

CONSTRUCTION SOLUTION PRODUCT RANGE:



Cemlevel10

20kg

Cemlevel10 is pump or hand applied self-levelling cementitious underlay & topping designed for application thicknesses from 3mm - 30mm in one operation. It is used for toppings & floor underlays on concrete slabs in residential and commercial applications.

- Self-levelling underlay & topping to concrete slabs in residential & commercial applications, floor preparation underlay for vinyl, carpets, timber and epoxy overlays.
- Mix and pour: easy to apply.
- Can be walked on in 2 hours.
- Can be overlaid in 48 hours.
- Shrinkage compensated.
- Used in underfloor heating situations.
- Inside / exterior use.



Cemscreed40

25kg

Cemscreed40 is a high strength floor screed, topping & paving bedding mortar for 10mm - 50mm deep applications. It has increased abrasion resistance as well as a high early and ultimate strength.

- Cost effective
- Good compressive strength
- Good bond strength
- Shrinkage compensated

40MPa @ 28 days



Concrete Resurfacer

20kg

Concrete Resurfacer is a high performance concrete resurfacing product for renewing aged or spoiled concrete.

- Resurfacing of aged concrete, surface spoiled concrete or cracked concrete.
- Residential driveways, patios and footpaths.
- Shops, restaurants & cafes, hospitals, schools.
- Visit www.cemix.co.nz/cemix-concrete-resurfacer/ to watch the 'how to use' video for Concrete Resurfacer.

25MPa @ 28 days



Cow Shed Repair

20kg

Cow Shed Repair is a fibre reinforced, polymer modified, shrinkage compensated rapid concrete repair mortar & topping for concrete repairs in horizontal applications. It contains crystalline concrete waterproofing and reactive microsilica admixtures, providing corrosion protection to reinforcement steel and enhancing overall durability. It is used for remedial work & toppings on concrete where super high early strength & durability are required.

- Super high early strength. Trafficable in 6 hours
- One component (just add water)
- Fibre reinforced & polymer & reactive micro-silica modified.
- Shrinkage compensated.
- High bond strength & durable

30MPa @ 6 hours



Structural Repair VO

20kg

Structural Repair VO is a high performance, fibre reinforced, polymer modified, shrinkage compensated concrete repair mortar. It contains crystalline concrete waterproofing and reactive microsilica admixtures, providing corrosion protection to reinforce steel and enhance overall durability. It is typically hand placed but can also be wet sprayed onto concrete substrates. It is used in remedial works where high performance & durability are required.

- Versatile 5mm to high-build application depths
- Vertical, overhead & horizontal use
- Hand placed or wet sprayed
- One component (just add water) and durable.
- Fibre reinforced. Polymer and reactive micro silica modified.
- Shrinkage compensated with high bond strength.

50MPa @ 28 days



Structural Repair H

20kg

Structural Repair H is a high performance, fibre reinforced, polymer modified, shrinkage compensated concrete repair mortar & topping. It contains crystalline concrete waterproofing and reactive microsilica admixtures, providing corrosion protection to reinforce steel and enhance overall durability. It is used for remedial work & toppings on concrete where high performance & durability are required.

- Horizontal repairs & toppings
- One component (just add water)
- Fibre reinforced & polymer & reactive micro-silica modified.
- Shrinkage compensated.
- High bond strength. Durable
- Contains an integral crystalline concrete durability enhancer & waterproofing material.

50MPa @ 28 days



Cemsplash

25kg

Cemsplash is a rapid (key coat). It forms an excellent key for application of solid wall plaster 12mm and above. This can be used on certain painted substrates, but please contact a Cemix® representative for guidance.

- Application over block work, brick work and other bare concrete substrates.
- This product should be used in conjunction with Cemix® Cemplaster.
- Forms an excellent key coat for application of solid wall plaster.
- One component
- Just add water.

Cemplaster

30kg

Cemplaster is designed for 12mm and above solid plaster work.

- Solid wall plaster bagged product for professional plasterers.
- Has non-shrink & non crack additives.
- Computerised batching to ensure consistency.
- Suitable for most block and brick walls.
- Cemsplash needs to be used in conjunction with Cemplaster as a key coat before application to the substrate. Cemsplash is used to aid surface bonding for Cemplaster.



Cemgrout GP

25kg

Cemgrout GP is a high performance, general purpose, high flow, non-shrink cementitious grout. It contains admixtures that provide positive expansion when the grout is in its plastic state and is also shrinkage compensated when in the hardened state. Characteristics include high flow, plastic expansion, high strength, shrinkage compensation, excellent substrate adhesion and durability.

- High flow
- Shrinkage compensated
- High bond strength
- Durable
- Low chloride ion permeability
- Improved abrasion resistance

60MPa @ 28 days



Coloured Trade Mortar

30kg

Coloured Trade Mortar mix is mortar designed for the trade. It comes in eight different colours; white, black, cream, light brown, grey, dark brown, khaki & yellow.

