



**NIPPON
PAINT**



FLOOR-PRO

Product Catalogue

For Floor Coatings

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FLOOR-PRO Primer

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- FLOOR-PRO 102 WB EPOXY PRIMER RED
- FLOOR-PRO 103 WB CONDUCTIVE EPOXY PRIMER
- FLOOR-PRO 104 AQUA EPOXY PRIMER
- FLOOR-PRO 105 WATER DISPERSION PRIMER
- FLOOR-PRO 106 SF EPOXY PRIMER
- FLOOR-PRO 107 SF DAMP-PROOF EPOXY PRIMER
- FLOOR-PRO 108 SF UNIVERSAL PRIMER
- FLOOR-PRO 109 SB EPOXY PRIMER
- FLOOR-PRO 110 SF FLEXIBLE PU PRIMER
- FLOOR-PRO 111 WB APCC PRIMER
- FLOOR-PRO 112 SF RAPID CURE EPOXY FLAKE PRIMER

FLOOR-PRO 101 WB EPOXY PRIMER OFF WHITE

A two-component water dispersed primer based on epoxy resin and polyamide hardener.

FEATURES

- Extremely good adhesion on concrete surfaces and most substrates
- Less sensitive and tolerant with moisture when during application
- Environmentally friendly solvent-free product with zero VOC
- Easy to apply

APPLICATION AREAS

- New and hardened concrete substrate
- As a primer for epoxy and polyurethane floor coating

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	150 ± 20µm DFT per coat
Theoretical Coverage	0.2kg/m ² /coat
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (10kg)	7.5	2.5

FLOOR-PRO 102 WB EPOXY PRIMER RED

A two-component water dispersed primer based on epoxy resin and polyamide hardener.

FEATURES

- Extremely good adhesion on concrete surfaces and most substrates
- Less sensitive and tolerant with moisture when during application
- Environmentally friendly solvent-free product with zero VOC
- Easy to apply

APPLICATION AREAS

- New and hardened concrete substrate
- As a primer for epoxy and polyurethane floor coating

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	150 ± 20µm DFT per coat
Theoretical Coverage	0.2kg/m ² /coat
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (10kg)	7.5	2.5

FLOOR-PRO 103 WB CONDUCTIVE EPOXY PRIMER

A two-component water-based conductive primer based on epoxy resin and polyamide hardener.

FEATURES

- Extremely good adhesion on concrete surfaces and most substrates
- Less sensitive to moisture during application
- Environmentally friendly, zero VOC
- Solvent-free, odourless
- Easy to apply
- Extremely conductive properties

APPLICATION AREAS

- Ideal for wall and floor joint
- As a primer for FLOOR-PRO 312 SF ESD EPOXY FINISH, FLOOR-PRO 316 SL ESD EPOXY FINISH and FLOOR-PRO 403 SL CONDUCTIVE PU SCREED

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	150 ± 20µm DFT per coat
Theoretical Coverage	0.12kg/m ² /coat (Diluted with 10% water by weight)
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4.2	0.8

DISCLAIMER

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FLOOR-PRO 104 AQUA EPOXY PRIMER

A two-component water-based modified amine cured epoxy primer. It is designed to penetrate and seal porous surfaces in concrete. It also provides good adhesion for subsequent topcoat. It is suitable for use as a tie coat between concrete substrate and water-based topcoat.

FEATURES

- Excellent adhesion on concrete surfaces
- Fast drying at ambient temperature
- Easy to apply
- Environmentally friendly
- Solvent-free
- Non-toxic, does not contain lead, mercury and heavy metals

APPLICATION AREAS

- Ideal as a primer coat, barrier coat or tie coat between any single-pack coatings, two-pack water-based topcoats
- For application on concrete floor and wall at food factories, laboratories, institutions and interior of buildings

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	60 ± 20µm DFT per coat
Theoretical Coverage	0.19L/m ² /coat
Recoating Time	Within 16-24 hrs @ 28°C
Pot Life (working time)	1 hr @ 28°C

PACKAGING

Components	PART A	PART B
Total (5L)	1	4

FLOOR-PRO 105 WATER DISPERSION PRIMER

A one-component rapid drying low VOC water-based acrylic primer with excellent penetration and adhesive strength on mineral substrate.

FEATURES

- Fast drying
- Seamless
- Excellent adhesion on various substrates
- Reinforce the substrate

APPLICATION AREAS

- Use over porous mineral substrates such as concrete, screed, render, brickwork, plaster boards, light-weight blocks
- Use as primer to optimise the adhesion of subsequent applied materials such as waterproofing, tile adhesive, levelling compound etc

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	50-100µm DFT per coat
Theoretical Coverage	0.15kg/m ² /coat
Recoating Time	Approximately 1 hr @ 28°C

PACKAGING

Total	5L
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FLOOR-PRO 106 SF EPOXY PRIMER

A two-component solvent-free low viscosity, 100% solid epoxy primer modified for excellent substrate wetting and penetration.

FEATURES

- Solvent-free
- Low viscosity for penetration
- Excellent wetting of substrate
- Excellent adhesion for overlayment

APPLICATION AREAS

- Ideal to be used on prepared concrete to seal the porosity and provide penetration to enhance adhesion for subsequent coating

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	60 ± 20µm DFT per coat
Theoretical Coverage	0.25kg/m ² /coat
Recoating Time	Minimum 12 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (11kg)	7	4

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FLOOR-PRO 107 SF DAMP-PROOF EPOXY PRIMER

A two-component fast cure, solvent-free damp proof epoxy primer with medium viscosity and excellent adhesion properties for damp concrete.

FEATURES

- Fast cure
- Excellent penetration into damp concrete to enhance adhesion
- Moisture tolerant during application
- Compatible with wide range of topcoat
- Low odour during application

APPLICATION AREAS

- Concrete substrate, membranes, mortar or topping, tiles

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	180 μ ± 30 μ m DFT per coat
Theoretical Coverage	0.2kg/m ² /coat
Recoating Time	Within 12-24 hrs @ 28°C
Pot Life (working time)	40 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (10kg)	7.5	2.5

FLOOR-PRO 108 SF UNIVERSAL PRIMER

A three-component, 100% solid solvent-free pigmented primer formulated with special grade epoxy binder with superior adhesion on mineral and organic substrate.

FEATURES

- Seamless
- Excellent adhesion on mineral substrate such as tiles, glass, etc
- Fast installation with low downtime

APPLICATION AREAS

- As a primer specially designed for organic and inorganic substrates such as concrete, tiles, glass etc

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	300 μ m DFT per coat
Theoretical Coverage	0.2-0.4kg/m ² /coat
Recoating Time	Within 3-48 hrs @ 28°C
Pot Life (working time)	25 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C
Total (5kg)	2.29	1.21	1.50

FLOOR-PRO 109 SB EPOXY PRIMER

A two-component solvent-based epoxy primer for concrete surfaces with excellent penetration, fast drying and sealing properties to provide excellent adhesion to concrete.

FEATURES

- Excellent penetration into concrete to avoid peeling
- Excellent adhesion strength
- Fast cure
- Long pot life
- Compatible with wide range of epoxy and polyurethane topcoat

APPLICATION AREAS

- As a curing compound for application on concrete to retard the escape of moisture during cure period
- Application prior to surfacing assures tight adhesion between concrete and surfaces

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	50 μ m DFT per coat
Theoretical Coverage	0.2L/m ² /coat
Recoating Time	Within 6 -18 hrs @ 28°C
Pot Life (working time)	1 hr @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (20L)	10	10

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FLOOR-PRO 110 SF FLEXIBLE PU PRIMER

A two-component solvent-free 100% solid primer. It is formulated with tough and flexible special grade polyurethane binder with superior adhesion on mineral and organic substrate.

FEATURES

- Seamless
- Excellent flexibility and toughness
- Good adhesion on various organic and mineral substrate
- Fast installation
- Many standard colours available

APPLICATION AREAS

- Use as a tough and durable water-tight primer with crack-bridging properties

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	200µm DFT per coat
Theoretical Coverage	0.25kg/m ² /coat
Recoating Time	Within 12-48 hrs @ 28°C
Pot Life (working time)	15-20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.19	1.81

FLOOR-PRO 111 WB APCC PRIMER

A one-component high grade latex bonding agent for cementitious flooring and mortar.

FEATURES

- Reduces shrinkages and cracks
- Improves adhesion and strength of cementitious mixes
- Low VOC

APPLICATION AREAS

- Bonding of new concrete to old concrete
- Repair of concrete/screed
- Filling injection grouts, tiling and setting mortars

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity (2 coats are strongly recommended)
Recommended Thickness	50-100µm DFT per coat
Theoretical Coverage	0.17L/m ² /coat
Recoating Time	Approximately 15 minutes

PACKAGING

Total	20L
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FLOOR-PRO 112 SF RAPID CURE EPOXY FLAKE PRIMER

A two-component solvent-free 100% solid primer, formulated with rapid cure epoxy binder with superior adhesion on mineral and organic substrate and concrete.

FEATURES

- Seamless
- Rapid cure with fast installation, can be overcoated after two hours
- Good adhesion on various organic and mineral substrate
- Solvent-free and low odour

APPLICATION AREAS

- Use as fast cure primer at fast pace projects with very short working window

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	100-200µm DFT per coat
Theoretical Coverage	0.20-0.30kg/m ² /coat
Recoating Time	Within 2-24 hrs @ 28°C
Pot Life (working time)	10-15 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.7kg	1.3kg

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FLOOR-PRO

Moisture Barrier/Mortar

- FLOOR-PRO 201 VAPOUR BARRIER
- FLOOR-PRO 202 SF EPOXY MORTAR
- FLOOR-PRO 203 SL EPOXY MOISTURE BARRIER

FLOOR-PRO 201 VAPOUR BARRIER

A two-component, water-based epoxy polyamide membrane/barrier coating that has been specifically designed for use in negative water pressure applications.

