

EMER[®]

**From the repair to the top coat
and everything in-between.**



EMER

PATCH[™]

EMER

SEAL[®]

EMER

PROOF[®]

EMER

CLAD[®]



Emer offers complete concrete repair, waterproofing, decorative and protective coating system solutions for commercial and residential use. Emer – proudly protecting buildings for over 50 years.



EMER

PATCH™

EMER

SEAL®

EMER

PROOF®

EMER

CLAD®

Balconies / Exposed Roof / Podium Decks

- Emer-Patch**
- Horizontal Quick Set
- Emer-Seal**
- Paintable FC
- Emer-Proof**
- Silane Sealer
 - Vapour Control
 - Quick Dry
 - Advanced
 - Top Coat

Exposed Roofs

Facades

- Emer-Patch**
- High Build Repair
 - Repair 40
 - Skim Coat
- Emer-Seal**
- Paintable FC
- Emer-Clad**
- Facade
- Emer-Proof**
- Silane Sealer

Balconies Overhead Podium Decks

Roof Gardens

Garden Retaining Walls

Basement Walls

Overhead

- Emer-Patch**
- High Build Repair
 - Repair 40
 - Skim Coat
- Emer-Seal**
- Paintable FC
- Emer-Clad**
- Facade

Basement Walls

- Emer-Proof**
- Vapour Control

Roof Gardens / Garden Retaining Walls

- Emer-Proof**
- Landscape
- Emer-Proof**
- Quick Dry

THE EMER COMPLETE SYSTEM SOLUTION

PATCH

SEAL

PRIME

COAT

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Emer-Patch Primer HAR

- ✓ High grab and high bond strength.
- ✓ Improves build thickness of Emer-Patch repair mortars.



Emer-Patch Repair 40

- ✓ Medium weight concrete patch repair mortar.
- ✓ Up to 40mm thick on vertical surfaces.
- ✓ For vertical and overhead 30 – 45 MPa concrete repairs.
- ✓ Available in a weatherproof bag.



Emer-Patch High Build Repair

Previously known as Emer-Clad Preparation Patch Repair.

- ✓ High build concrete patch repair mortar.
- ✓ Up to 100mm thick on vertical surfaces.
- ✓ For vertical and overhead 30 – 50 MPa strength concrete repairs.
- ✓ Available in a weatherproof bag.



Emer-Patch Skim Coat

Previously known as Emer-Clad Preparation Skim Coat.

- ✓ Cementitious fairing coat.
- ✓ Covers surface imperfections and infills 0 – 3mm thickness.
- ✓ Excellent bond to concrete substrates.
- ✓ Available in a weatherproof bag.



Emer-Patch Horizontal Quick Set

- ✓ Floor, pavement and joint edge concrete repair mortar.
- ✓ Excellent bond to concrete substrate.
- ✓ Fast setting – trafficable within 1 – 2 hours.
- ✓ Available in a weatherproof bag.

SEALANTS

Emer-Seal Paintable FC

For use on concrete, brick, blockwork and most building materials such as timber, metals and ceramics.

- ✓ Primerless adhesion
- ✓ Non-staining
- ✓ Trafficable
- ✓ Excellent long term colour retention



Emer-Seal Paintable FC

- ✓ White colour ideal for joints in vertical surfaces.

WHITE

Emer-Seal Paintable FC

- ✓ Grey colour ideal for joints in horizontal concrete surfaces.

GREY



Image is a representation of the types of projects that these products can be used for.

Always refer to the packaging and TDS for application and other important information. TDS's are available from emer.com.au



Emer-Proof Primer Porous

- ✓ Water based primer for porous surfaces such as brick, masonry, fibre cement and concrete.
- ✓ Quick drying and low VOC of 22 g/L.
- ✓ Primer for Emer-Proof Quick Dry and Emer-Proof Advanced.

