facilities, power plants, marine environments, heavy industry, buildings, parking decks, potable water storage, waste water treatment plants & food processing plants.	Approx.1.05 - 1.10 kg/m^2/mm. Depends on surface of substrate.

** Coverage : - Depends upon porosity, texture & surface finish.*

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WATERPROOFING & PROTECTION

WATER REPELLENTS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE 40 A clear siloxane based water repellant which penetrates into the substrate.	For concrete bridges and coastal structures, parking decks, and reinforced concrete exposed to chloride & water intrusion.	*0.20 litre/m^2/coat.
	CONTITE WATERSHIELD A water based clear water repellant sealer for tiles & masonry concrete.	For waterproofing tiles & tile grout in shower cubicles, balconies & verandahs etc. Use on ceramic, marble, slate and terracotta facades.	*0.15-0.20 litre/m^2/coat.

HYDROPHILIC (SWELLING) WATERSTOPS

	CONTITE WATERSTOP A flexible swelling waterstop for concrete construction joints. Replaces conventional waterstops.	For sealing/waterproofing construction joints penetrations through concrete such as king posts & pipes below grade. Areas of application include tunnels, basements, culvents, underground structures, pools, reservoirs, canals etc.	See data sheet.
	CONTITE WATERSTOP S A flexible swelling waterstop designed to swell in salt water conditions as well as normal water. Replaces conventional waterstops in construction joints.	For sealing / waterproofing construction joints, penetrations through concrete, such as king posts and pipes below grade in salt water conditions. Areas of application include tunnels, basements, culverts, underground structures, pools, reservoirs, canals etc.	See data sheet.

** Coverage : - Depends upon porosity, texture & surface finish.*

WATERPROOFING & PROTECTION

HYDROPHILIC (SWELLING) WATERSTOPS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE WATERSTOP CJ A hydrophilic (swelling) rubber sealing waterstop strip used to seal site formed construction joints and precast concrete segments.	For sealing constuction joints in tunnels, station boxes, underground water retaining structures, basements, other construction joints and precast segments etc.	See data sheet.
	CONTITE WATERSTOP ADHESIVE A non-flammable, waterbased adhesive especially formulated to work with **Contite Waterstop** concrete construction joint waterstops.	Used to secure **Contite Waterstop** to concrete, metal, wood, and PVC surfaces on both vertical and horizontal applications, as well as around through wall mechanical and plumbing penetrations.	See data sheet.
	CONTITE WATERSTOP DELAY COATING A water based protective delay coating used to stop the premature swelling of **Contite Waterstop** in wet conditions.	Used to delay swelling of **Contite Waterstop** for several days in wet conditions.	See data sheet.

INJECTION SYSTEMS

CONCRETE INJECTION, EPOXY, P.U. FOAMS, RESINS & GELS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONDUR SC Pure synthetic resin with low viscosity for sealing cracks, cavities with a maximum width of approx. 5 mm.	For concrete crack repair to bridges, beams, columns, precast elements, floors etc.	See data sheet.

INJECTION SYSTEMS

CONCRETE INJECTION, EPOXY, P.U. FOAMS, RESINS & GELS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE PUE100/E101 A one component environmentally friendly hydrophobic polyurethane injection grout, an effective means of stopping water seepage. The system only reacts when it comes into contact with water producing a relatively stiff polyurethane foam.	Used to stop water penetration or react away water in cracks, voids or soil. Areas of use include basements, tunnels all underground structures.	See data sheet.
	CONTITE PUE200/E201 A two component environmentally friendly polyurethane system. For flexible sealing of cracks in concrete structures as well as areas suffering from water leakage.	Can be used directly into dry & moist cracks, if water leakage stop first using **Contite PUE 100/E101.**	See data sheet.
	CONTITE PUE300/301 A two component environmentally friendly polyurethane system. This system is ideal for the structural sealing of cracks in concrete structures as well as areas suffering from water leakage.	Can be used directly into dry & moist cracks, if water leakage stop first using **Contite PUE 100/E101.**	See data sheet.
	CONTITE PUE400/E401 A 2 component hydrophobic polyurethane 2 in 1 injection resin system.	Used to stop water leakage as well as to form a solid resin, one shot permanent sealing of cracks.	See data sheet.
	CONTITE PUE500/501 A phthalate free fast reacting 2 component rigid polyurethane foam.	Use to increase the load bearing capacity of loose soils. For soil & rock consolidation, filling of large voids, cracks and crevices in wet & dry consolidations.	See data sheet.

INJECTION SYSTEMS

CONCRETE INJECTION, EPOXY, P.U. FOAMS, RESINS & GELS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE G600 A hydrogel injection grout. Used to stop heavy water leakage. Reacts with water over a range of ratios to form elastic foams, rubbery gasket or elastomeric waterproof gel. Mix with water from 1:1 - 1:15	Typical areas of use include shutting off heavy water leakage, forming a waterproof membrane applied from the negative side of walls or tunnel linings, ground stabilization & prevention of leakage in expansion joints.	See data sheet.

SOIL INJECTION & SLAB LIFTING

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE SLAB LIFT 2 component, environment friendly, Phthalate free, Rigid Structural.	Two component, environmental friendly, phthalates free, non toxic, rigid structural polyurethane foam for concrete slab lifting and soil stabilization.	See data sheet.
	CONTITE PUE500/501 A phthalate free fast reacting 2 component rigid polyurethane foam.	Use to increase the load bearing capacity of loose soils. For soil & rock consolidation, filling of large voids, cracks and crevices in wet & dry consolidations.	See data sheet.
	CONTITE PUE700/701 Two part fast setting rigid polyurethane foam for soil & rock consolidation and below grade water stoppage.	Used for soil and rock consolidation, filling of large voids, cracks and crevices, pre injection for waterproofing and consolidation in front of TBM and drill and blast, filling of fissures, gravel layers, in wet and dry conditions.	See data sheet.
	CONTITE G600 A hydrogel injection grout. Used to stop heavy water leakage. Reacts with water over a range of ratios to form elastic foams, rubbery gasket or elastomeric waterproof gel. Mix with water from 1:1 - 1:15	Typical areas of use include shutting off heavy water leakage, forming a waterproof membrane applied from the negative side of walls or tunnel linings, ground stabilization & prevention of leakage in expansion joints.	See data sheet.

