

ICEMCRETE[®]

Manufacturers of Distinctive Decorative Coatings

SPECIALISED BUILDING PRODUCTS

A variety of products for building needs

EIFS BASECOAT

EIFS BaseCoat is a special mixture of various admixtures and Ordinary Portland Cement for repair of concrete and masonry, adhering and surfacing of EIFS insulation boards prior to applying Cemcrete's decorative coatings.



COATING TO LEVEL,
REPAIR OR PREPARE
VERTICAL SURFACES

The colours depicted are a guide only and Cemcrete recommends choosing colours from an actual on-site sample. Different sealing methods might also affect the final colour.

BENEFITS

- Can be used as a base coat for levelling, patching and filling masonry, concrete and plaster before painting
- Can be used as an adhesive for pasting insulation board (polystyrene) or feature segments onto the interior or exterior of buildings
- Can be used as a leveller and filler for masonry, concrete or plaster surfaces (not to be used on floors)

TOOLS NEEDED

Mechanical mixer
Steel trowel or 6 - 10mm notched trowel

SPECIFICATIONS

Suitable surfaces	Interior & exterior wall surfaces, including polystyrene and certain foams or such
Finish	Smooth
Thickness	2 - 6mm
Application	Trowel-on
Packaging	20kg bags
Coverage	Approximately 3 - 4m ² per 20kg if applied at 3 - 4mm thickness
Curing	Leave to dry for 48 hours
Colour/s	Grey

INTENDED FOR USE WITH

Glass Fibre Mesh (5 or 10mm) 1m widths up to 50m length

EIFS BASECOAT APPLICATIONS



ADHESIVE APPLICATION

Ideal for attaching polystyrene EIFS insulation boards or shaped architectural feature segments of polystyrene to the interior or exterior of buildings and the subsequent hard surfacing of the former to take paint or plaster.

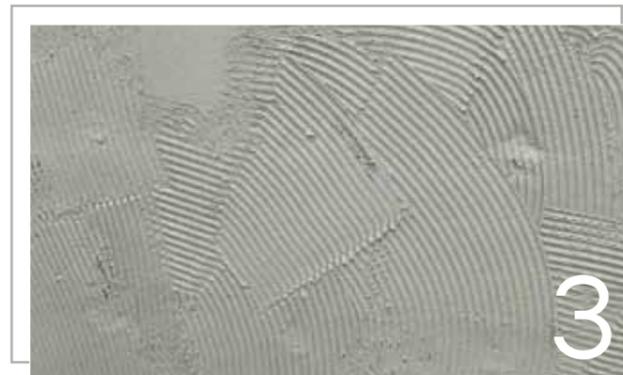
Apply the EIFS BaseCoat to the entire surface using a 6 - 10mm notched trowel. Press polystyrene EIFS insulation board firmly so as to flatten adhesive between substrate and board.



POLYSTYRENE OR FOAM APPLICATION

Ideal for coating polystyrene or foam and will harden the surface before applying paint or plaster.

Apply EIFS BaseCoat to a uniform thickness of about 2mm using a steel float. Immediately press fibre glass re-enforcing mesh into wet BaseCoat. Apply a second 2mm layer of EIFS BaseCoat and smooth the material with a trowel until the mesh is totally imbedded and the pattern of the mesh does not show through.



REPAIR MORTAR

Repair mortar for levelling, patching and filling masonry, concrete and plaster before painting, with or without a glass fibre reinforcing mesh. Not for floor repairs.

Apply to cleaned substrate to required thickness of no more than 6mm per coat using a steel trowel making sure material is to correct level.

EXTERIOR CRACK FILLER

Tough waterproof crack filler

A very tough waterproof filler based on special thermoplastic resins and fillers. Softens slightly with increases of temperature, thereby relaxing the tension in the crack.