FEATURES

- Withstands 250kPa hydrostatic pressure (25 metre head of water) when primed, the cured membrane will withstand 400kPa pressure (40 metre head of water)
- Can be readily applied to damp surfaces (in saturated surface dry condition)
- Can be applied to freshly laid hardened (green) concrete
- No maximum recoating time required
- Versatile in use – can be overcoated using almost any decorative or industrial finishing paint
- Excellent adhesion to most substrate including brick, masonry, concrete, stone and timber
- Prevents rising damp and the formation of efflorescence
- Environmentally friendly – safe to use in sensitive locations (e.g. around food or habitable areas) and easy clean-up using water
- Non-flammable

APPLICATION AREAS

Recommended for use as a waterproof and vapour barrier in a wide spectrum of applications

Flooring Application

- As a low water vapour transmission coating and damp proof membrane to prevent rising damp in floors

As a primer/barrier cum sealing coat

- For waterproofing membranes onto damp substrates and as the waterproofing system under vinyl and other resilient floor finishes
- Over freshly laid, damp concrete or efflorescence producing concrete prior to over-coating with conventional building paints

As a waterproofing membrane

- To resist positive and negative hydrostatic pressure. Prevents water seepage or damp penetration through the interior of walls and floors, in below grade surfaces such as basements, tunnels, lift wells, retaining walls and car parks
- In tanking applications, including potable water containment

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	300µm DFT per coat
Theoretical Coverage	0.66L/m ² in 2 coats to achieve min DFT of 300 microns for it to function as an effective waterproofing membrane
Recoating Time	4 hrs @ 28°C
Pot Life (working time)	1 hr @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (20L)	10	10

FLOOR-PRO 202 SF EPOXY MORTAR

A three-component solvent-free anti-osmosis moisture barrier. It is formulated with epoxy resin filled with special filler applied between 3 mm to 10 mm thickness.

FEATURES

- Solvent-free, low odour
- Seamless and hygienic finish when sealed
- Low maintenance
- High impact resistance
- Heavy duty for traffic
- Excellent chemical resistance
- Excellent durability

APPLICATION AREAS

- Suitable for industrial floor, warehouse, chemical plants, manufacturing areas and car parks
- To provide a heavy duty flooring at areas exposed to heavy traffic, impact and chemical resistance

Note: A topcoat is required as the product is not intended for exposure to UV light or weathering

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	3-10 mm per coat
Theoretical Coverage	2.0kg/m ² /mm
Recoating Time	Minimum 12 hrs @ 28°C
Pot Life (working time)	45 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (AGGREGATE)
Total (50kg)	4	1	45

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FLOOR-PRO 203 SL EPOXY MOISTURE BARRIER

A three-component epoxy modified cementitious self-smoothing moisture barrier.

FEATURES

- Solvent-free, low odour
- Excellent mechanical strength and early strength
- Excellent flowability and self-smoothing
- Moisture tolerant during application
- Compatible with wide range of topcoats
- Excellent adhesion and easy to apply to sound prepared surfaces

APPLICATION AREAS

- As a moisture barrier applied between 2 to 4 mm thickness prior to epoxy, polyurethane or other floor coating
- Used for repairing, levelling or patching on unfinished concrete
- As underlayment for carpet, vinyl and tiles

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	2-4 mm per coat
Theoretical Coverage	2kg/m ² /mm
Recoating Time	Minimum 40 hrs @ 28°C
Pot Life (working time)	25 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (AGGREGATE)
Total (24kg)	3.5	1.5	19

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FLOOR-PRO

Epoxy Topcoat/Clear

- FLOOR-PRO 301 XHB GF EPOXY FINISH
- FLOOR-PRO 302 AQUA EPOXY FINISH
- FLOOR-PRO 303 WB EPOXY HD FINISH
- FLOOR-PRO 304 WB EPOXY-PU HYBRID CLEAR
- FLOOR-PRO 305 SF EPOXY FINISH
- FLOOR-PRO 306 SF TF EPOXY CLEAR
- FLOOR-PRO 307 SF EPOXY FINISH
- FLOOR-PRO 308 SF EPOXY CLEAR
- FLOOR-PRO 310 SF TF EPOXY FINISH
- FLOOR-PRO 311 SB EPOXY FINISH
- FLOOR-PRO 312 SF ESD EPOXY FINISH
- FLOOR-PRO 313 SF METALLIC EPOXY FINISH
- FLOOR-PRO 315 SL EPOXY FINISH
- FLOOR-PRO 316 SL ESD EPOXY FINISH
- FLOOR-PRO 317 SL NOVALAC EPOXY FINISH
- FLOOR-PRO 318 SF EPOXY ANTI-SLIP CLEAR
- FLOOR-PRO 319 SF RAPID CURE EPOXY ANTI-SLIP CLEAR
- FLOOR-PRO 320 SF SELF PRIMING EPOXY
- FLOOR-PRO 323 SF RAPID CURE EPOXY ANTI-SLIP FINISH
- FLOOR-PRO 324 SF EPOXY OP TEXTURE
- FLOOR-PRO 326 SF RAPID CURE EPOXY FLAKE FINISH
- FLOOR-PRO 327 SF EPOXY TERRAZZO
- FLOOR-PRO 328 SF DECORATIVE EPOXY FINISH

FLOOR-PRO 301 XHB GF EPOXY FINISH

A two-component high solid modified cycloaliphatic amine cured glass flake epoxy finish. It can be used on primed floor as a chemical, oil and abrasion resistant finishing coating.

FEATURES

- High compressive strength
- High wear, abrasion and impact resistance
- High acid and alkaline resistance
- Excellent water resistance
- Easy to clean and maintenance
- Easy to apply

APPLICATION AREAS

- Ideal for areas which require good chemical, abrasion and impact resistance such as industrial floor coatings for electronic communications, factories, laboratories, healthcare, petrochemicals, etc
- Ideal for areas which are subjected to high vehicular traffic and load such as carparks and transport hubs

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	150 ± 20µm DFT per coat
Theoretical Coverage	0.23kg/m ² /coat
Recoating Time	Minimum 8 hrs @ 28°C
Pot Life (working time)	1 hr @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.5	1.5

FLOOR-PRO 302 AQUA EPOXY FINISH

A two-component high performance water-based modified amine epoxy. It is designed for protection of the internal masonry surfaces such as cement or concrete floor or wall. It is recommended for internal use and in non-immersion services.

FEATURES

- Water-based
- Good abrasion resistance
- Tough finishing
- Easy to apply
- Non-toxic does not contain lead, mercury and heavy metals
- Environmentally friendly paint certified under Singapore Green Building Product Certification Scheme

APPLICATION AREAS

- Ideal for factories, canteen, electronics industries, pharmaceutical, offices and institutions
- For applications of internal masonry surfaces such as concrete wall or floor with appropriate primer

APPLICATION GUIDE

Number of Coats	2-3
Recommended Thickness	50 ± 10µm DFT per coat
Theoretical Coverage	0.12L/m ² /coat
Recoating Time	Minimum 16 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A	PART B
Total (5L)	1	4

DISCLAIMER

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FLOOR-PRO 303 WB EPOXY HD FINISH

A two-component, water-based epoxy coating with superior water vapour permeability with non out-gassing properties.

FEATURES

- Water-based, low odour
- Self-priming
- Moisture tolerant during application
- Extremely good adhesion on concrete
- Complied with HACCP requirement

APPLICATION AREAS

- Ideal to be used as wall, floor and steel surfaces coating for dust proofing protection
- Recommended for area that requires easy maintenance and good chemical resistance
- Suitable for use in food industrial, assembly plant, pharmaceutical, warehouses, car parks, clean room environment and light industrial areas

APPLICATION GUIDE

Number of Coats	2-3
Recommended Thickness	150µm DFT per coat
Theoretical Coverage	0.18kg/m ² /coat
Recoating Time	Within 14 to 18 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4	1

FLOOR-PRO 304 WB EPOXY-PU HYBRID CLEAR

A two-component water-based nano hybrid epoxy-PU clear for use as primer and finishing. It provides excellent adhesion and gives superior durability to most substrates. It also exhibits outstanding wear and chemical resistance properties.

FEATURES

- Water-based, low VOC, low odour, user friendly
- Extremely hard wearing
- Non-yellowing
- Excellent chemical resistance
- Excellent adhesion
- Moisture tolerant during application

APPLICATION AREAS

- Ideal to use as dust proofing coating in application areas such as electronics, car parks, food, pharmaceuticals, chemical productions and process areas
- Applied as a protective clear coat on old painted substrate to restore the original look

APPLICATION GUIDE

Number of Coats	2-3
Recommended Thickness	50µm DFT per coat
Theoretical Coverage	0.06kg/m ² /coat
Recoating Time	Within 2-10 hrs @ 28°C
Pot Life (working time)	60 mins @ 28°C

PACKAGING

Components	Gloss Level	PART A (BASE)	PART B (HARDENER)
Total (3.8kg)	Gloss	2.3	1.5
Total (4kg)	Satin	2.5	1.5
Total (4.5kg)	Matt	3	1.5

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FLOOR-PRO 305 SF EPOXY FINISH

A two-component, solvent-free high performance epoxy coating. It is developed specifically as chemical and an abrasion resistance topcoat for areas with light and high traffic.