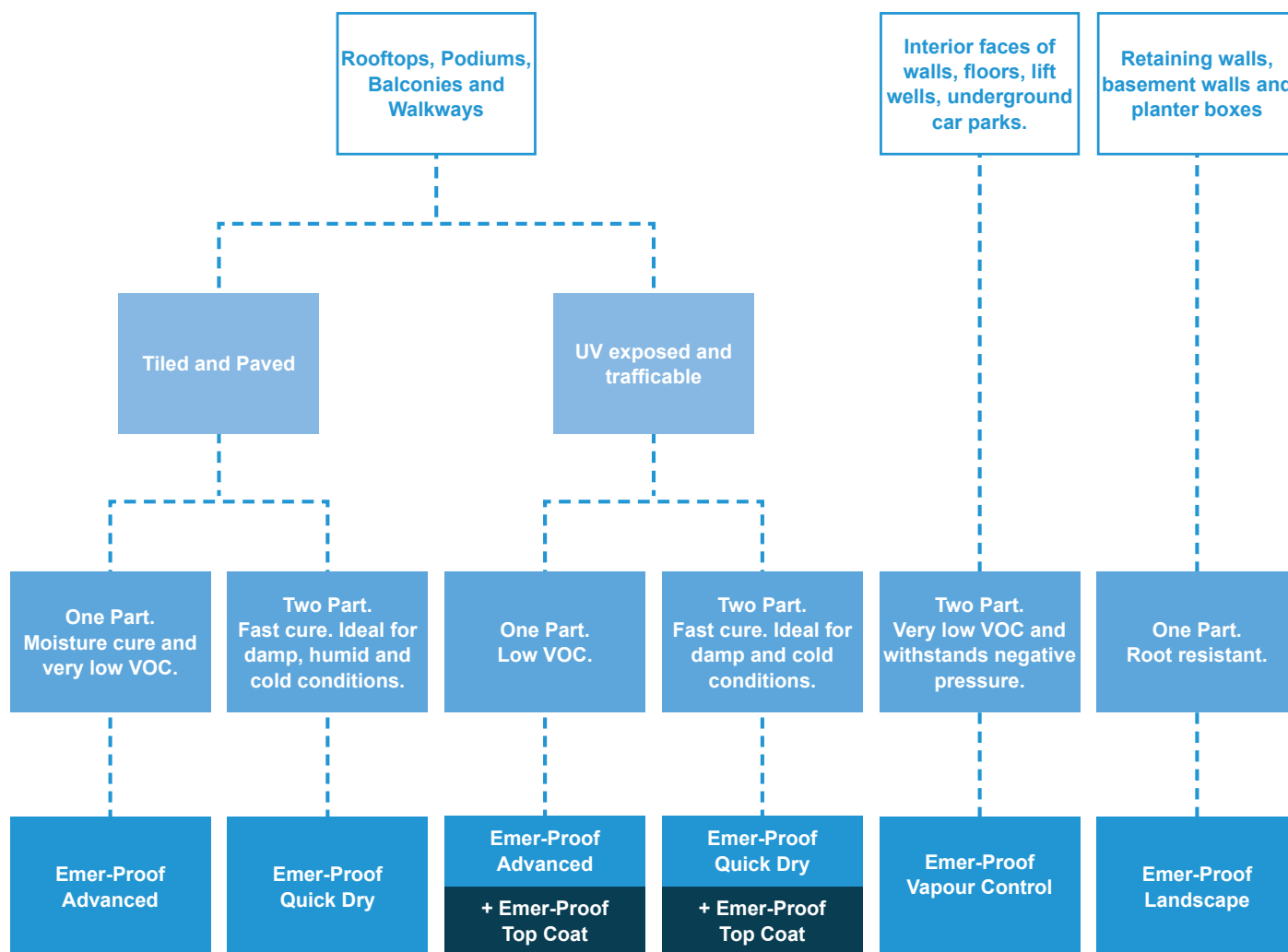


Emer-Proof Primer Non-Porous

- ✓ Water based primer with adhesion enhancing properties for use on metallic, smooth dense and non-porous surfaces including painted surfaces, PVC and compressed fibre cement.
- ✓ Quick drying and low VOC of 22 g/L.
- ✓ Primer for Emer-Proof Quick Dry and Emer-Proof Advanced.