BENEFITS

- Adheres to cement plaster, gypsum plaster and timber
- Tough & waterproof
- Ready to use

SPECIFICATIONS

Suitable surfaces	Fills cracks, gaps around doors, window frames, light switches, knot holes, wood grain, nail holes etc. Adheres to cement plaster, gypsum plaster and timber
Finish	Smooth
Thickness	1 - 10mm
Application	Trowel-on
Packaging	1, 5 & 7.5kg containers
Coverage	Depends on width and depth of joint Average 5m ² per kg
Curing	12 hours
Colour/s	White

TOOLS NEEDED

Paint scraper
Putty knife
Trowel
Sandpaper



Surfaces to be filled must be clean, hard and dry

1



Fill cracks and holes using a paint scraper, putty knife or trowel

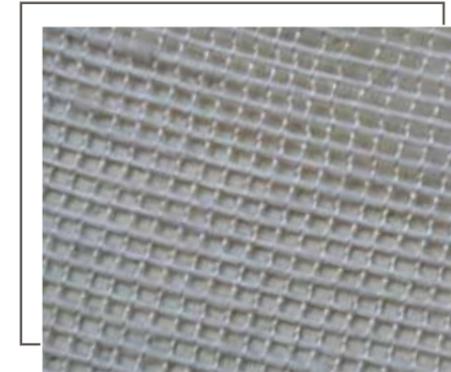
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Allow to dry and harden for two hours & sandpaper level

3

MEMBRANES



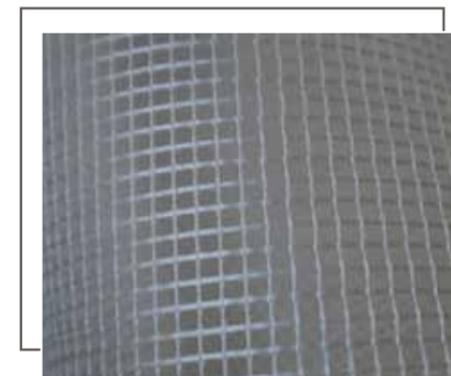
CEMFORCE

- Open-textured reinforcing 4mm x 4mm mesh fabric, made of polypropylene strands and fibres.
- Designed for use with cement matrices, it is completely inert to the alkalinity of cement and has an extended fibrous interface area with which the cement matrix can interact and mechanically bond.
- The Cemcrete mixes are specially formulated to form part of the CemForce, similar to fibre glass and resin.
- Available in 1m widths and any length.



CEMLAM

- Lightly woven polypropylene tape with a 4mm x 4mm mesh fabric made of polypropylene strands and fibres, laminated by hot extrusion to form a tough, waterproof substrate.
- It is totally resistant to the alkalinity of cement and offers extended fibrous interface on the strands with which the cement matrix can mechanically bond.
- The cement matrix is specially formulated to form part of the CemLam to act like fibre glass and resin.
- Available in 1.6m widths and any length.



GLASS FIBRE MESH

- A treated glass fibre mesh used exclusively with BaseCoat onto polystyrene surfaces as part of the Exterior Insulation Finishing System (EIFS).
- It is alkaline resistant and improves impact resistance and firmness in conjunction with thin skim plasters.
- Available in 1m widths and any length.
- Available in 5 or 10mm mesh gaps.



POLYPROPYLENE MEMBRANE

- A geotextile which has a random arrangement of fibres ensuring uniform strength and flexibility in all directions.
- It's alkali resistant properties enable it to be used in conjunction with Portland cement-based slurries in water containing structures to seal over cracks and joints.
- Used in conjunction with MatCrete to waterproof parapet walls and in conjunction with Permastop or FlexBond cement slurries for waterproofing reservoirs, etc.
- Available in m² or cut in 10m x 10cm, 10m x 20cm or 10m x 30cm strips.