FEATURES

- Solvent-free, low VOC
- High chemical resistance to wide range of chemicals
- Hard wearing, excellent abrasion resistance
- Easy to clean and maintenance
- Easy to apply
- Complied with BS 6920 requirement

APPLICATION AREAS

- Ideal to use at areas which require good chemical, abrasion and impact resistance such as industrial floor, printing pulp paper, mills, refineries, car park deck, automotive assembly, aircraft hangar, garages, laboratories, electronic, clean rooms and pharmaceutical

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	160 ± 20µm DFT per coat
Theoretical Coverage	0.2 kg/m ² /coat
Recoating Time	Within 10-24 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (25kg)	20	5

FLOOR-PRO 306 SF TF EPOXY CLEAR

A two-component, solvent-free 100% solid flexible epoxy hybrid clear coating system. It is designed to have ideal balance of flexibility and toughness.

FEATURES

- Solvent-free, low odour
- Tough and flexible
- Good adhesion on organic and inorganic substrate
- Two-component gives better cross-linking and durability

APPLICATION AREAS

- Used as a tough priming compound on non-rigid substrate such as chequered plates, tile and glass panels, wooden substrate and vibrating concrete

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	250µm DFT per coat
Theoretical Coverage	0.2-0.7kg/m ² /coat
Recoating Time	Within 12-48 hrs @ 28°C
Pot Life (working time)	25 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.04	1.96

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FLOOR-PRO 307 SF EPOXY FINISH

A three-component solvent-free high grade epoxy coating. It is to be used on primed floor as a chemical, oil and abrasion resistance finishing coat.

FEATURES

- Solvent-free, low odour
- High compressive strength
- High wear, abrasion and impact resistance
- High acid and alkaline resistance
- Excellent water resistance
- Dust free, easy to clean and maintenance
- Can be designed as an anti-slip system

APPLICATION AREAS

- FLOOR-PRO 307 SF EPOXY FINISH is used as coloured coatings for surfaces with light mechanical stress and traffic or heavy duty with epoxy mortar combinations
- Areas which require high oil and abrasive resistance against high vehicular traffic and load such as industrial surfaces, storage rooms, garage floors, pedestrian areas, technical centres and others

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	200-300µm DFT per coat
Theoretical Coverage	0.3kg/m ² – 1st coat 0.2kg/m ² – 2nd coat
Recoating Time	Within 12-24 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (FILLER)
Total (8kg)	3.7	1.3	3.0

FLOOR-PRO 308 SF EPOXY CLEAR

A two-component, solvent-free low viscosity epoxy clear designed with excellent wetting, leveling and abrasion resistance properties.

FEATURES

- Solvent-free, low odour
- Excellent wetting and levelling
- High abrasion resistance

APPLICATION AREAS

- Ideal to be used as a clear abrasion resistance topcoat on decorative elements such as coloured flakes, quartz, or plain finishes

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	200-300µm DFT per coat
Theoretical Coverage	0.25kg/m ² /coat
Recoating Time	Within 12-24 hrs @ 28°C
Pot Life (working time)	25 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (10kg)	6.4	3.6

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FLOOR-PRO 310 SF TF EPOXY FINISH

A two-component, solvent-free 100% solid pigmented flexible epoxy hybrid coating. It is designed to have ideal balance of flexibility and toughness.

FEATURES

- Solvent-free, low odour
- Tough & flexible
- Good abrasion resistance
- Good adhesion on organic and inorganic substrate
- 100% solid pure resin gives higher crosslinking for improved mechanical and chemical resistance
- Seamless

APPLICATION AREAS

- Used as a tough coloured coating on non-rigid substrate such as chequered plates, tile and glass panels, wooden substrate and vibrating concrete

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	250µm DFT per coat
Theoretical Coverage	0.2-0.7kg/m ² /coat
Recoating Time	Within 12-48 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.10	1.90

FLOOR-PRO 311 SB EPOXY FINISH

A two-component solvent-based epoxy coating based on high quality epoxy resin and polyamide hardener.

FEATURES

- Can be primer and topcoated (indoor)
- Excellent resistance to abrasion, chemical and corrosion
- Easy to apply and low maintenance
- Excellent adhesion on most surfaces
- Hygienic – easy to clean, dust free surface

APPLICATION AREAS

- Can be applied on concrete, steel, structural steel and piping
- Ideal to use at light duty industrial areas, warehouse, garages, car park decks, refineries and other industrial plants sector where chemical resistance is required

APPLICATION GUIDE

Number of Coats	2-3
Recommended Thickness	Approximately 100µm DFT per coat
Theoretical Coverage	0.15kg/m ² /coat
Recoating Time	Within 10-24 hrs @ 28°C
Pot Life (working time)	2 hrs @ 30°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4.3	0.7
Total (20kg)	17.2	2.8

FLOOR-PRO 312 SF ESD EPOXY FINISH

A two-component, solvent-free 100% solid high performance colored ESD (Anti-static) epoxy coating. It is a dust free, seamless and glossy finish developed specifically for area subjected to chemicals and abrasion with light or high traffic.

FEATURES

- Solvent-free, low odour
- Hygienic, easy to clean and maintenance
- High chemical resistance to wide range of chemicals
- Good abrasion resistance against medium traffic and trolley movement
- Electrostatic conductive
- Hard wearing floors finish
- Seamless
- Complied with BS 6920 requirement

APPLICATION AREAS

- Floor area which requires conductive properties that subjected to medium traffic
- Ideal to use at military arsenals, ammunition dumps, electronics, semi-conducting device areas, high power stations, explosion risk plants, clean room, warehouse, assembly automotive plants, aircraft hangars, electronic plants and R&D laboratories

APPLICATION GUIDE

Recommended Thickness	140µm DFT per coat
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (20kg)	15	5

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FLOOR-PRO 313 SF METALLIC EPOXY FINISH

A two-component solvent-free epoxy coating incorporating sparkling and glittering metallic lustres. It is designed to provide luxury decorative high strength finish in various exotic colours and 3D designs.

FEATURES

- Solvent free, low odour
- Wide range of colours and exotic 3D designs
- Attractive with good light reflective appearance
- High abrasion and impact resistance
- Good chemical resistance
- Easy to clean and maintenance
- Fast installation
- Seamless

APPLICATION AREAS

- Ideal to use as decorative and hard wearing seamless flooring with extraordinary optical illusion for showrooms, walkways, retail centres, receptions, offices, entertainment centre, public area, garage and residential floor

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	1.5 mm DFT per coat
Theoretical Coverage	1.5kg/m ² /coat
Recoating Time	Within 24-72 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.31	1.69

FLOOR-PRO 315 SL EPOXY FINISH

A three-component, solvent-free self-smoothing epoxy resin coating in high gloss seamless finish applied at 1-2 mm thickness.

FEATURES

- Solvent free, low odour
- High gloss thus easy to clean and maintenance
- High impact and chemical resistance
- Good light reflectance
- Seamless and dust free

APPLICATION AREAS

- Ideal to be used on prepared and primed concrete floor in medium to heavy duty industrial environment

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	1-2 mm DFT per coat
Theoretical Coverage	1.6kg/m ² /mm
Recoating Time	Within 24-48 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (FILLER)
Total (20kg)	7.3	2.5	10.2

FLOOR-PRO 316 SL ESD EPOXY FINISH

A self-smoothing ESD (Anti-static) epoxy resin floor finish applied at 1 to 2 mm. It provides a seamless, high mechanical, conductive, good abrasion resistance glossy finishing and available in a wide range of attractive colours.

FEATURES

- Solvent-free, low odour
- Electrostatic conductive
- Hygienic, easy to clean and maintenance
- High chemical resistance to wide range of chemicals
- Good abrasion resistant against medium traffic and trolley movement
- Hard wearing floors finish
- Seamless
- Complied with BS 6920 requirement

APPLICATION AREAS

- Floor area which requires conductive properties and area subjected to medium traffic
- Ideal to use at military arsenals, ammunition dumps, electronics, semi-conducting device areas, high power station, explosion risk plants, clean rooms, warehouses, assembly automotive plants, aircraft hangars, electronic plants and R&D laboratories

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	1-2 mm DFT per coat
Theoretical Coverage	1.4kg/m ² /mm
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (20kg)	15	5

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FLOOR-PRO 317 SL NOVALAC EPOXY FINISH

A two-component, self-smoothing Novalac epoxy resin floor finish applied at 1 to 2 mm. It provides a dust free, seamless, chemical and abrasion resistance glossy finishing.

FEATURES

- Solvent-free, low odour
- Hygienic, easy to clean and maintain
- High chemical resistance to wide range of chemicals
- Good abrasion resistant against medium traffic and trolley movement
- Hard wearing finish for floors
- Complied with BS 6920 requirement

APPLICATION AREAS

- Used for dry processing areas where the floor is subjected to trolley, pallet truck and fork lift traffic
- Ideal to use at laboratories, electronic and clean rooms, automotive assembly, aircraft hangar, pharmaceutical, printing pulp paper mills, refineries and other industrial plants sectors where chemical resistance are required

APPLICATION GUIDE

Recommended Thickness	1-2 mm DFT per coat
Theoretical Coverage	1.4kg/m ² /mm
Recoating Time	Within 12-24 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4	1
Total (10kg)	8	2

FLOOR-PRO 318 SF EPOXY ANTI-SLIP CLEAR

A two-component, 100% solid anti-slip clear coating formulated with premium grade epoxy coating system with enhanced adhesion on many substrates.