Where to use Emer-Proof Primers

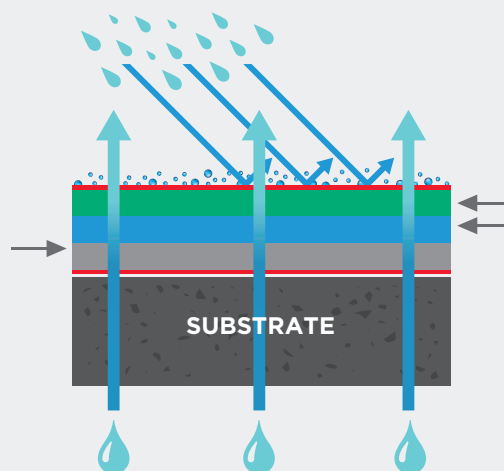
SUBSTRATE	PRIMER POROUS	PRIMER NON-POROUS
Dry porous concrete / masonry / bricks	✓	
Sound painted dry concrete / masonry		✓
Dense concrete		✓
Cement render	✓	
Colourbond & zincalume		✓
PVC plastic		✓
Compressed fibre cement sheet (CFC) & Scyon flooring		✓
Unsealed fibre cement sheet (cement sheeting)	✓	
Glazed tiles		✓
Wet area plasterboard	✓	
Unsealed timber & plywood	✓	
Aluminium		✓



How the Emer-Proof System Works

Emer-Proof Vapour Control is used as a prime coat to restrict/slow the passage of moisture through the wall. It stops liquid water and allows moisture vapour to permeate through the coating*.

If there is no moisture coming through the substrate, prime surface with Emer-Proof Primer Porous or Non-Porous.



Emer-Proof Advanced or Quick Dry plus Top Coat (optional) – stops water coming in contact with the substrate and provides a waterproof coating.

* Note: Emer-Proof Vapour Control has a vapour transmission rate sufficient to stop liquid water but allows the passage of some moisture vapour. Emer-Proof Advanced and Quick Dry have relatively low vapour transmission rates, therefore if there is too much constant vapour/liquid water coming from the substrate they will not allow the vapour through fast enough, and in turn the vapour pressure will blister these membrane coatings. Emer-Proof Vapour Control slows the process by holding back the rate of transmission providing it is well bonded and can take the pressure, and allowing the vapour pressure to ease through the membrane. This system may not be suitable for when the substrate is either saturated surface dry (SSD) or moderately high in moisture content. It is recommended to always receive advice from a professional waterproofing specialist before selecting and applying Emer-Proof products.

Where to use Emer-Proof Waterproofing

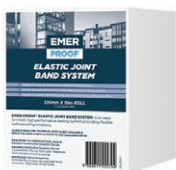
TYPICAL APPLICATION	EMER PROOF LANDSCAPE	EMER PROOF QUICK DRY	EMER PROOF VAPOUR CONTROL	EMER PROOF ADVANCED	EMER PROOF TOP COAT
External above ground applications					
Balconies – exposed (trafficable*)		✓		✓	✓
Balconies – tiled or paved		✓		✓	
Deck areas – exposed (trafficable)		✓		✓	✓
Deck areas – tiled or paved		✓		✓	
Podium decks – exposed (trafficable)		✓		✓	✓
Podium decks – tiled or paved		✓		✓	
Rooftops – exposed (trafficable)		✓		✓	✓
Rooftops – tiled or paved		✓		✓	
Terraces – exposed (trafficable)		✓		✓	
Terraces – tiled or paved		✓		✓	✓
External below ground applications					
Foundations	✓	✓			
Green roofs		✓			
Landscaping – planter boxes or garden beds	✓	✓			
Retaining walls	✓	✓			
Remedial applications					
Retaining walls external face (negative pressure)			✓		
Internal basement walls (negative pressure)			✓		
Internal wet area waterproofing					
Bathrooms		✓		✓	