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INJECTION SYSTEMS

SOIL INJECTION & SLAB LIFTING

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE G600M A modified hydrogel injection grout. Used to stop heavy water leakage. Reacts with water over a range of ratios to form elastic foams, rubbery gasket or elastomeric waterproof gel. Mix with water from 1:1 - 1:5	Typical areas of use include shutting off heavy water leakage, forming a waterproof membrane applied from the negative side of walls or tunnel linings, ground stabilization & prevention of leakage in expansion joints.	See data sheet.
	CONTITE G900 A 2 component hydrogel injection grout with mix ratio of 1:1 to be used as a water stoppage system producing an elastomeric waterproof gel.	Typical areas of use include shutting of water seepage, forming a waterproof membrane on the positive side of basement or tunnel walls, soil stabilization prevention of water leaks through joints.	See data sheet.
	CONTITE SOIL STAB A hydrophilic injection grout for soil and rock consolidation.	Use in consolidation of loose sandy soils, sealing of fractures & cracks in hard rock, curtain grouting and preinjection grouting.	See data sheet.

GROUTING

CEMENTITIOUS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONGROUT FR A precision non shrink cementitious grout with corrosion & fire resistance properties.	Used under machine base plates, bridge bearings and all areas repairing precision grouting with corrosion & fire resistance.	76 x 25 kg bags & 285 litres of water for approx. 1 m^3 of mortar.
	CONGROUT GP Economical non shrink, premixed cementitious grout for non critical applications.	Economical grout for minor concrete repairs and patching, grouting, filling core holes and defects in concrete.	74-76 x 25 kg bags for approx. 1 m^3 of grout depending on water content.

GROUTING

CEMENTITIOUS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONGROUT 1000 Non shrink, pre-mixed, cementitious, fine precision grout for gaps down to 5 mm.	For narrow gaps under machine base plates, columns, crane rails, bridge bearings etc.	74-78 x 25 kg bags for approx. 1 m^3 of grout depending on water content.
	CONGROUT 4000 High early strength, non shrink cementitious precision grout.	For use where high early strength grouting required. 30-40 N/mm^2 in 8 hours.	74-75 x 25 kg for approx 1 m^3 of grout.
	CONGROUT RES Very rapid early strength, non shrink cementitious precision grout.	For use where early loading is required, 25 N/mm^2 at approx. 2 hours. 40-50 N/mm^2 at 6-8 hours.	74-75 x 25 kg bags + 294 L of water for approx. 1 m^3 of grout for fluid consistency. 72-74 x 25 kg bags + 243.6 L of water for approx. 1 m^3 of grout for pourable consistency.
	CONGROUT PADDING MORTAR Ready to use cementitious padding mortar for use before grouting.	Bedding & levelling machine bases before grouting.	See data sheet.
	CONGROUT UWG A non shrink cement based grout for underwater applications.	Designed for use in underwater or tidal zones such as bridge & quay columns, concrete piling, slipways, dams & other underwater structures.	Approx 69-70 bag x 25 kg for for approx 1 m^3grout depending on water content.
	CONGROUT A A ready to use cement grout admixture.	Expanding grout admixture for specialist grouting of cable ducts, tunnel linings etc.	1-2% by weight of cement.

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GROUTING

CEMENTITIOUS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONGROUT AF A ready to use high strength premixed, flowing, non shrink cable grout. Expansion/no shrinkage ensures good interfacial contact is maintained.	Use for the grouting of prestressed cable ducts, bearing plates, tunnel linings, rock & soil anchoring etc.	Approx 74-75 bag x 20 kg for for approx 1 m^3grout depending on water content.
	CONGROUT ADMIX Powder admixture for use in cementitious grouts. Provides flow, no bleeding and no shrinkage.	For producing non shrink grout on site.	0.5-2% by weight of cement.
	CONGROUT WT A cement based shrinkage compensated ultra high strength grout produced using latest nano molecular, polymer and fibre technology. When mixed with water it produces a homogeneous high flow, high strength grout.	Use for the grouting of wind turbine baseplates and anchors using pre stressing techniques which may be pumped or poured into place.	2,400 kg/m^3

EPOXY

	CONDUR EG A flowable, 3 component pourable epoxy grout.	For grouting bridge bearings, machine bases, fixing bolts & anchors, crane rail tracks, cavities in concrete etc.	Approx. 2100 kg/m^3
	CONDUR EGLP2 A 2 component, solvent free, highly flowable, low exotherm epoxy grout with long potlife, no shrinkage & high strength, suitable for use in heavy engineering grouting applications & difficult conditions.	Suitable for grouting bridge bearing plates, machine bases such as pumps, generators, motors, turbines, compressors, fixing bolts and anchors, crane rail tracks & cavities in concrete etc.	Approx. 2000 kg/m^3
	CONDUR UEG Underwater epoxy grout.	Designed for use in underwater or tidal zones in areas such as bridge & quay columns, concrete piling, slipways, dams & other underwater structures.	Approx. 2100 kg/m^3