FLEXBOND

Latex-based liquid admixture

FlexBond replaces some or all of the water in cement mixes to improve bond, waterproofing, flexural, tensile and abrasive strengths, adhesion, thin film hardness, weak acid resistance, adhesion to asphalt and reduces drying shrinkage. Can also be used to waterproof water-containing structures. Used in conjunction with textiles & membranes for cracks and joints in structures. Improves the adhesion of slush-coats for re-plastering pools, patching, repairing or application of screeds. Improves adhesion and waterproofing qualities of tile adhesive, tile grout and self-levelling floor screed. Used as an additive to PoolCrete to promote colour enhancement and resistance to pool chemicals.

BENEFITS

- Compatible with Portland cement, High Alumina cement, lime & sand
- Exceptional adhesion in cement mixes
- Non-flammable
- Unaffected by damp conditions; mixtures may be applied to damp surfaces
- Improves freeze/thaw resistance of cement mixes
- Improves chemical resistance
- Sold undiluted, therefore offering a more economical choice. Must be diluted before use

SPECIFICATIONS

Purpose	Replaces the water in cement mixtures
Application	Add to cement mixtures
Packaging	1, 5 & 20 litre containers
Coverage	Dependent on what it's mixed with See datasheet for more information
Curing	Needs to air cure for at least 12 hours when mixed with cement
Colour/s	Milky white liquid

Did you know

CemKey and FlexKey are diluted versions of CemBond and FlexBond respectively, and therefore do not require diluting before use.



CEMBOND

Polymer-based bonding liquid

To dispense with hacking when plastering, tiling or painting onto smooth or friable surfaces. It can be used as an adhesive, a bonding liquid for friable surfaces, as a primer for PVA and acrylic paints, as a cement additive to improve adhesion, mixed with cement as a crack filler and mixed with propriety crack fillers to limit ghosting of filled spots when over coating with paint. It can be used in plaster mixes to improve the strength and integrity of the plaster and is invaluable for improving the adhesion of cement-based decorative coatings to difficult surfaces.

BENEFITS

- Eliminates hacking
- Sold undiluted, therefore offering a more economical choice. Must be diluted before use
- Lime fast
- Compatible with cement, lime, sand & gypsum
- Dries translucent
- Adheres to concrete, brick, tiles, cement, plaster & stone
- Non-flammable

SPECIFICATIONS

Suitable surfaces	Dry stack brickwork, breeze blocks, stock and face bricks, concrete, hard, clean bag wash, scratch plaster, previously painted surfaces, tiles etc.
Application	Brush-on, sponge-on or roll-on
Packaging	1, 5 & 20 litre containers
Coverage	30m ² / litre of concentrated CemBond mixed 1:5 with water per coat, depending on surface porosity
Curing	Bonding time: ± 1 hour Initial set: ± 4 hours depending on weather Needs to air cure for at least 12 hours
Colour/s	Milky white liquid

CRETEBOND

UV stable admixture

CreteBond replaces some of the water in cement mixtures to improve adhesion, abrasion resistance, waterproofing and substrate permeability.

BENEFITS

- Promotes abrasion and chemical resistance of floors
- Promotes adhesion and waterproofing of ceramic tile adhesives & grouts
- Promotes adhesion, weatherability and waterproofing of cementitious coatings
- Promotes bonding and weatherability of repair mortars

SPECIFICATIONS

Purpose	Replaces the water in cement mixtures
Application	Add to cement mixtures
Packaging	1, 5 & 20 litre containers
Coverage	Dependent on what it's mixed with See datasheet for more information
Curing	24 hours
Colour/s	Milky white liquid

MORTAR MIX

Mortar Mix comprises of white cement, graded sand and additives to give high bond strength, waterproof joints and high-water retention for workability and plasticity.