*Foot traffic

ELASTIC JOINT BAND SYSTEM

EMER

PROOF®



**Emer-Proof
Joint Sealing
Tape**



**Emer-Proof
Butyl Rubber
Floor Waste
Detailing Collar**



**Emer-Proof
EJB Inside
Corner**



**Emer-Proof
EJB Outside
Corner**

A seamless high strength elastic seal system designed to embed into Emer-Proof water-based liquid membranes.

Emer-Proof Joint Sealing Tape

- ✓ A nitrile butadiene rubber flexible bond breaking tape with polyester fabric carrier surface and edge.
- ✓ For waterproofing critical movement zones/joints and small expansion joint areas up to 25mm.
- ✓ 120mm wide x 10m rolls.

Emer-Proof Butyl Rubber Floor Waste Detailing Collar

- ✓ A fleece fabric square with a rear butyl rubber layer.
- ✓ Enables direct adhesion to non-porous surfaces.
- ✓ Provides a waterproof layer that is rupture resistant, forming an immediate seal, without requiring drying time to be effective.

Emer-Proof EJB Corners:

- ✓ 270° external, 90° internal and adjustable internal corners.
- ✓ Pre-fabricated corner sections perform as an integral part of the waterproofing system bond breaker, used in conjunction with the Emer-Proof Joint Sealing Tape.

✓ **Easier
to apply**



Emer-Proof Vapour Control

Two-part moisture barrier vapour control coating.

- ✓ Prevents passage of dampness through concrete and masonry substrates.
- ✓ Can be used as a stand alone coating, or as a primer under Emer-Proof Advanced or Emer-Proof Quick Dry.
- ✓ Used on interior faces of walls, floors, basements, cellars, retaining walls and lift pits.
- ✓ Anti-microbial formula.
- ✓ Compatible with damp substrates.
- ✓ Excellent adhesion to brick, concrete, masonry, fibre board, stone and timber.

Note: New formula is not compatible with old formula



Emer-Proof Quick Dry

Flexible two-part cementitious waterproofing membrane.

- ✓ Use for exposed areas when overcoated with Emer-Proof Top Coat or Emer-Clad Facade including roof tops, balcony decks and walkways.
- ✓ Suitable for under tile or toppings applications.
- ✓ Suitable for covered waterproofing applications including podiums, terraces, balconies, and deck areas.
- ✓ Wet areas – Class II Membrane System, handles ponding and permanently wet areas.
- ✓ Fast drying – recoat 2-4 hours, dry film 5-7 hours.
- ✓ Ideal for use in damp, cold weather or humid conditions.



Emer-Proof Advanced

Flexible one-part waterproofing membrane.

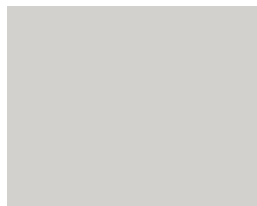
- ✓ Use for exposed areas when overcoated with Emer-Proof Top Coat or Emer-Clad Facade including roof tops, balcony decks and walkways.
- ✓ Suitable for under tile or toppings applications.
- ✓ Suitable for covered waterproofing applications including podiums, terraces, balconies, and deck areas.
- ✓ Wet areas – Class III Membrane System, handles ponding and permanently wet areas.
- ✓ Dry time – recoat 4 hours, dry film 12 hours.



Emer-Proof Top Coat

Water based acrylic-hybrid hard wearing top coat.