FEATURES

- Solvent-free, low odour
- Does not affect appearance and losing the inherent original design of decorative elements or tiles
- Good balance of abrasion resistance, anti-slip and cleanability with anti-slip polymer
- 100% solid pure resin gives higher crosslinking for improved mechanical and chemical resistance
- Seamless

APPLICATION AREAS

- Used as an abrasion resistance and non-skid clear topcoat on organic and inorganic substrate
- It has excellent adhesion on substrates such as glazed tiles, glass, wood, steel and also on concrete
- It is specifically designed as an anti-slip topcoat on car parking deck, decorative tiles, washroom flooring, wet production and storage floor and walkway system

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	150µm DFT per coat
Theoretical Coverage	0.08-0.12kg/m ² /coat
Recoating Time	Within 24-72 hrs @ 28°C
Pot Life (working time)	45 mins @ 28°C

PACKAGING

Components	GLOSS LEVEL	PART A (BASE)	PART B (HARDENER)
Total (5kg)	Gloss	3.775	1.225

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FLOOR-PRO 319 SF RAPID CURE EPOXY ANTI-SLIP CLEAR

A two-component, 100% rapid curing clear anti-slip epoxy coating system with improved adhesion on non-porous substrate.

FEATURES

- Solvent-free, low odour
- Clear anti-slip finish without affecting the underlying decorative effect of the substrate such as tile or wood
- Fast curing with short down time
- Good abrasion resistance with anti-slip polymer which does not break under stress unlike conventional silica or quartz sand
- 100% solid pure resin gives higher crosslinking for improved mechanical and chemical resistance
- Good balance of anti-slip and cleanability
- Seamless

APPLICATION AREAS

- Use as an abrasion resistance and non-skid clear topcoat on organic and inorganic substrates with faster return to service compared to conventional system
- It has excellent adhesion on substrates such as glazed tiles, glass, wood, steel and also on concrete

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	150µm per coat
Theoretical Coverage	0.1-0.2kg/m ² /coat
Recoating Time	Within 3-24 hrs @ 28°C
Pot Life (working time)	15 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.69	1.31

FLOOR-PRO 320 SF SELF PRIMING EPOXY

A two-component, rapid curing solvent-free clear or pigmented special grade epoxy coating designed with superior adhesion on mineral and organic and inorganic substrate.

FEATURES

- Solvent-free, low odour
- Seamless
- Excellent adhesion on mineral substrate such as tiles, glass
- Fast installation

APPLICATION AREAS

- Used as an abrasion resistance topcoat on organic and inorganic substrate
- It has excellent adhesion on substrates such as glazed tiles, glass, wood, steel and also on concrete

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	250µm DFT per coat
Theoretical Coverage	0.20-0.30kg/m ² /coat
Recoating Time	Within 3-48 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg) Pigmented	3.3	1.7
Total (5kg) Clear	3.23	1.77

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FLOOR-PRO 323 SF RAPID CURE EPOXY ANTI-SLIP FINISH

A two-component, 100% solid pigmented rapid cure anti-slip coating formulated with premium grade epoxy resin.

FEATURES

- Solvent-free, low odour
- Rapid curing to meet fast return to service requirement and reduce the down time
- Good balance of abrasion resistance, anti-slip and cleanability with anti-slip polymer
- 100% solid pure resin gives higher crosslinking for improved mechanical and chemical resistance
- Seamless

APPLICATION AREAS

- Used as an abrasion resistance and non-skid pigmented topcoat on organic and inorganic substrate
- It has excellent adhesion on substrate such as glazed tiles, glass, wood, steel and also on concrete
- Specifically designed as an anti-slip topcoat on car parking deck, decorative tiles, washroom flooring, wet production and storage floor and walkway system

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	150µm DFT per coat
Theoretical Coverage	0.08-0.12kg/m ² /coat
Recoating Time	Within 2-48 hrs @ 28°C
Pot Life (working time)	12 mins @ 30°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.7	1.3

FLOOR-PRO 324 SF EPOXY OP TEXTURE

A three-component, solvent-free thixotropic epoxy coating provide orange peel appearance to enhance the slip resistance.

FEATURES

- Solvent-free, low odour
- Good slip resistance
- High gloss thus easy to clean and maintain
- High impact and chemical resistance
- Seamless and dust free

APPLICATION AREAS

- Ideal to be used on primed floor as an economical abrasion and chemical resistance textured coating that gives an orange peel effect

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	300-500µm DFT per coat
Theoretical Coverage	0.3-0.5kg/m ² /coat
Recoating Time	Within 15-24 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (FILLER)
Total (8kg)	3.7	1.3	3.0

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FLOOR-PRO 326 SF RAPID CURE EPOXY FLAKE FINISH

A two-component, solvent-free 100% solid rapid cure high grade epoxy topcoat in clear finish.

FEATURES

- Solvent-free, low odour
- Rapid curing for fast return to service
- 100% solid pure resin improved mechanical and chemical resistance
- Good abrasion resistance
- Seamless

APPLICATION AREAS

- Used as an abrasion resistance clear topcoat over pigmented epoxy and flake finish

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	200µm DFT per coat
Theoretical Coverage	0.1-0.2kg/m ² /coat
Recoating Time	Within 5-48 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.43	1.57

FLOOR-PRO 327 SF EPOXY TERRAZZO

A four-component, solvent-free high performance epoxy terrazzo flooring system incorporating many reflective and exotic fillers such as glass aggregate, pearl chipping and others.

FEATURES

- Solvent-free and low odour
- Many exotic designs with various reflective fillers
- Excellent impact and scratch resistance
- Good chemical resistance
- Seamless

APPLICATION AREAS

- Used as a decorative and durable floor system with excellent wearing resistance
- Ideal to use at food and pharmaceutical process areas, lobby, walkways, and many commercial floors where the floor is subjected to heavy traffic and impact

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	8-10 mm per coat
Theoretical Coverage	16.8kg/m ² /8 mm
Recoating Time	Within 24-72 hrs @ 28°C
Pot Life (working time)	30-45 mins @ 28°C

PACKAGING

Components	PART A	PART B	PART C	PART D
Total (30kg)	3.56	1.44	8.33	16.67

FLOOR-PRO 328 SF DECORATIVE EPOXY FINISH

A two-component, solvent-free multi-coloured epoxy topcoat formulated with premium special grade epoxy binder.

FEATURES

- Solvent-free, low odour
- 100% solid pure resin gives higher crosslinking for improved mechanical and chemical resistance
- Seamless

APPLICATION AREAS

- Used as an decorative durable topcoat for industrial, commercial and institutional usages
- Specifically designed as multi-coloured epoxy to simulate natural granites, and other urban expressions and designs

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	1.5 mm DFT per coat
Theoretical Coverage	0.2-1.0kg/m ² /coat
Recoating Time	Within 24-72 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.44	1.56

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FLOOR-PRO

Polyurethane Topcoat/Clear

- FLOOR-PRO 401 WB PU MF SCREED
- FLOOR-PRO 402 WB PU HD SCREED
- FLOOR-PRO 403 SL CONDUCTIVE PU SCREED
- FLOOR-PRO 404 WB 3K PU FINISH
- FLOOR-PRO 405 SF RAPID CURE PU CLEAR
- FLOOR-PRO 406 SF RAPID CURE PU PIGMENTED
- FLOOR-PRO 407 SB PU FINISH
- FLOOR-PRO 408 SB PU FINISH ANTI-SLIP
- FLOOR-PRO 409 SF FLEXIBLE PU FINISH
- FLOOR-PRO 410 WB PU CLEAR
- FLOOR-PRO 411 WB PU CLEAR ANTI-SLIP
- FLOOR-PRO 412 WB PU MF SATIN
- FLOOR-PRO 413 WB PU MF MATT
- FLOOR-PRO 414 WB PU FINISH

FLOOR-PRO 401 WB PU MF SCREED

A four-component, self-smoothing polyurethane industrial floor topping with thermal shock resistance properties.

FEATURES

- Water-based, low odour
- High compressive strength
- Excellent chemical resistance to alkali and acids especially organic acids, vegetable/palm oils, animal fats and solvents
- Thermal shock resistance-wide service temperature from -5°C to 100°C
- Anti-microbial
- Complied with HACCP requirement

APPLICATION AREAS

- Ideal to be used at abattoir, meat, poultry, seafood and food processing plants, food and beverage facilities, cold storage, commercial kitchens, warehouse/logistic centres and industrial plants

Note: Colour may change on exposure to UV as this is a common characteristic of all polyurethane screed system

APPLICATION GUIDE

Recommended Thickness	Minimum 3 mm Maximum 6 mm
Theoretical Coverage	1.9kg/m ² /mm
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (COLOUR FILLER)	PART D (FILLER)
Total (20kg)	3	3	0.5	13.5

FLOOR-PRO 402 WB PU HD SCREED

A five-component, thermal shock polyurethane mortar screed applied between 6 mm to 12 mm thickness. It is ideal to be used as hygienic floor finish for heavy duty wet processing areas.