CONCRETE REPAIR & PROTECTION

CEMENT BASED

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONPATCH 300 Cosmetic repair mortar for minor surface defects on concrete & mortar.	For surface blemish repairs such as blow holes or bug outs.	Approx 1 litre/m²/mm thickness.
	CONPATCH 600 A fine high strength, one part, polymer modified, fibre reinforced repair mortar.	For concrete repairs where fine structural repair material is required.	Approx. 2 kg/m²/mm thickness.
	CONPATCH 600TP A ready to use, economical, one component polymer modified repair mortar.	For repairing concrete surfaces including small honeycombs, surface defects, blowholes and minor damage.	Approx. 2 kg/m²/mm thickness.
	CONPATCH 600HS One part polymer modified very high strength structural repair mortar.	For concrete repairs where a fine very high strength structural repair material is required.	2.20-2.30 kg/m²/mm.
	CONPATCH 600MCI One part polymer modified fine concrete repair mortar incorporating a corrosion inhibitor.	For concrete repairs where fine structural repair material is required with incorporation of corrosion inhibitor.	Approx. 2 kg/m²/mm thickness.
	CONPATCH 635 One part, polymer modified, medium weight repair mortar.	For medium build repair work up to 40 mm overhead.	Approx 1.6 kg/m²/mm thickness.

CORMIX®

CONCRETE REPAIR & PROTECTION

CEMENT BASED

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONPATCH 675 A one part light weight, polymer modified, fibre reinforced, high build, non slumping repair mortar.	For overhead non structural repair work. One layer up to 80 mm+.	Approx. 1.4 kg/m²/mm thickness.
	CONPATCH MC High strength, shrinkage compensated free flowing microconcrete.	Use in large volume concrete repair sections both vertical & horizontal. Void filling, pile cap & difficult access repairs.	Approx.76-77 x 25 kg bags will yield 1 m³ of grout depending on water content.
	CONPATCH GC A premixed, prebagged one component cementitious shot-crete for concrete repair.	Use in large repairs of concrete structures such as bridges, jettys, wharves, fly overs, building facades, columns & soffits.	Approx. 2.1 kg/m² /mm thickness.
	CONPATCH MARINE A structural repair / reprofiling mortar for use in marine and tidal areas subjected to early immersion.	Use to achieve rapid repairs in areas subject to early water im-mersion or traffic. Ideal for repairing marine structures.	Approx 75 x 25 kg bags/m³ using 10% water.
	CONGROUT FR A precision non shrink cemen-titious grout with corrosion & fire resistance properties.	Used under machine base plates, bridge bearings and all areas repairing precision grouting with corrosion & fire resistance.	76 x 25 kg bags & 285 litres of water for approx. 1 m³ of mortar.
	CONGROUT UWG A non shrink cement based grout for underwater applications.	Designed for use in underwater or tidal zones such as bridge & quay columns, concrete piling, slipways, dams & other under-water structures.	Approx 69-70 bag x 25 kg for for approx 1 m³ grout depending on water content.

CONCRETE REPAIR & PROTECTION

EPOXY BASED

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONDUR EA1 A 2 component solvent free epoxy adhesive and concrete repair material. Pourable & paste grade.	Bonding, patching, setting of starter bars and dowels, repair adhesive.	See data sheet.
	CONDUR EA1/SB A 2 component solvent free epoxy adhesive for segmental construction. Pourable & paste grade available.	Adhesive for bonding segmental bridges & precast elements.	See data sheet.
	CONDUR 41 A 2 component solvent free fine trowelable epoxy mortar for repairing concrete.	Use to repair both insitu & precast concrete. Providing a smooth finish.	Approx. 2 kg/m²/mm.
	CONDUR EM A solvent free 3 component trowelable epoxy mortar for repairs, bonding and patching.	Bedding, filling or repair mortar for industrial floors, joint arises on bridge decks, concrete runways, precast units etc.	Approx.1.65 kg/m²/mm thickness
	CONDUR EF High build, light weight fine epoxy mortar with no slump properties.	For repair to both old & new concrete on vertical & overhead surfaces.	Approx. 1.49 kg/m² at 1 mm. thickness.
	CONDUR FC Two component epoxy fairing coat.	Designed for application to minor imperfections from feather edge to 3 mm.	Approx. 1.75 kg/m²/mm.

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CONCRETE REPAIR & PROTECTION

BONDING BRIDGE

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONDUR EA1 A 2 component solvent free epoxy adhesive and concrete repair material. Pourable & paste grade.	Bonding, patching, setting of starter bars and dowels, repair adhesive.	See data sheet.
	CONDUR EA1/SB A 2 component solvent free epoxy adhesive for segmental construction. Pourable & paste grade available.	Adhesive for bonding segmental bridges & precast elements.	See data sheet.
	CONDUR EA2 A 2 component solvent free epoxy adhesive for bonding fresh concrete to old, hardened concrete mortar or steel.	For bonding fresh cementitious materials to old.	4-5 m² per 1.46 kg depending on porosity of surface of substrate.
	CONDUR FEA Two component multipurpose flexible epoxy adhesive and joint sealant.	Designed for application to minor imperfections from feather edge to 3 mm. and for joint filling.	Approx. 1.04 kg/m²/mm.

ANCHORING

	CONDUR ANCHOR A 2 component moisture insensitive general purpose epoxy adhesive in dual component cartridges for ease of application.	Uses include setting starter bars, dowels, holding down bolts & anchoring in general.	See data sheet.

CONCRETE REPAIR & PROTECTION

STEEL CORROSION PROTECTION & CORROSION INHIBITORS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONPATCH NCI Surface applied migrating corrosion inhibitor.	Used in concrete in all areas where the reinforcement is at risk of corrosion.	Approximately 3.5 - 4 m^2 /Ltr/Coat
	CORMIX CI Corrosion inhibiting concrete and mortar admixture.	Used in concrete in all areas where the reinforcement is in risk of corrosion.	0.6-4 litre / cubic metre depending on severity of corrosive environment.
	CONGARD ZINC A 2 component zinc epoxy primer for coating rebar and steel.	For coating rebar in concrete repairs or where steel is exposed to the elements.	*11.8 m^2/litre at 50 microns DFT.
	CONGARD ST High build, surface tolerant epoxy coating for rebar & steel.	For rebar and steel protection.	*6.5 m^2/litre at 125 microns DFT.