- ✓ For external applications on exposed horizontal surfaces including for roofs and deck areas.
- ✓ Excellent adhesion properties.
- ✓ Excellent UV resistance.
- ✓ Provides slip resistance without slip resistant additives.
- ✓ Matt finish.
- ✓ Pale grey colour.



Pale Grey

Colour shown is as close as possible to actual colour. Please note due to limitations of the printing process, photographic and printed colour may not represent the true colour of the product.

Slip Rating to AS 4586-2013

PRIMER	MEMBRANE	TOP COAT	CLASS - DRY FLOOR*	CLASS - WET PENDULUM*
Emer-Proof Primer Porous	Emer-Proof Quick Dry	Emer-Proof Top Coat	D1	P5
Emer-Proof Primer Porous	Emer-Proof Advanced	Emer-Proof Top Coat	D1	P5

Slip Resistance Classification of New Pedestrian Surface Materials

* AS 4586-2013 Appendix B (Dry Floor Friction Test) . This report replaces report R16828a.

** AS 4586-2013 Appendix A (Wet Pendulum Test) . This replaces report R16828a .



Emer-Proof Landscape

Water based bituminous rubberised waterproofing membrane.

- ✓ Use for waterproofing retaining walls, planter boxes, building foundation walls and other below ground applications.
- ✓ Contains root penetration inhibitors.
- ✓ Suitable for both commercial and residential applications.
- ✓ Ideal for where soil is permanently against a structure.
- ✓ Self-priming on most common surfaces.



Image is a representation of the types of projects that these products can be used for.



Emer-Proof Silane Sealer

- ✓ Suitable for the protection of masonry, concrete, grout, bricks, sandstone and porous tiles*.
- ✓ Excellent water repelling properties.
- ✓ Can be used on all types of new and existing structures including those in coastal environments.
- ✓ Allows water vapour to escape from the structure.
- ✓ Also used for sealing external grout and tile beds.

* Test absorption of tiles before applying to entire area as Emer-Proof Silane Sealer may leave a residue if applied excessively





Emer-Clad Water Based Primer

- ✓ Suitable for a wide range of porous surfaces such as fibre cement, concrete, brick and masonry.
- ✓ Seals and conditions surface.
- ✓ Quick drying and low VOC of 13.8 g/L.
- ✓ Free of hazardous odours.



Emer-Clad Solvent Based Primer

- ✓ Provides excellent penetrating properties on porous substrates.
- ✓ Suitable for aged and weathered paintwork.
- ✓ Ideal for flaky masonry substrates.
- ✓ Quick drying.
- ✓ Recoat 2 hours.



Emer-Clad High Bond Primer

Previously known as Emer-Clad Primer NP Non Porous

- ✓ Water based primer for non porous surfaces such as galvanised iron, zincalume, steel and PVC.
- ✓ Low VOC of 27 g/L and quick drying.
- ✓ Provides protection against corrosion.

Where to use Emer-Clad Primers

SUBSTRATE	WATER BASED PRIMER	SOLVENT BASED PRIMER	HIGH BOND PRIMER
Dry concrete, masonry, brick & cement blocks	✓	✓	
Sound painted dry concrete & masonry	✓	✓	
Flaky or powdery painted dry concrete & masonry*		✓	
Galvanised iron, Zincalume & Colorbond			✓
Pre-packaged render	✓		
Cement render	✓	✓	
PVC plastic			✓
Fibro cement sheeting (including Blueboard & Scyon Cladding)	✓	✓	
Fibreglass			✓
Timber & plywood	✓		
Prepared (clean) aluminium			✓
Substrate with bituminous membrane			✓

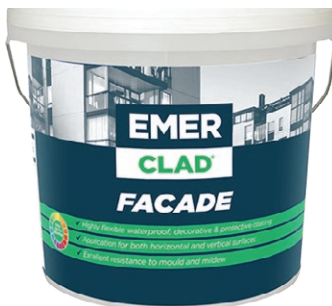
* Remove any unsound coating prior to priming



Emer-Clad Fabric Reinforcing Tape

- ✓ For reinforcement where Emer-Clad Facade is applied over movement joints/cracks or at floor to wall junctions.
- ✓ Allows for bridging of the crack/joint to help the Emer-Clad accommodate future movement.
- ✓ Apply into the first coat of Emer-Clad and then cover with 2 further coats.
- ✓ 2 sizes: 100mm and 1.2m.

