



SAINT-GOBAIN

PRODUCT SELECTOR CONCRETE WORKS



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WORKS

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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 durafibre CFP	Non-shrink, excellent adhesion, high strengths and solvent free		durafibre CFP adhesive
Laminating/impregnating resin used in conjunction with durafibre CFW	Solvent free, self-priming and excellent adhesion to substrates		durafibre CFW resin
Bonding mortar/plaster applications and integral admixture	Good bond, economical	Synthetic resin	abebond® 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	abefix TBM (thin bed mortar)
COATING/SEALERS			
Water based metal primer and corrosion protection coating	Self-crosslinking, multi-phase acrylic dispersion	Acrylic	4-metal primer
Protective coating for steel, concrete and timber	Corrosion protection to most surfaces	Epoxy coal tar	abecote® 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	abecote® 384
Primer/sealer for porous surfaces, concrete, plaster, fibre cement and timber.	Versatile primer for epoxies and polyurethanes, long pot life		abecote® 386
Lining to prevent build-up of low abrasion materials (feed meal silos)	Solvent free epoxy to improve slip factor		abecote® 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	durasil SH
CURING COMPOUNDS			
Shutter release agent	Excellent release agent, economical	Oil emulsion	durastrip
Curing membrane for concrete, masonry surfaces	Provides temporary membrane to retain moisture in concrete for effective curing. Wax based, can't be overcoated	Wax emulsion	duracure WB
	Multi-purpose curing, sealing and protective membrane for concrete. I.e. external hardstands, concrete roads, plastered surfaces. Can be overcoated	Pliolite resin Clear/White	duracure PR
	Water based, slightly viscous, acrylic emulsion solution which dries to a colourless stain free surface when applied to concrete. Curing aid	Acrylic emulsion	duracure acrylic
	Resin based concrete curing compound. Clear and white pigmented for light reflectance to keep temperature of concrete to a minimum. Meets ASTM requirements. I.e. external hardstands, concrete roads	White Pigmented Resin	duracure WPR
	Liquid membrane-forming solvent curing compound i.e. over dryshake abecron floors	Solvent based Clear	duracure SBC
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
Concrete windfarm tower joint grout between keystones	V- vertical joints H - horizontal joints	Cementitious	duragrout® WF

GROUTING			
Steel windfarm towers grout under flanges	High performance precision grout	Cementitious	duragrout® HP
Machine, column, crane rails, wind farm bases and anchor bolts	Fluid, rammable, non-shrink, high strength precision grout		duragrout®
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
Starter bars vertically down	Quick setting, flowable, structural and chemical resistant		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		durarep 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		durarep HS
Polymer modified, shrinkage compensated cementitious patching compound in concrete	Fibre reinforced, chloride free, non-toxic, applications 5 – 40 mm thick		durarep 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	durarep 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	durajoint PVC waterstops
Seal water retaining structure joints > 10 mm movement	Withstands a 50 m head of water	Rubber waterstops	durajoint 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	durajoint SW-B
Integral sealing for prefabricated concrete joint construction under conditions of confinement	Seals joints in tunnels and shafts	Swellable waterstop-rubber	durajoint 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 bandage, 1.5 mm. Used with duraflex® or epidermix® 318. I.e. culverts	Polypropylene, special coated non-woven waterproofing tape	duraband
Repairing/sealing of expansion, construction, contraction joints	High performance waterproofing bandage, 2 mm. Asphalt tolerant.	Thermoplastic elastomers	durajoint flexband system
Repairing / patching defects in concrete	Light weight, quick turnaround time for repair work	Carbon fibre plate	durafibre 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	durafibre CFW
12 mm circular rod for new-surface-mounted structural strengthening of concrete, bonded and fully encapsulated	Light weight, quick turnaround time for repair work	Carbon fibre rod	durafibre rod