ELASTOMERIC CONCRETE

	CONDUR ARP A flexible polyurethane based elastomeric concrete with excellent bond to steel & concrete, high load bearing capacity, impact, vibration, chemical, oil resistant. Trafficable within one hour of application.	Suitable for repairs to airport runways, highways, bridges, expansion joints and for installation of new expansion joints.	1800 kg/m^3

** Coverage : - Depends upon porosity, texture & surface finish.*

CORMIX®

CONCRETE REPAIR & PROTECTION

STRUCTURAL STRENGTHENING OF CONCRETE

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONDUR CF PLATE A carbon fibre reinforced polymer laminate used for strengthening structures.	Typical uses include strengthening of structures where there are load increases anticipated, structural repairs, modification of the standard system or modifying errors in planning or construction.	See data sheet.
	CONDUR CF ADHESIVE A two component solvent free, 100% Solids, moisture insensitive structural thixotropic epoxy adhesive.	An adhesive for the bonding of **Condur CF** structural reinforcement plates.	Approximately 1.5 kg/m^2 @ 1 mm thickness.
	CONDUR CF FABRIC A unidirectional woven carbon fibre fabric for structural strengthening.	Typical uses include strengthening of structures where there are load increases anticipated, structural repairs, modification of the standard system or modifying errors in planning or construction.	See data sheet.
	CONDUR CF (HP) FABRIC A unidirectional woven high performance **Carbon Fibre Fabric** for structural strengthening.	Typical uses include strengthening of structures where there are load increases anticipated, structural repairs, modification of the standard system or modifying errors in planning or construction.	See data sheet.
	CONDUR CF (HP) IMPREGNATION A two part solvent free, 100% solids, epoxy impregnation system.	Used in conjunction with **Condur CF Fabric** or **Condur CF (HP) Fabric** reinforcement system.	Approximately 0.65 kg/m^2 for 1st layer. Approximately 0.25 kg/m^2 for 2nd layer.

JOINT SEALANTS & FILLERS

JOINT SEALANTS, FILLERS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONFLEX BS A hot poured sealant comprising of synthetic rubber, bitumen, resins and chemical additives. The material is to be used in horizontal joints.	Conflex BS is heated into a liquid which will create an effective bond to the concrete preventing the passage of water through the joint. It is used in horizontal applications for concrete roads, bridges, dams, airport aprons, runways, etc.	See data sheet.
	CONFLEX PS A two part polysulphide sealant which cures to form a resilient elastic seal. Exhibits excellent adhesion to most surfaces.	Typical applications include movement joints in buildings and civil engineering structures, including floors in factories, hardstands, basements, subways, reservoirs civil engineering structures and industrial complexes.	See data sheet.
	CONFLEX BACKER ROD Closed cell polyethylene backer rod for joints.	Supporting joint sealant in expansion joints.	See data sheet.
	CONFLEX CELL Closed cell polyethylene joint filler replaces fibre & corkboards. Waterproof, rot proof, does not damage sealant.	As joint filler & sealant back up material.	See data sheet.

CONCRETE ACCESSORIES

CURING COMPOUND & MOULD OILS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONSTRIP 2 Water based mould oil.	Economical mould oil for fair face concrete.	35-40 m²/litre depending on type of formwork.

CONCRETE ACCESSORIES

CURING COMPOUND & MOULD OILS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONSTRIP 4 A premium mould oil specifically developed for harsh conditions. Water based.	Can use with all types of mould to provide a clean fair face finish to concrete.	25-40 m²/litre depending on type of formwork.
	CORCURE 75 Metallic silicate based curing compound. Use where concrete is to be overcoated or rendered.	For use where surface finishes to be applied e.g. on concrete walls, columns, floors, tanks etc.	*5.5-6.0 m²/litre/coat.
	CORCURE 90 Wax based curing compound for prevention of premature water loss in concrete and shrinkage cracking.	For maximum curing efficiency, on runways, roads, factory & warehouse floor slabs.	*Up to 5.5 m²/litre.
	CORCURE 200 Acrylic based curing compound. Used as a primer for certain coatings avoiding the need for removal.	For the curing of freshly placed or demoulded concrete e.g. concrete slabs, slipformed concrete, run-ways & pavements, bridges, exposed concrete etc.	*4.5 - 5.5 m²/litre.

BONDING AGENT

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX LATEX Bonding agent and cement mortar additive for enhanced adhesion and water resistance.	Improves bond, water tightness, abrasion resistance & quality of cement mortars etc.	See data sheet.