Note: Emer-Clad Fabric Reinforcing Tape must extend at least 50 mm either side of the joint.



Emer-Clad Facade

Water based, waterproofing decorative and protective membrane facade coating.

- ✓ Highly flexible - accommodates movement of pre-existing cracks of up to 1mm.
- ✓ Excellent resistance to aggressive elements: UV, weathering, chloride ion and carbonation attack.
- ✓ Inhibits the growth of mould and mildew.
- ✓ Can be applied to a wide range of substrates: concrete, render, masonry, fibrous cement products, metals and timber.
- ✓ Available in matt and satin finish.

PROPERTIES	EMER-CLAD MATT	EMER-CLAD SATIN
Recommended wet film per coat (microns)	250	250
Recommended dry film per coat (microns)	125	125
Coverage rate	4m ² /L	4m ² /L
Recoat time	2 hrs	2 hrs
Volume solids	53%	45%
VOC content (untinted)	59g/L	55g/L

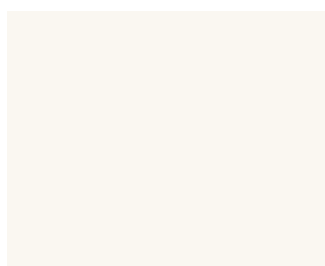


Emer-Clad Facade can be tinted to any Dulux® colour from the following bases:

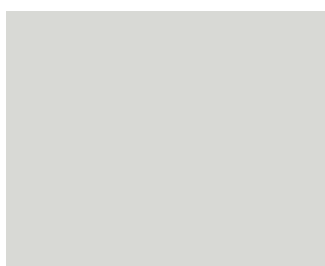
- White
- Deep Base
- Ultra Deep Base
- Extra Bright Base

Plus all the original Emer-Clad colours.

ORIGINAL EMER-CLAD COLOURS



CALSIL WHITE



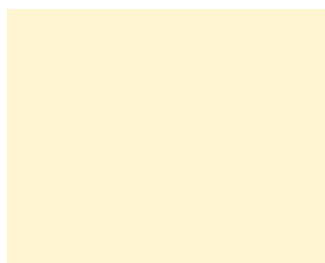
LIGHT GREY



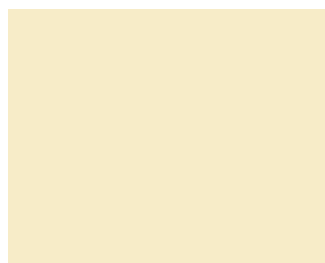
MID GREY



LIGHT GREEN



SANDSTONE



JASMINE



CREAM



CUMBERLAND STONE

*Colours shown are as close as possible to actual colours. Please note due to limitations of the printing process, photographic and printed images may not represent the true colour.

Emer-Clad Facade reduces the impact of weathering, ultra-violet, CO₂ and chloride ion damage whilst allowing the substrate to breathe. Emer-Clad Facade conforms with the 4 key properties of AS 4548.5

	1. Water transmission:	3g/48hr/m ² /kPa	3g/48hr/m ² /kPa
	2. Vapour transmission rate of composite:	42g/m ² /24hr	32.2g/m ² /24hr
	3. Carbon dioxide diffusion resistance - equivalent thickness of air (R):	255m	281m
	4. Chloride ion diffusion resistance (m ² /sec):	2 x 10 ⁻¹²	1 x 10 ⁻¹²
	Equivalent thickness of 30MPa concrete cover (Sc):	640mm	700mm