WHITE & COLOURED MASONRY MORTAR

BENEFITS

- To give an attractive, waterproof joint for brick and blockwork
- Especially advantageous where consistency of colours, strength and quality are of importance
- Good water retention gives improved bond and bleeding characteristics
- Excellent water absorption qualities
- Can be manufactured to SABS class 1, 2 and 3 specifications and most colours as required

SPECIFICATIONS

Suitable surfaces	Joint for brick and blockwork
Finish	Smooth or textured
Thickness	10mm
Application	Brick trowel and pointing tool
Packaging	40kg bags
Coverage	For 10mm joints approximately 0.8 - 1m ² of 112mm brickwork per 40kg bag of Mortar Mix
Curing	Damp the wall surface with clean water during the day following placing for increased hardness, waterproofness and durability of the mortar joints
Colour/s	Available in 8 colours Custom colours can be made on request

Colours matched to complement



Mortar Mix White

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ANCHOR GROUT

Quick setting grout

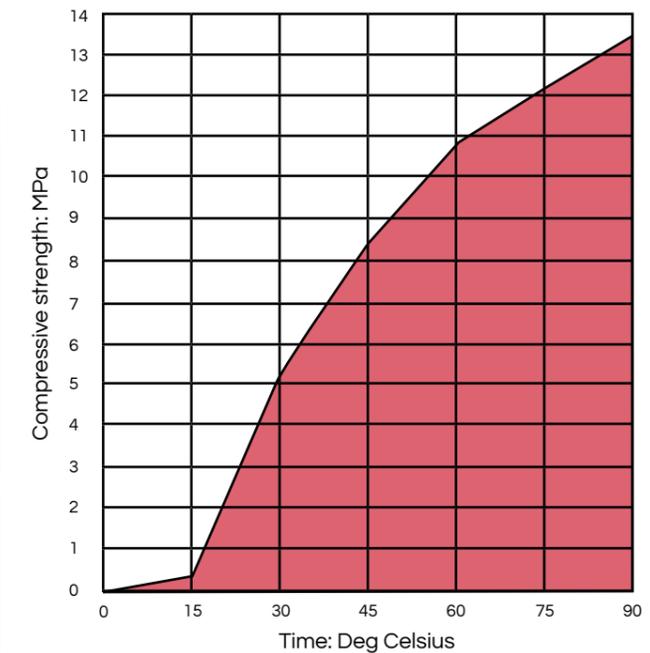
A high-speed grout for use underground in mines, bolt-holes or any area where quick setting and high early strength is of utmost importance.

BENEFITS

- Self-levelling properties for easy placing
- Quick setting
- Early strength – ready for normal loading in 90 minutes

SPECIFICATIONS

Suitable surfaces	Underground in mines, bolt-holes or any area where quick setting and high early strength is of utmost importance
Application	Pouring
Packaging	20kg bags
Curing	Ready for normal loading in 90 minutes from pouring 90 minutes - 13.5 MPa 1 day - 18.7 MPa 2 days - 23.1 MPa 7 days - 26.3 MPa 28 days - 28.3 MPa
Colour/s	Grey



WHITE CEMENT

White Portland cement

White cement is a hydraulic binder with physical characteristics corresponding to those of Portland grey cement. It is distinguished by its pure white colour. This whiteness is the result of nature, as well as the rigorous selection of raw materials used in manufacturing and a technologically advanced production process.

BENEFITS

- Well suited to use where appearance of cement is of prime importance

CONCRETE PRIMER



Modified liquid cement primer

To be used on wood floated (rough) and porous surfaces, ensuring a good bond onto the substrate. Dense, impervious surfaces should be ground to expose the surface pores and to create a relatively flat and level surface.

BENEFITS

- It is used to equalise suction by reducing substrate porosity
- Ensures a good bond onto the substrate being coated
- The base polymer is slowly biodegradable

SPECIFICATIONS

Suitable surfaces	Wood floated (rough) and porous floor surfaces
Application	Brush-on, sponge-on or roll-on
Packaging	Supplied in 1, 5 & 20 litre containers
Coverage	Varies depending on the surface porosity, but is approximately 5m ² per litre
Curing	Needs to air cure for at least 12 hours
Colour/s	Milky white liquid

SUPERSCREED

Thin high-strength screed

A 10 - 20mm high-strength, shrinkage compensated granolithic type screed mix.