- No additives required.
- High quality masonry mortar.
- Contains carefully graded and processed sand fractions.
- Exhibits ideal water demand and high workability.
- A high tech blend of admixtures guarantees great

28MPa



QuickPatch

1kg, 5kg, 10kg & 20kg

Quick patch fast setting, fibre reinforced, polymer modified concrete repair mortar for horizontal, vertical & overhead patching & feather edged applications. It can be used up to 20mm in depth in one layer.

- One component multi purpose product.
- Up to 20mm application depths.
- Can be feather edged.
- Horizontal, vertical & overhead patching.
- Short curing times.
- Durable with good bond strength.
- Improved abrasion resistance.
- For cracks 3 - 20mm.
- Can walk over in 2 hours but allow to fully cure for 7 days.

30MPa @ 28 days



EasyPli

700gm, 1.2kg, 2.5kg & 10kg

Easypli powder has been formulated especially for the bricklayer and block layer who is looking for a high yield, low cost, plasticiser using a combination of non-toxic, non-staining chemical powders. Easypli will meet the needs of the tradesman by giving good extension to board life, excellent workability, good hold on the trowel and reduces water content.

- Can be used for all Portland cement / sand mortars for bricklaying, blocklaying and plastering.
- Needs no addition of lime or other admixtures.
- Can be used for coloured mortars including black oxide and white cement.
- Cost effective with longer board life.
- Non-staining with excellent hold.
- Increased bond strength.



MortarFlex Plus

200gm, 600gm, 1.5kg, 3kg & 6kg

Mortaflex plus is a highly concentrated powder that will plasticise, increase open time, retain water, help prevent efflorescence, shrinking & cracking and increase bond & strength.

- It plasticisers, increases set time & can retain water.
- It helps reduce efflorescence, shrinkage & cracking.
- Reduce water absorption & increase bond strength.
- Economical and easy to use.



Plimortar

15kg

Plimortar is a pozzolanic formulation that consists of a combination of hydroxyl aluminium silicates and diatomite. Plimortar will extend mortars board life, reduce early stage drying and shrinkage of mortar joints, improve workability, produce water-tight joints and enhance tooling of the mortar joints without sacrificing the mortars compressive strengths.

- Improves adhesion and bond.
- Longer board life.
- Superior workability.
- Excellent hang-ability.
- Watertight joints.

CONSTRUCTION RANGE

Cemix® has an extensive range of construction and trade products. This brochure includes a sample of products from the range. The range includes mortars, tile adhesives, waterproofing bandages and tapes, waterproofing membranes, grouts, patching, topping and screeding products as well as our top selling admixtures and sealers. For the full range of Cemix® Construction Range of products, please visit our website www.cemix.co.nz.

For technical specifications, data sheets and material safety data sheets, please visit our website.

If you are unsure about any products, please do not hesitate to call our helpful Cemix® technical team on 0800 ASK CEMIX.

CONSTRUCTION SOLUTIONS RANGE



CONSTRUCTION SOLUTIONS RANGE



DOWNLOAD THE CEMIX APP FROM THE ITUNES APP STORE TODAY



SCAN TO VISIT CEMIX'S "HOW TO" VIDEO TUTORIALS ON YOUTUBE



CONSTRUCTION SOLUTION PRODUCT RANGE:



Cempxy Liquid

1L, 4L & 20L

Cempxy Liquid is a pourable, low viscosity, unfilled, high strength epoxy liquid. It has good mechanical properties and chemical resistance. Cempxy Liquid has excellent adhesion to concrete, steel, stone, timber and many other materials.

- High compressive strength.
- High tensile strength.
- High bond strength.
- Pourable & versatile.
- Durable.



Cempxy Mortar Paste

5kg kit

Cempxy Mortar Paste is a two part thixotropic epoxy mortar/paste. It is gunable and trowelable. It has excellent adhesion to most materials including concrete, metals, brick, ceramic, and glass etc. Cempxy Mortar Paste is non shrink and has excellent chemical resistance.

- Versatile.
- High compressive strength.
- High bond strength.
- Non shrink.
- Durable.
- Good chemical resistance.



Cempxy UA Mortar Putty

500ml, 1L, 4L & 20L

Cempxy UA Mortar Putty is a high performance two part, low-slump, non-shrink epoxy mortar/putty formulated to allow hand mixing. It bonds strongly to dry or damp concrete, steel, stone, glass, aluminium etc. It sets quickly, can tolerate water & has excellent chemical resistance.

- Most epoxy mortar/putty applications.
- Repairs to concrete structures.
- Slab repairs.
- Precast concrete & concrete pipe repairs.
- Control joint shoulder repairs.
- Kerb repairs.
- Horizontal or overhead mortaring of starters, bolts, anchors & dowels.
- Concrete pipe joints.



Concrete Hardener

5L, 20L & 210L

Concrete Hardener is a liquid hardener and dust-proof for use on Portland cement concrete floors.

- Economical.
- Hardens concrete floor surfaces.
- Improves abrasion resistance.
- Resists the penetration of oil and grease.
- Can be used on new or old concrete.