FEATURES

- Water-based, low odour
- Seamless
- Hygienic hot water steaming
- High chemical resistance against alkali, acids and organic solvents
- High mechanical and impact resistance
- Good abrasion resistance
- Good resistance to fungi, mildew and bacteria growth
- Non-toxic
- Slip resistance surface
- Temperature service with wide range between -40°C to 140°C
- Complied with HACCP requirement

APPLICATION AREAS

- Ideal to be used in hygienic industrial floor, wet food processing, beverage, kitchen, cold storage, cold room, palm oil processing and wet packaging plants

Note: Colour may change on exposure to UV as this is a common characteristic of all polyurethane screed system

APPLICATION GUIDE

Recommended Thickness	Minimum 6 mm Maximum 12 mm
Theoretical Coverage	2.2kg/m ² /mm
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (COLOUR FILLER)	PART D (FILLER)	PART E (FILLER HD)
Total (32kg)	3	3	0.5	13.5	12

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FLOOR-PRO 403 SL CONDUCTIVE PU SCREED

A five-component, anti-static, self-smoothing polyurethane floor coating. It provides a seamless finish with high chemical, mechanical and conductive properties.

FEATURES

- Solvent-free, odourless
- Seamless
- Electrostatic conductive
- Hard wearing, good abrasion resistance
- High chemical resistance against alkali, acids and organic solvent
- High mechanical and impact resistance
- Good resistance against fungi, mildew and bacteria growth
- Non-toxic

APPLICATION AREAS

- Ideal for high-tech manufacturing that required flooring with conductive properties, area with hygienic requirement that subjected to medium traffic, impact and surface without the risk of static build up
- Areas use for military arsenal, ammunition dump, electronic, semi-conducting device areas, high power station and explosion risk plants

APPLICATION GUIDE

Recommended Thickness	3-6 mm per coat
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (CONDUCTIVE FILLER)	PART D (PIGMENT POWDER)	PART E (FILLER)
Total (18kg)	3	3	0.2	0.5	11.3

FLOOR-PRO 404 WB 3K PU FINISH

A three-component, high performance water-based aliphatic polyurethane coating designed for use as a durable topcoat to receive foot traffic.

FEATURES

- Water-based, low odour
- Durable and hardwearing to withstand aggressive and severe weather conditions
- Good UV resistance
- Anti-fungus and anti-algae properties
- High chemical resistance against alkaline salts, mild acids and a wide range of industrial chemicals

APPLICATION AREAS

- Use as a hardwearing, foot trafficable, chemical and abrasion resistant floor coating for concrete floor, walkways, pharmaceutical plants, laboratories and hospitals
- It can be applied over concrete and masonry surface, including self-levelling toppings and over epoxy coating to provide a non-chalking, non-yellowing protection against the aggressive weather elements or as an anti-dust finishing coat for use on interior industrial concrete floor

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	50µm DFT per coat
Theoretical Coverage	0.13kg/m ² /coat when used on concrete 0.05-0.07kg/m ² /coat when used with overlayment
Recoating Time	30 mins @ 28°C
Pot Life (working time)	3 hrs @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C (POWDER)
Total (24kg)	20.8	2.2	1

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FLOOR-PRO 405 SF RAPID CURE PU CLEAR

A two-component, 100% solid, solvent-free rapid cured polyurethane clear with tough and flexible finishing. It offers superior adhesion on mineral and organic substrates.

FEATURES

- Solvent free, low odour
- Seamless
- Rapid curing with low down time
- Good adhesion on various organic and mineral substrates
- Excellent flexibility and toughness
- Fast installation

APPLICATION AREAS

- Use as a tough and durable water-tight clear wearing layer on bare concrete, pigmented mid coats or decorative elements such as coloured flakes with fast return to service requirement

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	200µm DFT per coat
Theoretical Coverage	0.25-0.50kg/m ² /coat (Consumption will vary dependant on undulation and absorption of the substrate)
Recoating Time	Within 5-48 hrs @ 28°C
Pot Life (working time)	15 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.22	1.78

FLOOR-PRO 406 SF RAPID CURE PU PIGMENTED

A two-component, 100% solid, solvent-free rapid cured polyurethane topcoat with tough and flexible finishing. It offers superior adhesion on mineral and organic substrates.

FEATURES

- Solvent-free, low odour
- Seamless
- Rapid curing with low down time
- Good adhesion on various organic and mineral substrates
- Excellent flexibility and toughness
- Fast installation

APPLICATION AREAS

- Use as a tough and durable water-tight clear wearing layer on bare concrete, pigmented mid coats or decorative elements such as coloured flakes with fast return to service requirement

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	200µm DFT per coat
Theoretical Coverage	0.15-0.25kg/m ² /coat (Consumption will vary dependant on undulation and absorption of the substrate)
Recoating Time	Within 5-48 hrs @ 28°C
Pot Life (working time)	15 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.37	1.63

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FLOOR-PRO 407 SB PU FINISH

A two-component polyurethane coating based on high quality polyester branched polyurethane resin.

FEATURES

- Seamless, monolithic application
- Easy to clean
- High chemical resistance to wide range of chemical
- Abrasion resistance against light or high traffic
- Hard wearing

APPLICATION AREAS

- Ideal to be used as a clear or coloured coating for areas with light, medium and high traffic industrial and commercial floor and wall
- Recommended for use in carpark, garages, warehouses, pedestrian areas, laboratories, electronic clean room, pharmaceutical, refineries, printing pulp paper, mills, bridge tunnel, roofing and other industrial plants sectors
- Areas used for GMP, hygienic industrial floors, for wet food processing, beverage, seafood, meat, kitchen, cold storage, freezer/cool room, palm oil processing and wet packaging plants

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	80µm DFT per coat
Theoretical Coverage	0.13kg/m ² /coat
Recoating Time	Within 6-48 hrs @ 28°C
Pot Life (working time)	2 hrs @ 28°C

PACKAGING

Components	GLOSS LEVEL	PART A (BASE)	PART B (HARDENER)
Total (5kg)	Coloured - Gloss	4	1
Total (5kg)	Coloured - Satin	4	1
Total (5.5kg)	Coloured - Matt	4.5	1
Total (5kg)	Clear - Gloss	3	2
Total (5kg)	Clear - Satin	4	1
Total (5.5kg)	Clear - Matt	4.5	1

FLOOR-PRO 408 SB PU FINISH ANTI-SLIP

A three-component polyurethane coating based on high quality polyester branched polyurethane resin with anti-skid property.

FEATURES

- Seamless, monolithic application
- Easy to clean
- High chemical resistance to wide range of chemical
- Abrasion resistance against light or high traffic
- Hard wearing floors with anti-skid property

APPLICATION AREAS

- Ideal for use in car park decks, garages, warehouse, pedestrian areas, laboratories, electronic clean room, pharmaceutical, refineries, printing pulp and paper mills, bridge tunnel, roofing and other industrial plants sectors where chemical resistance is required

APPLICATION GUIDE

Number of Coats	2
Recommended Thickness	80µm DFT per coat
Theoretical Coverage	0.15kg/m ² /coat
Recoating Time	Within 12-48 hrs min @ 28°C
Pot Life (working time)	2 hrs @ 28°C

PACKAGING

Components	GLOSS LEVEL	PART A (BASE)	PART B (HARDENER)	PART C (FILLER)
Total (5.15kg)	Gloss/ Satin	4	1	0.15
Total (5.65kg)	Matt	4.5	1	0.15

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FLOOR-PRO 409 SF FLEXIBLE PU FINISH

A two-component, 100% solid, solvent-free pigmented polyurethane formulated with special binder with excellent flexibility and toughness. It provides superior adhesion on mineral and organic substrates.

FEATURES

- Solvent-free
- Seamless
- Good adhesion on various organic and mineral substrates
- Excellent flexibility and toughness

APPLICATION AREAS

- Ideal for use a tough and durable water-tight coloured self-priming coating for the multi-storey car parking decks, ship decks, warehouses and production floors, walkways and many other rigid and flexible substrates

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	200µm DFT per coat
Theoretical Coverage	0.10-0.25kg/m ² /coat (Consumption will vary dependant on undulation and absorption of the substrate)
Recoating Time	Within 24-72 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.41	1.59

FLOOR-PRO 410 WB PU CLEAR

A two-component water-based polyurethane clear coat with good UV resistance.

FEATURES

- Water-based, low odour
- Seamless
- Good UV and weather resistance
- Better cross-linking and durability than conventional one-component waterborne clear coat

APPLICATION AREAS

- Use as a clear topcoat over epoxy or aromatic polyurethane which requires non-yellowing and non-chalking paint film upon exposure to external UV

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	80µm DFT per coat
Theoretical Coverage	0.08-0.15kg/m ² /coat (Consumption will vary dependent on undulation and absorption of the substrate)
Recoating Time	Within 8-48 hrs @ 28°C
Pot Life (working time)	45 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4	1

FLOOR-PRO 411 WB PU CLEAR ANTI-SLIP

A two-component, water-based aliphatic polyurethane coating designed to provide good slip resistance and UV protection.

FEATURES

- Water-based, low odour
- Good slip resistance
- UV and weather resistance

APPLICATION AREAS

- Use as a slip resistance topcoat over epoxy or polyurethane to provide a non-yellowing and chalking resistance paint film against UV
- It is ideally suited for use in wet areas where anti-slip property is required such as walkways or flat RC rooftop

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	100µm DFT per coat
Theoretical Coverage	0.08-0.15/m ² /coat
Recoating Time	Within 8-48 hrs @ 28°C
Pot Life (working time)	45-60 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4	1

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FLOOR-PRO 412 WB PU MF SATIN

A four-component cementitious polyurethane hybrid system with satin self-sealing property to provide excellent abrasion impact resistance and easy cleaning maintainance.