** Coverage : - Depends upon porosity, texture & surface finish.*

CONCRETE ACCESSORIES

SURFACE RETARDERS & BOND BREAKERS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONSTRIP SRG Surface retarder gel. Face down application.	Surface retarder for face down applications provides exposed aggregate finish e.g. at stop ends.	3-4 m^2/kg depending on formwork and designed retardation depth.
	CONSTRIP SRL Surface retarder liquid. Face up application.	Surface retarder for spray on applications provides exposed aggregate finish e.g. for surfaces to receive grout or future pours of concrete.	4-5 m^2/litre
	CONSTRIP BOND BREAKER Bond breaker	Use in match cast precast concrete, top down construction applied to lean base form concrete in, for example, underground structures, precast panel production and other applications where bond breaking required.	6.0 - 7.0 m^2 /litre

CONCRETE & SHOTCRETE ADMIXTURES

CONCRETE & MORTAR ADMIXTURES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX H_2O STOP (Liquid) A concrete admixture for permanent waterproofing & concrete corrosion protection by crystallisation. In both liquid form.	For all types of waterproofing & concrete corrosion protection. Basements, water tanks, roofs, reservoirs, waste water plants, marine structures etc.	0.8 - 1 litre per 100 kg of total cementitious material. (Liquid)
	CORMIX H_2O STOP (Powder) A concrete admixture for permanent waterproofing & concrete corrosion protection by crystallisation. In both powder form.	For all types of waterproofing & concrete corrosion protection. Basements, water tanks, roofs, reservoirs, waste water plants, marine structures etc.	0.8 - 1 kg per 100 kg of total cementitious material. (Powder)

CONCRETE & SHOTCRETE ADMIXTURES

CONCRETE & MORTAR ADMIXTURES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX W1 Retarding and plasticising waterproofer (ASTM C494, Type A and BSEN 934-2).	Integral waterproofer for water retaining structures etc.	0.2 - 0.5 litre per 100 kg of total cementitious material.
	CORMIX W2 An integral water repellant admixture based on a blend of stearate & carefully selected organic derivatives, manufactured under controlled conditions to give a consistent product.	For use in all types of mortar & concrete mixes. It is particularly suitable for use in ready mixed concrete & all types of structural concrete. It is also usefully employed in precast concrete.	1.0-2.0 litre per 100 kg of total cementitious material.
	CONGROUT A A ready to use cement grout admixture.	Expanding grout admixture for specialist grouting of cable ducts, tunnel linings etc.	1-2% by weight of cement.
	CONGROUT AID A powder admixture used to produce non shrink concrete.	For all cementitious mixes where restrained expansion required. Improves flow, cohesiveness and prevents shrinkage.	5-10% by weight of cement.
	CONGROUT ADMIX Powder admixture for use in cementitious grouts. Provides flow, no bleeding and no shrinkage.	For producing non shrink grout on site.	0.5-2% by weight of cement.

CONCRETE & SHOTCRETE ADMIXTURES

CONCRETE & MORTAR ADMIXTURES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX R1 TP3 A high performance low dosage liquid retarding and water reducing agent complies with ASTM C494- 81 Type B and D, BS EN934 Part 2.	Used where high quality concrete is required, for example, in hot climates in the production of ready mix concrete, site concrete and R.C.C.	0.2 - 0.5 litre per 100 kg of total cementitious material for standard RMC. 0.7-1.5 litre per 100 kg of total cementitious material for RCC.
	CORMIX P2 A high performance liquid mid range concrete plasticiser and retarder or water reducing agent. Type A, B and D. Complies with ASTM C494- 81, BSEN 934-2 : 1988, BS5075 : Part 1, GB 8076-1997, ASTM C1017 as Type I and Type II.	Used to produce workable and dense concrete in for example, dams, tunnels, runways, canals, reservoirs, ports, and marine structures etc. It is widely used in ready mix & site concrete.	0.3-0.7 litre per 100 kg of total cementitious material.
	CORMIX P4 A liquid plasticising and retarding mid range concrete admixture. Complies with ASTM C494, Type A&D and BSEN 934-2.	Use as a plasticiser and retarder where retardation and greater plasticising effect than Cormix R1 is required. Principally used in R.M.C. and infrastructure projects.	0.2 - 0.5 litre per 100 kg of total cementitious material.
	CORMIX PC707 A new generation plasticizing admixture based on modified polycarboxylate polymer. Complies with ASTM C494, Type A&D and BSEN 934-2.	Used in ready mix concrete where high slump retention is required in hot weather conditions, where fines are high in concrete mix design, etc. It can be used with durable concrete containing fly ash, slag, micro silica, etc.	0.3 - 1.0 litre per 100 kg of total cementitious material.
	CORMIX SP1 A high performance Sodium Napthalene based superplasticiser. Complies with ASTM C494, Type A&F and BSEN 934-2.	For flowing concrete, precast and high strength concrete.	0.5 - 3.0 litre per 100 kg of total cementitious material.

CORMIX®

CONCRETE & SHOTCRETE ADMIXTURES

CONCRETE & MORTAR ADMIXTURES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX SP1A A highly effective water reducing superplasticizer, an extremely powerful deflocculating agent, it operates by dispersing cement in to its primary particles which dramatically increases the flow characteristics of the cement paste. Complies with ASTM C494 and EN 934-2 Table 7, Type A and F.	Used to produce flowing concrete with high early & ultimate strength or in the production of precast concrete that requires substantial water reductions and very high early strengths. Large cement savings possible in precast concrete.	1.0-3.0 litre per 100 kg of total cementitious material.
	CORMIX SP1B A highly effective water reducing superplasticizer, an extremely powerful deflocculating agent, it operates by dispersing cement in to its primary particles which dramatically increases the flow characteristics of the cement paste. Complies with ASTM C494 and EN 934-2 Table 7, Type A and F.	For using both in precast concrete & R.M.C. applications. Uses include to produce flowing concrete in congested areas, slabs and foundations, large pours, beams, columns and precast elements.	0.5 - 3.0 litre per 100 kg of total cementitious material.
	CORMIX SP4 A versatile product specifically designed for producing free flowing concrete in hot climates. A substantial water reducing agent for promoting early and ultimate strengths. (ASTM C494, Type A, D & G and BSEN 934-2).	For ready mix concrete and large pours with long lasting slump retention.	0.5 - 2.0 litre per 100 kg of total cementitious material.
	MEGAFLOW P5M An economical liquid mid range concrete plasticizer, retarder and water reducing agent based on high grade, modified lignosulphonic & caboxylic acid derivative. Complies with type A & D of ASTM C494-81, BS 5075:Part I, GB 8076-1997 BS:EN 934-2:1988, ASTM C1017 as type I & typ II.	Use to produce workable & dense concrete in ready mix site concrete to achieve extension of slump & setting times at high temperatures, water reduction with out loss in workability, increased compressive & flexural strength.	0.3-0.7 litre per 100 kg of total cementitious material.

