



SAINT-GOBAIN

a.b.e.® Construction Chemicals (Pty Ltd)

PRODUCT SOLUTIONS

GENERAL
CONSTRUCTION



INNOVATIVE CONSTRUCTION CHEMICAL
SOLUTIONS FOR THE BUILT
ENVIRONMENT

- GENERAL CONSTRUCTION
- FLOORING
- SILICONES, SEALANTS & ADHESIVES
- WATERPROOFING
- CONCRETE REPAIR & PROTECTION
- HIGH PERFORMANCE COATING SOLUTIONS





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PRODUCT SELECTOR

GENERAL CONSTRUCTION

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ADHESIVES	Structural bonding dry-to-dry concrete, steel and bricks	High strength, non-slump, non-shrink	Epoxy	epidermix 350
	External carbon fibre structural reinforcement, use with dura.®fibre CFP	Non-shrink, excellent adhesion, high strengths and solvent free		dura.fibre CFP adhesive
	Laminating/impregnating resin used in conjunction with dura.fibre CFW	Solvent free, self-priming and excellent adhesion to substrates	Synthetic resin	dura.fibre CFW resin
	Bonding mortar/plaster applications and integral admixture	Good bond, economical		abe.®bond plastergrip
	Polymer modified cement based mortar adhesive used to bond concrete blocks/bricks together instead of traditional thick mortar bedding system	Provide a thin, excellent adhesion, very strong bond between block/brick faces with water resistant barrier between joints	Cementitious	abe.®fix TBM (thin bed mortar)
COATINGS/SEALERS	Protective coating for steel, concrete and timber	Corrosion protection to most surfaces	Epoxy coal tar	abe.®cote 352
	Protect cementitious, metallic surfaces, water tanks and piping	Potable water, mild chemical resistance	Bitumen	ravenol
	Steel corrosion inhibitor and coating	Quick drying, thixotropic	Epoxy	abe.®cote 384
	Primer/sealer for porous surfaces, concrete, plaster, fibre cement and timber.	Versatile primer for epoxies and polyurethanes, long pot life		abe.®cote 386
	Lining to prevent build-up of low abrasion materials (feed meal silos)	Solvent free epoxy to improve slip factor		abe.®cote SF 321
	Penetrating liquid with hydrophobic properties applied to concrete, stone and face brickwork	Protection against chlorides, carbon dioxide ingress, reduces corrosion efflorescence	Silane siloxane	dura.sil SH
CURING COMPOUNDS	Shutter release agent	Excellent release agent, economical	Oil emulsion	dura.strip
	Curing membrane for concrete, masonry surfaces	Clear and white pigmented for light reflectance, meets ASTM requirements	Wax emulsion	CHRYSO® Cure WB
			Wax emulsion and fugitive dye	CHRYSO® Cure WBD
			Acrylic emulsion	CHRYSO® Cure Acrylic
			Petroleum resin emulsion, white pigmented	CHRYSO® Cure WP
			High performance solvented	CHRYSO® Cure HPS
GROUTING	Grouting and anchoring bars, bolts and fixing steel into concrete, high strength masonry, brick and rock	Applied under water, cures in 45 minutes. Rapid strength gain, pourable and paste consistency	Polyester	epidermix 725 epidermix 725 TX
	Anchoring into solid substrates and for use in dry, wet and flooded holes	Vinylester formulated, free of styrene, has a very low odor and is ideal for use in confined spaces and indoors	Vinylester	abe.® chemical anchor MAXX
	Machine, column, crane rails, wind farm bases and anchor bolts	Fluid, rammable, non-shrink, high strength	Cementitious	dura.grout
	Bridge bearings, machine and column bases, anchor bolts	Flowable, high strength	Epoxy	epidermix 324
	Bridge bearings, machine bases, structural elements	Rammable, high strength		epidermix 325

GROUTING	Starter bars vertically down	Quick setting, flowable, structural and chemical resistant	Epoxy	epidermix 395
	Starter bars horizontally or overhead	Quick setting, non-flow, structural and chemical resistant		epidermix 396
MORTARS	Durable protection layer to fibre cement, insulation boards, rock and concrete wall surfaces	Good bond, flexural and tensile strengths, economical, paintable and reduced permeability	Cementitious	abe® mortar clad
	General purpose white Portland cement	Aesthetic and decorative, high strength		abe.®CEM-blanc
	Fast setting patching mortar for concrete and pavement structures	High-early final compressive strengths, self-compacting, chloride free and non-shrink		dura.rep FS
	Polymer modified high-strength concrete reinstatement mortar with excellent compatibility with concrete in terms of movement	Structural, good abrasion resistance, high compressive strengths, chloride and carbon dioxide resistant		dura.rep HS
	Polymer modified, shrinkage compensated cementitious patching compound in concrete	Fibre reinforced, chloride free, non-toxic, applications 5 – 40 mm thick		dura.rep P&S
	Smoothing of irregular surfaces and blow holes on concrete and masonry to provide a suitable chemical resistant finish	Provides an easy workable, trowel applied, thixotropic, non-slump consistency, to receive an appropriate chemical top coat	Epoxy Cement	dura.rep EC
	High strength repair compound for concrete, masonry and brickwork, joint arises, stair treads, precast units	Chemical resistant, cure under damp conditions, high-early/ultimate final compressive strengths	Polyester	epidermix 715
AUXILIARIES	Prevent regress or ingress of water/liquids through joints in water retaining structures	Withstands a 10 m head of water	Polyvinyl chloride waterstops	dura.joint PVC waterstops
	Seal water retaining structure joints > 10 mm movement	Withstands a 50 m head of water	Rubber waterstops	dura.joint rubber waterstops
	Integral sealing for construction joints in case in-situ concrete where space or access restricted	Seals by immediate swelling and by crystallization	Swellable waterstop-bentonite	dura.joint SW-B
	Integral sealing for prefabricated concrete joint construction under conditions of confinement	Seals joints in tunnels and shafts	Swellable waterstop-rubber	dura.joint SW-R
	Provides excellent extension in cross direction and rigid lengthwise as well as strong high-tenacity joint/crack sealing	High pressure resistance, excellent lateral and longitudinal elongation	Polypropylene, special coated non-woven waterproofing tape	dura.band
	Repairing/sealing of expansion, construction, contraction joints	High performance waterproofing bandage	Thermoplastic elastomers	dura.joint flexband system
	Repairing / patching defects in concrete	Light weight, quick turnaround time for repair work	Carbon fibre plate	dura.fibre CFP
	Offers outstanding tensile strength for bending loads, deformation, or increased stress and E-modulus for the structural strengthening of reinforced concrete elements	Light weight, quick turnaround time for repair work	Carbon fibre fabric/wrap	dura.fibre CFW
	Fine particle size surface poly-adhesive for excellent dust binding	Produces a durable, smooth and dust free surface	High range dust suppressant	CHRYSO® Eco Dust 100
	Emulsified dust lubrication system that aids in the coalescing, stabilisation and suppression of rising dust particles and spores	Creates a dust free environment, complete dust suppression, increased road visibility and increased grip		CHRYSO® Eco Dust 200