FEATURES

- Water-based, low odour
- Seamless
- Excellent abrasion resistance
- Good impact resistance
- Good chemical resistance
- Good resistance against uprising moisture and hydrostatic pressures activities
- Easy to clean
- Highly compatible with concrete due to similar properties

APPLICATION AREAS

- Used as an abrasion and impact resistance heavy duty smooth finish in harsh industrial environment with heavy traffic activities
- Used as moisture barrier and levelling underlayment prior to receiving any overlay finishes

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	1-3 mm
Theoretical Coverage	1.9kg/m ² /coat (if use as primer if required) 5.7kg/m ² /coat (as a finishing topcoat)
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A	PART B	PART C	PART D
Total (20kg)	3	3	13.5	0.5

FLOOR-PRO 413 WB PU MF MATT

A four-component water-based cementitious polyurethane hybrid system with matt self-sealing property to provide excellent abrasion and impact resistance.

FEATURES

- Water-based, low odour
- Seamless
- Excellent abrasion resistance
- Good impact resistance
- Good chemical resistance
- Good resistance against uprising moisture and hydrostatic pressures activities
- Easy to clean
- Highly compatible with concrete due to similar properties

APPLICATION AREAS

- Used as an abrasion and impact resistance heavy duty smooth finish in harsh industrial environment with heavy traffic activities
- Used as moisture barrier and levelling underlayment prior to receiving any overlay finishes

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	1-3 mm
Theoretical Coverage	1.9kg/m ² /coat (if use as primer if required) 5.7kg/m ² /coat (as a finishing topcoat)
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A	PART B	PART C	PART D
Total (20kg)	3	3	13.5	0.5

FLOOR-PRO 414 WB PU FINISH

A two-component, water-based pigmented aliphatic high-grade polyurethane with good UV resistance.

FEATURES

- Water-based, low odour
- Seamless
- Good UV and weather resistance
- Better cross-linking and durability than conventional one-component water-borne clear coat

APPLICATION AREAS

- Used as an pigmented topcoat over epoxy or aromatic polyurethane with non-yellowing and non chalking upon exposure to exterior weathering, UV light or interior secondary light

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	100µm DFT per coat
Theoretical Coverage	0.08-0.15kg/m ² /coat
Recoating Time	Within 48 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4	1

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FLOOR-PRO

Overlayment/Underlayment

- FLOOR-PRO 501 RE-SURFACING SCREED
- FLOOR-PRO 502 RAPID SETTING SCREED
- FLOOR-PRO 503 SL SCREED – OVERLAYMENT
- FLOOR-PRO 504 SL SCREED – UNDERLAYMENT
- FLOOR-PRO 505 SF SL EPOXY UNDERLAY

FLOOR-PRO 501 RE-SURFACING SCREED

A two-component, pre-packed high performance acrylic polymer modified cement based mortar designed for all types of resurfacing, patching and repairing of concrete surface. The product is designed to have high abrasion resistance and outstanding skid resistance for internal and external walkways and areas subjected to foot traffic.

FEATURES

- Pre-packed – easy to mix and apply
- Excellent bond strength to substrate
- Excellent abrasion and impact resistance
- High flexural and tensile strength
- Good water resistance

APPLICATION AREAS

- As general resurfacing, patching and repairing of concrete surface with high vehicular traffic
- Topping of new and old concrete floors to increase skid and wear resistance
- Resurfacing of worn out concrete floors
- Patching and repairing of damaged concrete surfaces
- Suitable for warehouses, car parks and driveways, bus bays, concrete roads, docks, etc

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	Minimum 2 mm Maximum 5 mm
Theoretical Coverage	2kg/m ² /mm
Pot Life (working time)	20 mins @ 28°C

PACKAGING

Components	PART A (POWDER)	PART B (POLYMER)
Total	25kg	5L

FLOOR-PRO 502 RAPID SETTING SCREED

A one-component cementitious screed specially formulated to improve workability and high early ultimate strength for use as floor leveling on uneven horizontal surface before laying top coating.

FEATURES

- Good workability and easy application
- High compressive and flexural strength
- Good abrasion resistance
- Good shear bond strength

APPLICATION AREAS

- Use for internal/external applications
- Ideal for use in shower base to create correct falls, also suitable for use on balconies as long as the correct falls are adhered to and covered with a waterproofing membrane
- It is suitable for concrete floor and fibre cement sheets

APPLICATION GUIDE

Recommended Thickness	20-40 mm
Theoretical Coverage	1.7kg/m ²

PACKAGING

Total	25kg
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FLOOR-PRO 503 SL SCREED – OVERLAYMENT

A two-component rapid setting, polymer-modified, self-smoothing compound consisting of a blend of powders, well-graded aggregates and special additives to achieve good flow property. When mixed, it becomes a flowable compound and is easily applied over concrete slab, screed or tiled floor as an overlay.

FEATURES

- Pre-packed – easy to mix and apply
- Excellent bond strength to substrate
- Excellent flowability, self-smoothing
- Environmentally friendly product
- Early strength gain
- Low shrinkage & chloride free
- UV and slip resistance

APPLICATION AREAS

- As a general resurfacing compound for repairing concrete surface
- As an overlay at corridor, walkway etc
- As an underlay for soft floor covering

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	Minimum 3 mm Maximum 5 mm
Theoretical Coverage	1.9kg/m ² /mm
Pot Life (working time)	15 mins @ 28°C

PACKAGING

Components	PART A (POWDER)	PART B (LIQUID)
Total (25kg)	20	5

FLOOR-PRO 504 SL SCREED – UNDERLAYMENT

A one-component self-smoothing floor underlayment designed to prepare stable and flat sub-floor for installation of new coverings. It can be applied on absorbent floor substrate such as cement-sand screed, concrete and non absorbent surfaces such as terrazzo, ceramic and quarry tiles at thickness in the range of 3 - 10mm.

FEATURES

- Pre-packed – easy to mix and apply
- Excellent bond strength to substrates
- Excellent flowability, self-levelling
- Fast setting for quick construction progress, foot traffic-able in 2 hours (at 28°C)
- Improves flatness of substrate

APPLICATION AREAS

- Used as underlayment for vinyl, parquet, carpet tiles, ceramic tiles

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	Minimum 3 mm Maximum 10 mm
Theoretical Coverage	~1.6kg/m ² /mm
Recoating Time	20 mins @ 28°C

PACKAGING

Total	20kg
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FLOOR-PRO 505 SF SL EPOXY UNDERLAY

A three-component solvent-free 100% solid pigmented self-levelling epoxy compound.

FEATURES

- Seamless
- Improve flatness of substrate
- Economical thickness built-up layer
- Excellent impact resistance
- Solvent-free

APPLICATION AREAS

- Use as an underlayment levelling and correction layer to improve flatness of substrate prior to applying any overlayment
- It also serves as an economical thickness built-up layer to achieve specified thickness prior to finishing with highly aesthetic topcoats

APPLICATION GUIDE

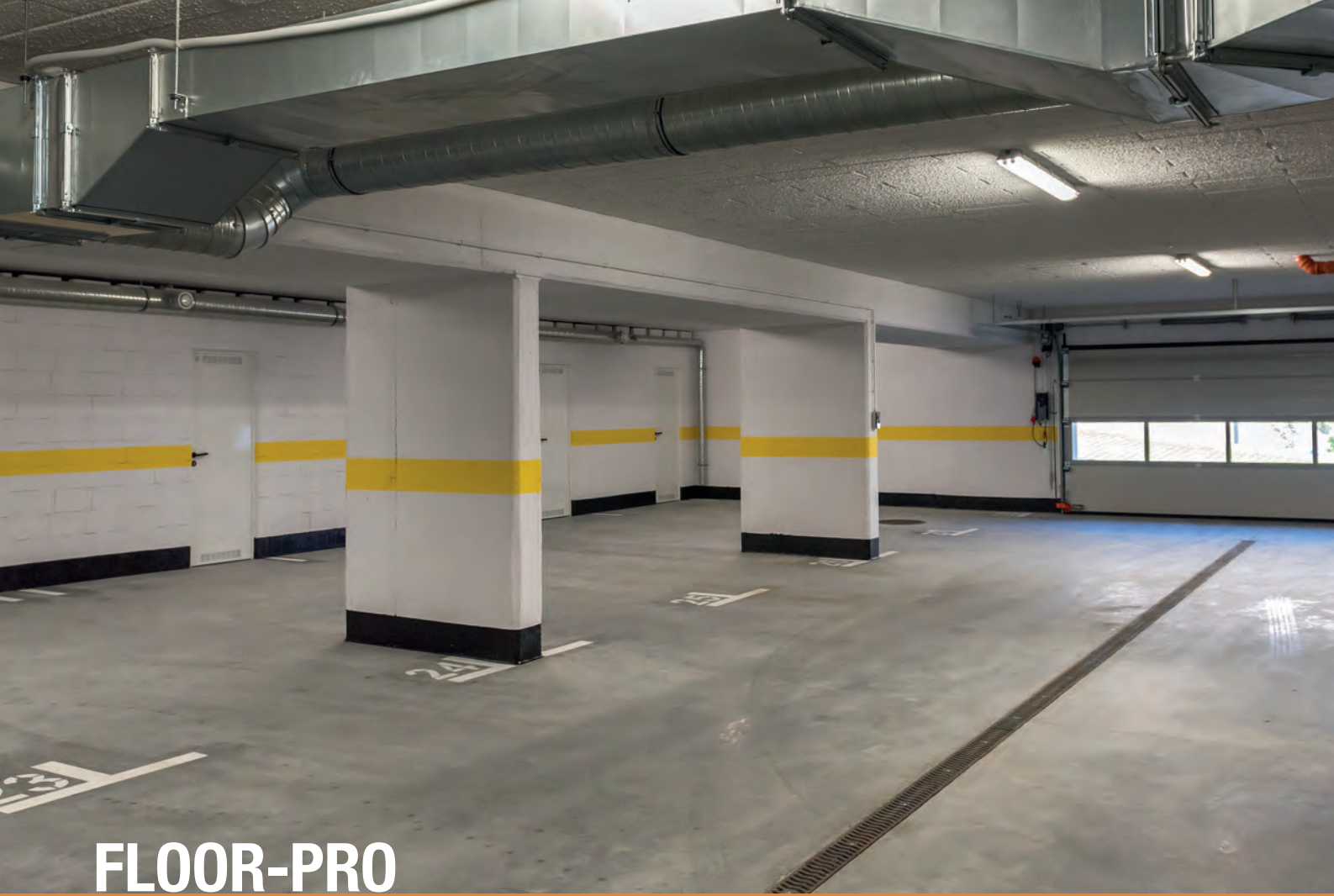
Number of Coats	1
Recommended Thickness	1 mm
Theoretical Coverage	1.8kg/m ² /mm
Recoating Time	Within 48 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)	PART C
Total (20kg)	5.59	1.60	12.81