BENEFITS

- Can be used where height restrictions don't allow for a standard screed
- Can be used in conjunction with Colour Hardener to achieve a coloured cement floor finish
- Can be used for rectifying imperfections in floor surfaces
- To provide a suitable surface for micro coatings, CreteCote, tiles, carpets and wooden flooring
- Supplied in a single bag (cement component bagged separately in the same bag)

SPECIFICATIONS

Suitable surfaces	New and old concrete surfaces that are at least 28 days old Appropriate surface preparation is essential
Finish	Steel trowel to a smooth finish Textured, stamped or rolled to obtain different tiled or paved effects
Thickness	10 - 20mm
Application	Wood float or steel trowel
Packaging	40kg bags
Coverage	Approximately 0.9m ² when applied at 10mm thick
Curing	Cure the floor with a fine mist spray for the next 3 days to ensure limited water loss Final cure after 28 days
Colour/s	One colour only - Grey

INTENDED FOR USE WITH
PrimerCote & FlexBond mix

TOOLS NEEDED

- Perforated stamper
- Screed board
- Wood float or plastic float
- Steel trowel
- Concrete edging tool and/or concrete jointing tool

SUPPORTING CEMCRETE PRODUCTS

- Colour Hardener
- CreteCote
- CreteStain

PRIMERCOTE

Tough adhesive for new screeds

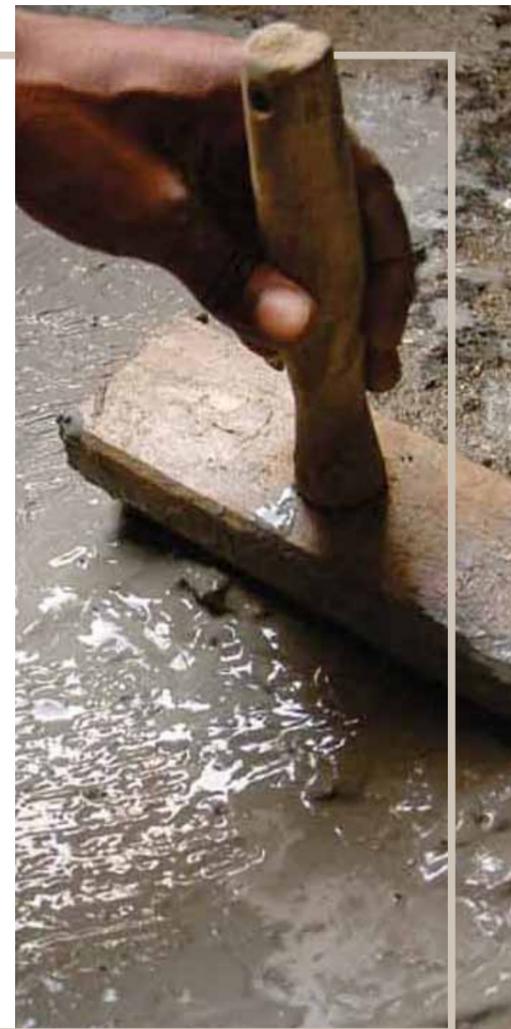
Specially designed textured substrate coating used in combination with Cemcrete's FlexBond to bond new screeds to existing surfaces.

BENEFITS

- No dilution required, but needs to be mixed with Cemcrete's FlexBond
- Will ensure screed adheres to substrate

SPECIFICATIONS

Suitable surfaces	Interior & exterior concrete surfaces
Thickness	Minimum thickness at application: 0.8 - 1mm as a slush coat Maximum thickness at application: 5mm as filler mixed to a paste consistency
Application	Brush-on
Packaging	5kg containers
Coverage	Approximately 10 - 15m ² per 5kg container Can vary depending on the porosity and texture of the surface
Curing	Initial set: 45 - 60 minutes depending on temperatures
Colour/s	Grey



CONCRETE HARDENER

Surface treatment for porous concrete

A clear ready-to-use liquid which, on being applied to the floor, is absorbed into the concrete pores and reacts with the calcium salts effectively making the concrete surface denser and considerably less porous.