CONCRETE & SHOTCRETE ADMIXTURES

SHOTCRETE ADMIXTURES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	MEGAFLOW SCC A new modified generation of polycarboxylated hyperplasticisers specifically developed to achieve improved concrete properties. Conforming to the requirements of BS5075 Part 3, ASTM C494 Type A & F and BSEN 934-2.	For using in precast concrete, ready mix concrete, self compacting concrete, pumped concrete, concrete for under water use, silica fume, blast furnace slag, and PFA modified concrete, light weight concrete etc.	500 ml to 1000 ml per 100 kg of total cementitious material.
	CORMIX SF1 An ultrafine spherical, high performance super reactive pozzolanic mineral additive conforming to ASTM C1240 definitions. BSEN 12390-8:2009	For dense, durable, watertight & high strength concrete. Use in shotcrete to reduce rebound, decrease permeability and improves strengths.	2-15% by weight of cement.
	CORMIX PA A pumping aid for concrete. A concrete admixture used to improve concrete mixes to protect concrete pumps and pipes from excessive wear, decrease pump pressure and reduce pumping times and difficulties.	To improve concrete with low cement contents, poor aggregate grading, varying fines contents, poor pumpability etc.	0.2-0.4 litre per 100 kg of total cementitious material.
	CONAIR A liquid air entraining agent for use in concrete and mortar mixes. Conair complies with ASTM C260-81 for air entraining admixtures. BS EN 934-2	It is used to improve the workability, cohesion, and durability of concrete and mortar by the entrainment of minute air bubbles of controlled size and spacing, uniformly distributed throughout the mix.	0.03 - 0.2 litre per 100 kg of total cementitious material.
	CORMIX AFL An alkali-free liquid admixture formulated to provide set acceleration in shotcrete, while reducing the safety hazards associated with traditional alkaline shotcrete accelerators. Complies to ASTM C1141, Type II & Grade 9, Class A. BSEN 5075-1:1982	For wet & dry shotcrete in tunnels, mines, concrete repair & slope stabilization etc.	3-10% by weight of cementitious material.

CORMIX®

CONCRETE & SHOTCRETE ADMIXTURES

SHOTCRETE ADMIXTURES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX AFL RT1 An alkali-free liquid admixture formulated to provide faster hardening acceleration in shotcrete. Complies with ASTM C1141, Type II & Grade 9, Class A. BSEN 5075-1:1982	Used with shotcrete in tunneling, mining, concrete repair and slope stabilization.	3-10% by weight of cementitious material.
	CORMIX AFP An alkali-free powder admixture formulated to provide set acceleration in shotcrete, while reducing the safety hazards associated with traditional alkaline shotcrete accelerators. Complies to ASTM C1141, Type I & Grade 9, Class B. BSEN 5075-1:1982	Suitable for use with shotcrete in tunnels, mines etc. and for slope stabilisation.	3-7 % by weight of cementitious material.
	CORMIX LA1 A liquid accelerator used for cementitious grouting in tunnels driven by TBMs.	For use in tunnel cavity grouting applications where an early strength is required for the backfill grout.	See data sheet.
	CORMIX SP1B A highly effective water reducing superplasticiser and an extremely powerful de-flocculating agent, it operates by dispersing cement in to its primary particles which dramatically increases the flow characteristics of the cement paste. Complies with ASTM Type A & F and BSEN 934-2.	For using both in precast concrete & R.M.C. applications. Uses include to produce flowing concrete in congested areas, slabs and foundations, large pours, beams, columns and precast elements.	0.5 - 3.0 litre per 100 kg of total cementitious material.

UNDERGROUND CONSTRUCTION SPECIALITIES

TBM ACCESSORIES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX SCF A liquid foaming agent produced especially for soil conditioning with shielded tunnel boring machines.	For used in tunneling with tunnel boring machines.	2-6% solution in water.
	CORMIX SCF/P1 A liquid lubricating polymer used to enhance the performance of Cormix SCF in difficult ground conditions.	Used in soil conditions where the water content increases & foam alone is unable to modify the soil conditions.	0.3-3.0% of the foam solution.
	CONTITE PUE100/E101 A one component environmentally friendly hydrophobic polyurethane injection grout, an effective means of stopping water seepage. The system only reacts when it comes into contact with water producing a relatively stiff polyurethane foam.	Used to stop water penetration or react away water in cracks, voids or soil. Areas of use include basements, tunnels all underground structures.	See data sheet.
	CONTITE PUE500/501 A phthalate free fast reacting 2 component rigid polyurethane foam.	Use to increase the load bearing capacity of loose soils. For soil & rock consolidation, filling of large voids, cracks and crevices in wet & dry consolidations.	See data sheet.
	CONTITE PUE700/701 Two part fast setting rigid polyurethane foam for soil & rock consolidation and below grade water stoppage.	Used for soil and rock consolidation, filling of large voids, cracks and crevices, pre injection for waterproofing and consolidation in front of TBM and drill and blast, filling of fissures, gravel layers, in wet and dry conditions.	See data sheet.