DISCLAIMER

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FLOOR-PRO Floor Hardener

- FLOOR-PRO 601 LIQUID FLOOR HARDENER
- FLOOR-PRO 602 DRY SHAKE FLOOR HARDENER
- FLOOR-PRO 603 COLOURED FLOOR HARDENER
- FLOOR-PRO 604 EMERY BASED FLOOR HARDENER
- FLOOR-PRO 605 METALLIC BASED FLOOR HARDENER
- FLOOR-PRO 606 LIQUID FLOOR DENSIFIER

FLOOR-PRO 601 LIQUID FLOOR HARDENER

A one-component water-based, deep penetrating solution based on sodium silicate that reacts with free lime within concrete for sealing and dust-proofing friable concrete and masonry surfaces. It acts as a concrete treatment and not a surface coating, and thus will not change the natural colour of the concrete. It can be applied on old and green concrete, but not suitable for natural stone.

FEATURES

- Non-toxic
- Easy to apply
- Improve compressive strength and surface hardness
 - eliminates dust formation from within the treated surfaces
- Improve abrasion and impact resistance
- Improve resistance to oil and grease penetration
- Can be applied to new and old concrete surfaces and damp surface

APPLICATION AREAS

- Concrete floor, wall, slab, bridge and concrete road surface
- Dust-proofing on old concrete floor
- As a surface hardener to improve the abrasion resistance of treated concrete, masonry and granolithic floors. Improving the density of new concrete to reduce penetration of oil, grease and other chemical solutions

APPLICATION GUIDE

Number of Coats	2
Theoretical Coverage	840m ² /mixing of 28kg bag
Recoating Time	Within 2-4hrs

PACKAGING

Total	28kg (pail)
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FLOOR-PRO 602 DRY SHAKE FLOOR HARDENER

A one-component non-metallic cementitious dry shake hardener that is sprinkled onto wet and new screed. The product is formulated with selected granolithic concrete material which gives the concrete floor a hard-wearing surface finish.

FEATURES

- Non-metallic, non-rusting
- Hard wearing and high strength
- Good impact resistance
- Improves abrasion resistance of concrete by more than 30%
- Improve resistance to oil, grease and water penetration
- Easy clean

APPLICATION AREAS

- Warehouses, manufacturing plants, car parks, industrial floors, where durable and wear-resistant flooring is of utmost importance

APPLICATION GUIDE

Theoretical Coverage	Light duty 3kg/m ²	Medium duty 4kg/m ²	Heavy duty 6kg/m ²
	The consumption rate will depend on application method and the concrete mix ratio. This figure does not allow for surface profile and wastage.		

PACKAGING

Total	25kg (paper bag)
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FLOOR-PRO 603 COLOURED FLOOR HARDENER

A one-component non-metallic cementitious dry shake coloured hardener that is sprinkled onto wet and new screed. The product is formulated with selected granolithic concrete materials which give the concrete floor a hard-wearing coloured surface finish.

FEATURES

- Non-metallic, non-rusting with medium wear resistant
- Good impact resistance
- Improve resistance to oil, grease and water penetration
- Easy to clean

APPLICATION AREAS

- Warehouses, manufacturing plants, car parks, industrial floors, where wear-durable and wear-resistant floor is the most important

APPLICATION GUIDE

Theoretical Coverage	Light duty 3kg/m ²	Medium duty 4kg/m ²	Heavy duty 6kg/m ²
	The consumption rate will depend on application method and the concrete mix ratio. This figure does not allow for surface profile and wastage		

PACKAGING

Total	25kg (paper bag)
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FLOOR-PRO 604 EMERY BASED FLOOR HARDENER

A one-component ready-to-use dry blend of emery, Portland cement and additives. It is to be applied as a dry shake over freshly floated concrete floor and the aggregates provide good abrasion and protection against impact and chemicals, oil, grease and hydraulics fluids.

FEATURES

- Applies monolithically to fresh concrete
- Quick application
- Slip resistance finish can be obtained
- Easy to maintain
- Excellent impact resistance

APPLICATION AREAS

- Use for army camps, warehouses, ports, garages, engineering workshops, parking lots, service stations and factories

APPLICATION GUIDE

Theoretical Coverage	Light duty	Medium duty	Heavy duty	Very heavy duty
	3kg/m ²	4kg/m ²	6kg/m ²	9kg/m ²

The consumption rate will depend on application method and the concrete mix ratio. This figure does not allow for surface profile and wastage

PACKAGING

Total	25kg (paper bag)
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FLOOR-PRO 605 METALLIC BASED FLOOR HARDENER

A one-component ready-to-use dry shake floor hardener. It is formulated with cement and metallic aggregates of mineral origin which has good abrasion resistance, physical and mechanical properties.

FEATURES

- High wearing resistance in areas subject to constant or frequently wet conditions without oxidizing
- Slip resistance finish
- Excellent impact resistance
- Good stain resistance and non-corrosive
- Good resistance to penetration of oil, grease and other contaminants
- Easy to maintain and clean

APPLICATION AREAS

- Use for army camps, warehouses, ports, garages, engineering workshops, parking lots, service stations and factories

APPLICATION GUIDE

Theoretical Coverage	Light duty	Medium duty	Heavy duty	Very heavy duty
	3kg/m ²	4kg/m ²	6kg/m ²	9kg/m ²

The consumption rate will depend on application method and the concrete mix ratio. This figure does not allow for surface profile and wastage

PACKAGING

Total	25kg (paper bag)
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FLOOR-PRO 606 LIQUID FLOOR DENSIFIER

A one-component water based blend of reactive lithium silicate and additives providing enhanced densification and stain resistance ideal for use on both new and old concrete.

FEATURES

- Can be applied over new or existing concrete
- Penetrates fast for a deep seal
- Hardens deep to improve durability even after grinding
- Darkens the concrete
- Surfaces wear better & last longer
- Enhances color, gloss & clarity
- Helps prevent stains
- Minimizes dust for healthier indoor air quality (IAQ)
- Odorless, non-flammable, VOC Compliant
- Helps reduce efflorescence and alkali silica reaction (ASR)

APPLICATION AREAS

- Harden concrete surfaces
- Prepares surface for high gloss diamond polishing
- Locks in dyes for longer lasting color
- Improves resistance to staining
- Improves scratch resistance

APPLICATION GUIDE

Appearance	Clear liquid
VOC	Compliant (0g/l)
Shelf Life	1 year
Solvent	Water based

PACKAGING

Total	5L
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FLOOR-PRO Sports/Outdoor

- FLOOR-PRO 701 SPORT FLOOR BASECOAT
- FLOOR-PRO 702 SPORT FLOOR FINISH

FLOOR-PRO 701 SPORT FLOOR BASECOAT

A two-component water-based primer cum filler base coat specially designed for sport courts system such as tennis, volleyball and netball courts, walkway, cycling and jogging tracks. It provides a tough durable coating and excellent traction with even bounce properties.

FEATURES

- Excellent adhesion to concrete and bituminous/asphalt surfaces

APPLICATION AREAS

- Sports courts
- Walkway
- Cycling and jogging tracks
- Decorative and protective coating for bituminous and concrete surfaces

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	1 mm DFT per coat
Theoretical Coverage	1.3kg/m ² /mm
Recoating Time	Within 2 hrs-7 days @ 28°C
Pot Life (working time)	1 hour @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (39kg)	18	21

FLOOR-PRO 702 SPORT FLOOR FINISH

A one-component 100% acrylic water-based paint specially designed for sport courts system such as tennis, volleyball and netball courts, walkway, cycling and jogging tracks. It provides a tough durable coating and excellent traction with even bounce properties. It is also recommended as decorative and protective coating for bituminous and concrete surfaces.