BENEFITS

- This product is mineral based and thus unaffected by UV exposure
- Suitable for improving the quality of concrete floors in factories, warehouses and any other area where hard non-dusting floors are important
- For improving the hardness and denseness of concrete and reducing its permeability
- This cuts down dusting, improves resistance to staining from oils and other spillages and provides a harder wearing surface

SPECIFICATIONS

Suitable surfaces	Interior & exterior concrete floors
Finish	Densifies the substrate and restricts dusting; does not alter the appearance
Thickness	None
Application	Brush-on & roll-on
Packaging	5 & 25 litre containers
Coverage	Approximately 6m ² / litre/ coat Depends upon the suction and texture of the surface
Curing	Allow one day between coats Two coats are usually sufficient, but a third might be required if the concrete is very porous
Colour/s	Clear

FLOORSEAL STRIPPER

Liquid sealer stripper

Floorseal stripper is used to remove acrylic sealers, from decorative and or plain concrete floors, driveways and pathways.

BENEFITS

- Removes acrylic sealers

SPECIFICATIONS

Suitable surfaces	Concrete surfaces previously sealed with acrylic sealers
Finish	N/A
Thickness	N/A
Application	Large paint brush
Packaging	1 & 5 litre containers
Coverage	5 - 6m ² per litre per coat
Curing	N/A
Colour/s	Opaque

TOOLS NEEDED

Large paint brush

FLOOR LEVELLING COMPOUND

Thin self-levelling screed

A cement-based mixture having carefully controlled setting, hardening, adhesive and self-levelling qualities. It requires mixing with clean water only before being applied to concrete floors to produce a smooth, ridge-free layer that does not crack and is unaffected by rising damp.

BENEFITS

- It's an ideal levelling underlay for carpets, laminated wood, parquet, Novilon, and all tile types including carpet tiles
- To provide a smooth surface to floor screeds to take thermoplastic tiles, cork, parquet, carpets and linoleum

SPECIFICATIONS

Suitable surfaces	All floor screeds/slabs
Finish	Smooth
Thickness	2.5 - 4mm
Application	Pour & trowel
Packaging	20kg bags
Coverage	At an average thickness of 2.5mm, 20kg mixture should cover 4m ²
Curing	The screed will be ready to take the floor covering when it is hard and dry (4 - 12 hours)
Colour/s	Grey



RELEASE AGENT - PIGMENTED

Coloured powder release agent

To be used in conjunction with Colour Hardener to provide colour contrast and ensure that the mould releases cleanly when imprinting the surface of Colour Hardener. It may also be used in conjunction with DecoCrete, SatinCrete and CemPlaster when imprinting is done.

BENEFITS

- Ensures that the mould releases cleanly from the substrate

SPECIFICATIONS

Suitable surfaces	Colour Hardener, DecoCrete, SatinCrete and CemPlaster; use with imprinting mats
Application	Dry shake
Packaging	5 & 15kg containers
Coverage	Approximately 300g/m ²
Curing	After application Release Agent should be left on the imprinted surface for at least 72 hours to set. Thereafter rinse with clean water to remove excess material
Colour/s	Available in 9 colours