Architectural Sealer

1L, 4L & 20L

Architectural Sealer is a clear, satin finish, elastomeric, film forming sealer for weatherproofing architectural masonry, architectural concrete, plaster, stone & similar substrates. Architectural masonry is notorious for surface porosity & permeability. Architectural Sealer can be used in conjunction with Cemprotect as a system.

- Highly weatherproof.
- Elastomeric.
- Waterbased.
- Durable.
- UV resistant.
- Semi breathable.



Cemprotect

1L, 4L, 10L & 20L

Cemprotect is a high performance nanotechnology penetrating hydrophobic protection treatment for all cementitious substrates, as well as natural & artificial stone. It serves to protect these substrates by keeping the surface dry through a powerful water repelling action. It is waterbased making it more environmentally friendly & less toxic. Cemprotect can be used in conjunction with Architectural Sealer as a system.

- Strong water repellent action.
- Waterbased.
- Durable.
- UV resistant.
- Highly breathable.
- Easy to use.
- Protects against rising damp..



Cemplus

1L, 2.5L, 5L & 20L

Cemplus is an active non-staining liquid which readily mixes with water to improve the workability & adhesion of cement mortar & plaster.

- Reduces cracks & crazing.
- Cuts costs – increases productivity.
- Eliminates need for lime.
- Reduces water absorption.
- Resists freeze – thaw damage.
- Helps prevent efflorescence.



Multibond

1L, 2.5L, 5L & 20L

Multibond is a high performance latex bonding agent for bonding of a variety of products. It is used as a multi purpose bonding primer & admixture where high performance & durability are required.

- Ready to use direct from container.
- Can be used as a primer & admixture.
- Exterior & interior use.
- Water resistant.
- Water based.
- Can be applied with a brush, roller or spray.



STRUCTURAL REPAIRS

Cemix has a wide range of structural and rapid repair mortars that can be used by construction industry for repairs to;

Structural Repair H

- Horizontal repairs to concrete structures & pavements
- Toppings on concrete slabs
- Factory & commercial slab repairs
- Bridge deck repairs
- Marine structure deck repairs
- Water retaining structure slab repairs
- Concrete pavements & roads
- Airport runway repairs

Structural Repair V/O

- Vertical & overhead repairs to concrete structures
- Columns
- Underside of beams & slabs
- Bridges & marine structures
- Water retaining structures
- Precast concrete

For more information and technical data on the Structural and Rapid Repair range visit our website www.cemix.co.nz or call 0800 ASK CEMIX.



SCAN TO VISIT
CEMIX'S FULL RANGE
OF STRUCTURAL
AND RAPID REPAIR
PRODUCTS AND
THEIR TECHNICAL
INFORMATION

STRUCTURAL REPAIR V/O

Below are examples of Cemix Structural Repair V/O at work. Water leaking from the roof has travelled down through the concrete pillars in the basement and caused corrosion of the steel forcing the surrounding concrete to crack and crumble.

After shot blasting the steel and then coating it with a protective Multibond / Cement slurry, Structural Repair V/O was hand placed to repair the structure. A multi bond primer was used between the substrate and the VO.



STRUCTURAL REPAIR H

Below is an example of Cemix Structural Repair H at work. This is a concrete bund designed to control the flow of water down this access way into the bus terminal. It was open to traffic (80 buses every morning and afternoon) 7 days after placing Structural Repair H.

Note that all of our structural repair mortars contain an integral crystalline concrete durability enhancer & waterproofing admixture, which further protects & waterproofs the mortar in-depth by making it completely impermeable to water borne aggressors such as chloride ions. This admixture permanently protects the mortar & imbedded structural steel from long term corrosion & deterioration.



CEMSCREED40



CEMSCREED40 IS A HIGH STRENGTH FLOOR SCREED, PAVING AND TOPPING FOR 10 - 50MM APPLICATIONS.

- TOPPINGS & SCREEDS ON CONCRETE SLABS
- FLOOR PREPARATION SCREEDS
- SHOWER AND BATH BASES
- PAVING BEDDING

COST EFFECTIVE
AND GOOD
COMPRESSIVE
STRENGTH

BITUPATCH



READY TO USE, NO MIXING REQUIRED BITUMEN COLD MIX ASPHALT FOR THE REPAIR OF POTHoles IN ROADS, DRIVEWAYS AND PATHS.

- POTHoles IN ASPHALT
- REPAIRS DETERIORATING ASPHALT
- SPEED HUMPS & RAMPS
- WATER CHANNELS

THREE EASY
STEPS TO APPLY:
1. CLEAN
2. COMPACT
3. FILL

CEMGROUT GP



HIGH PERFORMANCE, GENERAL PURPOSE, HIGH FLOW, NON-SHRINK CEMENTITIOUS GROUT.

- HIGH FLOW
- HIGH STRENGTH
- SHRINKAGE COMPENSATION
- EXCELLENT SUBSTRATE ADHESION
- EXCELLENT DURABILITY

VERSATILE 7MM
TO HIGH-BUILD
APPLICATION
DEPTHS