CORMIX®

UNDERGROUND CONSTRUCTION SPECIALITIES

TBM ACCESSORIES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE G600 A hydrogel injection grout. Used to stop heavy water leakage. Reacts with water over a range of ratios to form elastic foams, rubbery gasket or elastomeric waterproof gel. Mix with water from 1:1 - 1:15	Typical areas of use include shutting off heavy water leakage, forming a waterproof membrane applied from the negative side of walls or tunnel linings, ground stabilization & prevention of leakage in expansion joints.	See data sheet.
	CONTITE G900 A 2 component hydrogel injection grout with mix ratio of 1:1 to be used as a water stoppage system producing an elastomeric water-proof gel.	Typical areas of use include shutting of water seepage, forming a waterproof membrane on the positive side of basement or tunnel walls, soil stabilization prevention of water leaks through joints.	See data sheet.
	CORMIX TBM TS1 Natural oil based tail sealant for shielded tunnel boring machine (TBM). Environmentally friendly no pollution.	Used with shielded tunnel boring machines it effectively seals the gap between the shield and pre-cast concrete segments preventing the ingress of soil, water or grout.	Approx. 0.7 kg -1.3 kg/m^2.
	CORMIX TBM TS2 Natural oil based first fill tail sealant for shielded tunnel boring machine (TBM). Environmentally friendly no pollution.	Used with shielded tunnel boring machines it effectively seals the gap between the shield and pre-cast concrete segments preventing the ingress of soil, water or grout.	Approx. 3 row brush system is 50 kg per metre shield circumference.
	CONTITE WATERSTOP CJ A hydrophilic (swelling) rubber sealing waterstop strip used to seal site formed construction joints and precast concrete segments.	For sealing constuction joints in tunnels, station boxes, under-ground water retaining structures, basements, other construction joints and precast segments etc.	See data sheet.
	CORMIX TUNNEL SEAL A bituminous polyester polymer modified self adhesive packing seal for tunnel segments.	Used to seal segmental tunnel segments and other below ground structures.	See data sheet.

UNDERGROUND CONSTRUCTION SPECIALITIES

TBM ACCESSORIES

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX LA1 A liquid accelerator used for cementitious grouting in tunnels driven by TBMs.	For use in tunnel cavity grouting applications where an early strength is required for the backfill grout.	See data sheet.
	CORMIX P20 A ready to use set retarding & water reducing stabilizer used to control setting times of concrete or cement based grouts. Complies to ASTM C494, Type B and BSEN 934-2.	For use in large continous pours, where cold joints are anticipated, in under water concreting, for hot weather concreting and in tunnel cavity grouting.	0.25-2% by weight of cement

HARD ROCK TUNNELING (SHOTCRETE & FIXING)

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX AFL RT1 An alkali-free liquid admixture formulated to provide faster hardening acceleration in shotcrete. Complies with ASTM C1141, Type II & Grade 9, Class A. BSEN 5075-1:1982	Used with shotcrete in tunneling, mining, concrete repair and slope stabilization.	3-10% by weight of cementitious material.
	CORMIX AFP An alkali-free powder admixture formulated to provide set acceleration in shotcrete, while reducing the safety hazards associated with traditional alkaline shotcrete accelerators. Complies to ASTM C1141, Type I & Grade 9, Class B. BSEN 5075-1:1982	Suitable for use with shotcrete in tunnels, mines etc. and for slope stabilization.	3-7 % by weight of cementitious material.

CORMIX®

UNDERGROUND CONSTRUCTION SPECIALITIES

HARD ROCK TUNNELING (SHOTCRETE & FIXING)

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CORMIX LA1 A liquid accelerator used for cementitious grouting in tunnels driven by TBMs.	For use in tunnel cavity grouting applications where an early strength is required for the backfill grout.	See data sheet.
	CORMIX P20 A ready to use set retarding & water reducing stabilizer used to control setting times of concrete or cement based grouts. Complies to ASTM C494, Type B and BSEN 934-2.	For use in large continous pours, where cold joints are anticipated, in under water concreting, for hot weather concreting and in tunnel cavity grouting.	0.25-2% by weight of cement
	CONGROUT A A ready to use cement grout admixture.	Expanding grout admixture for specialist grouting of cable ducts, tunnel linings etc.	1-2% by weight of cement.
	CONGROUT ROKFIX A cementitious rock bolting grout packed in a water permeable membrane, forming a shrinkage compensated grout providing high early compressive strengths and fast setting times.	Used for grouting rockbolts / anchors in tunneling and mining.	See data sheet.
	CONDUR ANCHOR A 2 component moisture insensitive general purpose epoxy adhesive in dual component cartridges for ease of application.	Uses include setting starter bars, dowels, holding down bolts & anchoring in general.	See data sheet.

UNDERGROUND CONSTRUCTION SPECIALITIES

TUNNEL LINING

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE HPWM A single component, high performance flexible waterproofing membrane for underground structures.	For protection of various structures including basements, shotcrete tunnels, underground station, shafts, cavern linings etc.	Approx. 1.2 - 3.6 kg / m^2 for 2-6 mm thickness. Apply in multiple layers up to a max of 2 mm per layer may build up to 6 mm.
	CONTITE PUE100/E101 A one component environmentally friendly hydrophobic polyurethane injection grout, an effective means of stopping water seepage. The system only reacts when it comes into contact with water producing a relatively stiff polyurethane foam.	Used to stop water penetration or react away water in cracks, voids or soil. Areas of use include basements, tunnels all underground structures.	See data sheet.
	CONTITE PUE200/E201 A two component environmentally friendly polyurethane system. For flexible sealing of cracks in concrete structures as well as areas suffering from water leakage.	Can be used directly into dry & moist cracks, if water leakage stop first using **Contite PUE 100/E101**.	See data sheet.
	CONTITE PUE300/301 A two component environmentally friendly polyurethane system. This system is ideal for the structural sealing of cracks in concrete structures as well as areas suffering from water leakage.	Can be used directly into dry & moist cracks, if water leakage stop first using **Contite PUE 100/E101**.	See data sheet.
	CONTITE PUE400/E401 A 2 component hydrophobic polyurethane 2 in 1 injection resin system.	Used to stop water leakage as well as to form a solid resin, one shot permanent sealing of cracks.	See data sheet.