EMER

PATCH™

EMER

SEAL®

EMER

PROOF®

EMER

CLAD®

THE EMER RANGE

Code	Product	Size	Barcode
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EMER PATCH

FE400125-18KG	Emer-Patch High Build Repair	18KG	9300611619228
FE400130-9.5KG	Emer-Patch Skim Coat	9.5KG	9300611619464
FE400100-5L	Emer-Patch Primer HAR	5L	9300611617279
FE400120-18KG	Emer-Patch Repair 40	18KG	9300611617286
FE400140-18KG	Emer-Patch Horizontal Quick Set	18KG	9300611617293

EMER SEAL

FE320603-600ML	Emer-Seal Paintable Grey FC (Fast Curing)	600ML	9300611608840
FE320604-600ML	Emer-Seal Paintable White FC (Fast Curing)	600ML	9300611614094

EMER PROOF

FC001079-4L	Emer-Proof Primer Non Porous	4L	9300611573520
FC000581-4L	Emer-Proof Primer Porous	4L	9300611548504
FC000581-15L	Emer-Proof Primer Porous	15L	9300611548511
FC043129-UNIT	Emer-Proof EJB Butyl Square Floor Waste Detailing Collar	N/A	9330221153409
FC043270-UNIT	Emer-Proof EJB Inside Corner	N/A	9330221152716
FC043275-UNIT	Emer-Proof EJB Outside Corner	N/A	9330221152709
FC000691-UNIT	Emer-Proof Joint Sealing Tape	120MM x 10M	9300611555724
FE200120-10L	Emer-Proof Vapour Control Part A	10L	9300611622815
FE200121-10L	Emer-Proof Vapour Control Part B	10L	9300611622808
FC000584-12.5L	Emer-Proof Quick Dry Part A	12.5L	9300611549419
FC000585-12.5KG	Emer-Proof Quick Dry Part B	12.5KG	9300611549426
FC043117-15L	Emer-Proof Advanced	15L	9330221153492
FC000850-15L	Emer-Proof Top Coat	15L	9300611564351
FC000988-15L	Emer-Proof Landscape	15L	9300611569370
FE200100-15L	Emer-Proof Silane Sealer	15L	9300611616227

EMER CLAD

FE100220-4L	Emer-Clad High Bond Primer	4L	9300611619457
FC061791-4L	Emer-Clad Solvent Based Primer	4L	9300611589514
FC061791-20L	Emer-Clad Solvent Based Primer	20L	9300611583321
FC061785-15L	Emer-Clad Water Based Primer	15L	9330221149297
FC000685-15L	Emer-Clad Facade Matt Deep	15L	9300611554376
FC061723-15L	Emer-Clad Facade Matt Light Gry	15L	9330221149457
FC061724-15L	Emer-Clad Facade Matt Mid Gry	15L	9330221149440
FC000686-15L	Emer-Clad Facade Matt Ultra Deep	15L	9300611554383
FE100100-15L	Emer-Clad Facade Matt White	15L	9300611599377
FC000687-15L	Emer-Clad Facade Matt Extra Bright	15L	9300611554390
FC000681-15L	Emer-Clad Facade Satin Deep	15L	9300611554352
FC061703-15L	Emer-Clad Facade Satin Light Gry	15L	9330221149570
FC061704-15L	Emer-Clad Facade Satin Mid Gry	15L	9330221149563
FC000682-15L	Emer-Clad Facade Satin Ultra Deep	15L	9300611554338
FE100200-15L	Emer-Clad Facade Satin White	15L	9300611599384
FC000683-15L	Emer-Clad Facade Satin Extra Bright	15L	9300611554345
FC000937-UNIT	Emer-Clad Reinforcement Tape	100MM x 50M	9300611567840
FC000940-UNIT	Emer-Clad Reinforcement Tape	1.2M x 100M	9300611567871

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