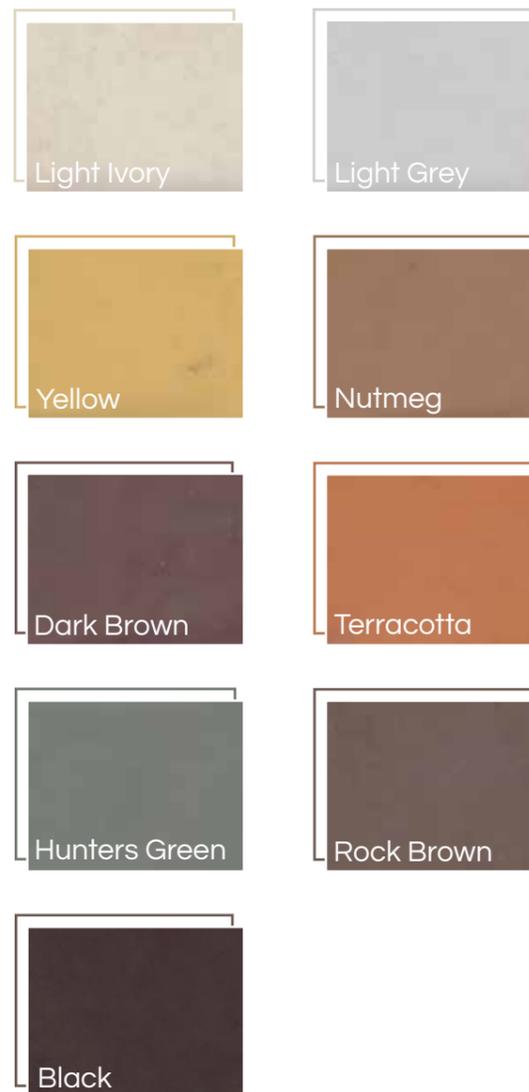
Dust Release Agent onto the imprint mat. This will ensure that the mat doesn't stick to the surface. Place the mat carefully onto the surface. Stamp the imprint mat to transfer the texture onto the surface.



Remove the imprint mat carefully. After 3 days wash surface to remove excess Release Agent.



Finished sealed floor - Colour Hardener Ochre imprinted with a slate texture.



COLOURCEM

Coloured cement pigment

A milled blend of white or grey Portland cement and selected compatible pigments. Strengths are like those of Portland cement, but if dark shades are required, up to 10% more ColourCem should be used for a given strength.

BENEFITS

- To achieve integrally coloured concrete, plaster, mortar or pre-cast concrete
- ColourCem is a quality product, but its proper use involves care and dedication on-site or in the precast factory

SPECIFICATIONS

Suitable applications	Countertop Mix, TexCrete, TexCrete Lite & SculptCrete Concrete blocks, concrete interlocking paving stones, paving slabs, terrazzo, coloured plaster, coloured mortar & pointing mortars
Application	Mix in with powder
Packaging	1 & 25kg containers
Coverage	Tests should be done to ensure desired results
Colour/s	Available in 14 colours



DIRECT-TO-METAL

New or weathered metal paint

Direct-to-Metal Primer & Topcoat is a high-performance metal primer & topcoat with anti-corrosive pigments that prevent the development of rust. Suitable for new or weathered metal, Cemcrete Direct-to-Metal Primer & Topcoat neutralises existing rust and prevents the formation of new rust while providing an attractive protective and decorative weatherproof finish.

BENEFITS

- Suitable for domestic, industrial and automotive uses, including priming of industrial steel framing, farm implements, tanks, roofs, handrails, window and door frames
- Anti-corrosive pigments that prevent development of rust
- Can be applied over existing rust
- Attractive finish and available in a range of colours
- One product that is used as the primer & top coat



SPECIFICATIONS

Suitable surfaces	Suitable for domestic, industrial and automotive uses, including priming of industrial steel framing, farm implements, tanks, roofs, handrails, window and door frames
Finish	Matt
Thickness	80 - 100 micron
Application	Brush-on, roll-on or spray-on
Packaging	5 & 20 litre containers
Coverage	8 - 10m ² per litre per coat. Applied in a 2 coat application Coverage will vary depending on the porosity of the surface
Curing	Recoating interval: 4 hours (48 hours if used as a primer for solvent-based top coat)
Colour/s	Available in 5 colours

TOOLS NEEDED

Brush/ roller/ spray canister

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CEMCRETE[®]

Manufacturers of Distinctive Decorative Coatings



Creating distinctive cement finishes
as *unique* as you are.