FEATURES

- Water-based, environmental friendly
- Non-reflective and non-skid
- Good resistance against UV and ponding water (48hours)
- Easy to apply

APPLICATION AREAS

- Sports courts
- Walkway
- Cycling and jogging tracks
- Decorative and protective coating for bituminous and concrete surfaces

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	250µm DFT per coat 400µm WFT per coat
Theoretical Coverage	0.65kg/m ² /mm
Recoating Time	Within 14-18 hrs @ 28°C

PACKAGING

Total	20kg
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FLOOR-PRO Others

- FLOOR-PRO 901 SF EPOXY PUTTY
- FLOOR-PRO 902 SF EPOXY RE-MORTAR
- FLOOR-PRO 903 SB ACRYLIC CONCRETE SEALER
- FLOOR-PRO 904 SF SCRATCH COAT
- FLOOR-PRO 905 SF RAPID CURE EPOXY PUTTY
- FLOOR-PRO 906 SF PIGMENTED THIXOTROPIC EPOXY PUTTY
- FLOOR-PRO 907 SF EPOXY BONDING AGENT
- FLOOR-PRO 909 SB STONE CARPET
- FLOOR-PRO 910 WB SCRATCH COAT

FLOOR-PRO 901 SF EPOXY PUTTY

A two-component solvent-free epoxy resin compound specially formulated for the repair of faulty concrete, which cures even at low temperatures and high humidity. The cured resin exhibits several outstanding properties, such as high mechanical strength, excellent adhesion to a wide range of substrates, outstanding resistance against water and chemicals, negligible shrinkage, etc.

FEATURES

- Solvent-free
- Repair concrete honey comb, grouting of concrete crack by V-cut Method
- Heavy duty and chemical resistance & anti-corrosive
- Anchoring reinforcing steel bar into concrete and rocks

APPLICATION AREAS

- For bonding or concrete crack repairing by V-cut method
- For grouting or anchoring
- For concrete repairing of flooring

APPLICATION GUIDE

Number of Coats	As required
Recommended Thickness	0.2-1 mm DFT per coat
Theoretical Coverage	As per site condition
Recoating Time	Within 2-4 hrs @ 28°C
Pot Life (working time)	15 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	2.5	2.5

FLOOR-PRO 902 SF EPOXY RE-MORTAR

A two-component, solvent-free epoxy mortar. It is specially premixed with graded aggregates, epoxy resins and additives to provide a high strength and chemically resistant mortar. The base and hardener are formulated in different colours to provide visual confirmation of adequate and proper mixing on site.

FEATURES

- Solvent-free
- Fast cure – by chemical reaction
- High compressive and tensile strength
- Impermeable to water, oil, petrol, chemical spillage
- Excellent chemical resistance

APPLICATION AREAS

- Repair of damaged precast concrete building units
- Repair of spalled or honeycombed vertical surfaces and protecting exposed reinforcement
- Repair of cracked concrete piles
- Grouting of tile joints in commercial & hotel, food and hygienic areas, swimming pools, industrial work areas
- Bedding applications – bridge bearing pads and mounting of heavy plant and machinery

- General repair works – bonds different materials
- Underwater applications – replacing slip tiles repairing submerged steel work and concrete where reinforcement has been exposed
- Repair and reinstating structures exposed to heavy battering of the sea, such as seawalls and concrete jetties

APPLICATION GUIDE

Recommended Thickness	1-20 mm
Theoretical Coverage	1.85-1.95kg/m ² /mm
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (3kg)	2.25	0.75
Total (12kg)	9	3

FLOOR-PRO 903 SB ACRYLIC CONCRETE SEALER

A one-component, suitable for use on a wide range of substrates with varying service requirements to give a clear gloss finish, especially on porous substrate to provide good dustproofing properties.

FEATURES

- Fast dry – shorten recoating time
- Excellent gloss
- Smooth glossy surface facilitates cleaning
- Enhance aesthetic appearance

APPLICATION AREAS

- Suitable for floor wall protection as well as decorative use such as masonry stone, ink print concrete

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	Approximately 50µm DFT per coat
Theoretical Coverage	10L/m ² @ 50µm
Recoating Time	4 hrs @ 28°C

PACKAGING

Total	10L
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FLOOR-PRO 904 SF SCRATCH COAT

A two-component solvent-free epoxy resin filled resurfacing scratch coat.

FEATURES

- Solvent-free, low odour
- Seamless and hygienic finish when sealed
- Low maintenance
- High impact resistance
- Heavy duty for traffic
- Excellent chemical resistance

APPLICATION AREAS

- Areas for use in industrial floor, warehouse, chemical plants, manufacturing areas and car parks
- To provide protection for area subjected to heavy traffic, impact and chemical areas

Note: Product is not colour stable if exposed to UV light, hence it is recommended to finish with UV resistant topcoat to enhance the durability.

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	1 mm DFT per coat
Theoretical Coverage	1.4kg/m ² /mm
Recoating Time	12 hrs
Pot Life (working time)	45 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (10kg)	8	2

FLOOR-PRO 905 SF RAPID CURE EPOXY PUTTY

A two-component, 100% solid solvent-free rapid cure pigmented epoxy putty or scratch coat used to seal imperfections in the substrate.

FEATURES

- Seamless
- Solvent-free
- Non-sagging
- Rapid curing for fast return-to-service
- Fast installation
- Durable and heavy duty

APPLICATION AREAS

- Used as a rapid curing concrete repairing compound and sealing putty for fast return-to-service requirement

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	Minimum 200µm DFT per coat
Theoretical Coverage	0.20-1.00kg/m ² /coat
Recoating Time	Within 3-48 hrs @ 28°C
Pot Life (working time)	12 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (3kg)	2.26	0.74

FLOOR-PRO 906 SF PIGMENTED THIXOTROPIC EPOXY PUTTY

A two-component 100% solid solvent-free pigmented thixotropic epoxy putty used to seal imperfections in the substrate.

FEATURES

- Seamless
- Solvent-free
- Non-sagging
- Fast installation
- Durable and heavy duty

APPLICATION AREAS

- Used as a heavy duty sealing putty especially used on semi-dry screeds and also to patch holes and cracks in the concrete substrate
- It can also be used as a chemical resistant tile joint

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	Minimum 200 µm DFT per coat
Theoretical Coverage	0.20-0.40kg/m ² /coat
Recoating Time	Within 15-72 hrs @ 28°C
Pot Life (working time)	30 mins @ 30°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (3kg)	2.05	0.95

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FLOOR-PRO 907 SF EPOXY BONDING AGENT

A two-component, 100% solid solvent-free epoxy resin compound for bonding cementitious material. It is also ideal for faulty concrete repair which has long pot life and is able to cure at low temperatures and high humidity.

FEATURES

- High mechanical strength
- Excellent adhesion to a wide range of substrates
- Outstanding resistance against water and chemicals
- Negligible shrinkage

APPLICATION AREAS

- Used at construction joints for the structural reinforcement of beams and on decayed industrial flooring
- Sealing cracks in cement screeds, bonding of concrete crack repairing by V-cut method
- For grouting or anchoring and bonding steel to concrete
- For monolithic construction joints between fresh and hardened concrete

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	200µm DFT per coat
Theoretical Coverage	0.25-0.3kg/m ²
Recoating Time	Apply subsequent layer when tacky
Pot Life (working time)	10 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	4	1

FLOOR-PRO 909 SF STONE CARPET

A two-component solvent-based decorative clear UV resistant aliphatic high-grade polyurethane binder and topcoat for pebbles with water-tight features suitable to be used for outdoor and wet areas to achieve good slip resistance against slips and falls in vulnerable environments such as outdoor walkways, swimming pool decks, toilets, car porches etc.

FEATURES

- Seamless
- Weather resistance with aliphatic polyurethane chemistry
- Two-component formulation gives higher crosslinking for improved mechanical and chemical resistance
- Water-tight functionality
- Preserve the design of underlying decorative elements
- Improve stain and abrasion resistance of the decorative element
- Slip resistance option in wet environment
- Available in gloss, satin and matt finish

APPLICATION AREAS

- Used as a PU binder and clear topcoat and over decorative elements which require non-yellowing and non-chalking paint film upon exposure to external UV light or secondary light indoor
- Also available as anti-slip coating which is suitable as a slip resistance layer in wet environment such as exposed car park driveways or flat RC roof tops

APPLICATION GUIDE

Number of Coats	1-2 coats dependent on concrete porosity
Recommended Thickness	5 mm DFT for basecoat, 100µm DFT for topcoat
Theoretical Coverage	As basecoat 1kg:10kg (resin:pebbles) As topcoat 0.1-0.3kg/m ² /coat
Recoating Time	Within 48 hrs @ 28°C
Pot Life (working time)	60-75 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (5kg)	3.3	1.7

FLOOR-PRO 910 WB SCRATCH COAT

A two-component water dispersed ready to use scratch coat used to cover the imperfections on concrete.

FEATURES

- Can be used as a primer and top coat
- Less sensitive and tolerant with moisture when during application
- Environmentally friendly, zero VOC, solvent free, odourless
- Extremely good adhesion on concrete surfaces and most substrate
- Complies with BS 6920 requirement

APPLICATION AREAS

- Used for industrial floors, warehouses, chemical plants, manufacturing areas and car parks
- Areas subjected to heavy traffic, impact and chemicals

APPLICATION GUIDE

Number of Coats	1
Recommended Thickness	200µm DFT for coat
Theoretical Coverage	As topcoat 0.17kg/m ² /coat
Recoating Time	Within 14-18 hrs @ 28°C
Pot Life (working time)	30 mins @ 28°C

PACKAGING

Components	PART A (BASE)	PART B (HARDENER)
Total (10kg)	8	2

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