CORMIX®

UNDERGROUND CONSTRUCTION SPECIALITIES

TUNNEL LINING

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONPATCH 600MCI One part polymer modified fine concrete repair mortar incorporating a corrosion inhibitor.	For concrete repairs where fine structural repair material is required with incorporation of corrosion inhibitor.	Approx. 2 kg/m^2/mm thickness.
	CONDUR 41 A 2 component solvent free fine trowelable epoxy mortar for repairing concrete.	Use to repair both insitu & precast concrete. Providing a smooth finish.	Approx. 2 kg/m^2/mm.
	CORMIX SP1A A highly effective water reducing superplasticizer, an extremely powerful deflocculae agent, it operates by dispersing cement in to its primary particles which dramatically increases the flow characteristics of the cement paste. Complies with ASTM C494 and EN 934-2 Table 7, Type A and F.	Used to produce flowing concrete with high early & ultimate strength or in the production of precast concrete that requires substantial water reductions and very high early strengths. Large cement savings possible in precast concrete.	1.0-3.0 litre per 100 kg of total cementitious material.
	CORMIX SP1B A highly effective water reducing superplasticiser and an extremely powerful de-flocculating agent, it operates by dispersing cement in to its primary particles which dramatically increases the flow characteristics of the cement paste. Complies with ASTM Type A & F and BSEN 934-2.	For using both in precast concrete & R.M.C. applications. Uses include to produce flowing concrete in congested areas, slabs and foundations, large pours, beams, columns and precast elements.	0.5 - 3.0 litre per 100 kg of total cementitious material.
	CORMIX SP4 A versatile product specifically designed for producing free flowing concrete in hot climates. A substantial water reducing agent for promoting early and ultimate strengths. (ASTM C494, Type A, D & G and BSEN 934-2).	For ready mix concrete and large pours with long lasting slump retention.	0.5 - 2.0 litre per 100 kg of total cementitious material.

UNDERGROUND CONSTRUCTION SPECIALITIES

SLAB LIFTING & ASSOCIATED PRODUCTS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE SLAB LIFT 2 component, environment friendly, Phthalate free, Rigid Structural.	Two component, environmental friendly, phthalates free, non toxic, rigid structural polyurethane foam for concrete slab lifting and soil stabilization.	See data sheet.
	CONTITE PUE500/501 A phthalate free fast reacting 2 component rigid polyurethane foam.	Use to increase the load bearing capacity of loose soils. For soil & rock consolidation, filling of large voids, cracks and crevices in wet & dry consolidations.	See data sheet.
	CONTITE PUE700/701 Two part fast setting rigid polyurethane foam for soil & rock consolidation and below grade water stoppage.	Used for soil and rock consolidation, filling of large voids, cracks and crevices, pre injection for waterproofing and consolidation in front of TBM and drill and blast, filling of fissures, gravel layers, in wet and dry conditions.	See data sheet.
	CONTITE G600 A hydrogel injection grout. Used to stop heavy water leakage. Reacts with water over a range of ratios to form elastic foams, rubbery gasket or elastomeric waterproof gel. Mix with water from 1:1 - 1:15	Typical areas of use include shutting off heavy water leakage, forming a waterproof membrane applied from the negative side of walls or tunnel linings, ground stabilization & prevention of leakage in expansion joints.	See data sheet.
	CONTITE SOIL STAB A hydrophilic injection grout for soil and rock consolidation.	Use in consolidation of loose sandy soils, sealing of fractures & cracks in hard rock, curtain grouting and preinjection grouting.	See data sheet.
	CONTITE PUE100/E101 A one component environmentally friendly hydrophobic polyurethane injection grout, an effective means of stopping water seepage. The system only reacts when it comes into contact with water producing a relatively stiff polyurethane foam.	Used to stop water penetration or react away water in cracks, voids or soil. Areas of use include basements, tunnels all underground structures.	See data sheet.

CORMIX®

UNDERGROUND CONSTRUCTION SPECIALITIES

SLAB LIFTING & ASSOCIATED PRODUCTS

	DESIGNATION	PRINCIPLE USES	COVERAGE/YIELD/DOSAGE
	CONTITE PUE200/E201 A two component environmentally friendly polyurethane system. For flexible sealing of cracks in concrete structures as well as areas suffering from water leakage.	Can be used directly into dry & moist cracks, if water leakage stop first using **Contite PUE 100/E101.**	See data sheet.
	CONTITE PUE300/301 A two component environmentally friendly polyurethane system. This system is ideal for the structural sealing of cracks in concrete structures as well as areas suffering from water leakage.	Can be used directly into dry & moist cracks, if water leakage stop first using **Contite PUE 100/E101.**	See data sheet.
	CONTITE PUE400/E401 A 2 component hydrophobic polyurethane 2 in 1 injection resin system.	Used to stop water leakage as well as to form a solid resin, one shot permanent sealing of cracks.	See data sheet.
	CONDUR SC Pure synthetic resin with low viscosity for sealing cracks, cavities with a maximum width of approx. 5 mm.	For concrete crack repair to bridges, beams, columns, precast elements, floors etc.	See data sheet.
	CONDUR EA1 A 2 component solvent free epoxy adhesive and concrete repair material. Pourable & paste grade.	Bonding, patching, setting of starter bars and dowels, repair adhesive.	See data sheet.
	CONPLUG Ready to use powder, fast setting permanent water plug.	Stops pressure leaks in concrete and rock.	See data sheet.

www.cormix.com

This Product Guide is not all inclusive of the Cormix range.
For information about additional products please contact Cormix.

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