NIPPON PAINT



FLOOR-PRO

A Complete Guide to Flooring Solutions

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- Coating System
- Coatings

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FLOOR-PRO Products





FLOOR-PRO PRIMER

- FLOOR-PRO 102 WB EPOXY PRIMER RED
- FLOOR-PRO 103 WB CONDUCTIVE EPOXY PRIMER
- FLOOR-PRO 104 AQUA EPOXY PRIMER
- FLOOR-PRO 106 SF EPOXY PRIMER
- FLOOR-PRO 107 SF DAMP-PROOF EPOXY PRIMER
- FLOOR-PRO 108 SF UNIVERSAL PRIMER
- FLOOR-PRO 111 WB APCC PRIMER
- FLOOR-PRO 115 SF RAPID CURE EPOXY DAMP-PROOF PRIMER

FLOOR-PRO 102 WB Epoxy Primer Red

A two-component water-dispersed primer based on water-based epoxy-amine (modified amine cured).

FEATURES

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

APPLICATION AREAS

- New and hardened concrete substrates
- As a primer for epoxy and polyurethane floor coating
- As a primer for temporary cementitious moisture barrier

APPLICATION GUIDE		
Number of Coats	1 - 2 coats dependent on concrete porosity	
Theoretical Coverage	0.2 - 0.3 kg/m²/mm	
Recoating Time	Within 8 hrs @ 28 °C	
Pot Life (working time)	1 hr @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (20 kg)	4.3	15.7

FLOOR-PRO 103 WB Conductive Epoxy Primer

A two-component water-based conductive primer based on epoxy resin and polyamide hardener. Compliant with ESD Standard ANSI / ESD S.20.20.2007 .

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

APPLICATION AREAS

- 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	65 ± 20 µm DFT per coat	
Theoretical Coverage	0.2 kg/m²/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 (5 kg)	4.2	0.8

FLOOR-PRO 104 Aqua Epoxy Primer

A two-component water-based modified amine cured epoxy primer, designed to penetrate and seal porous surfaces in concrete. It also provides good adhesion for subsequent top coats. Suitable for use as a tie coat between concrete substratess and water-based top coats.

FEATURES

- Excellent adhesion on concrete surfaces
- Fast drying at ambient temperature
- Easy to apply
- Environmentally friendly
- Water-based
- Non-toxic, does not contain lead, mercury and heavy metals
- Certified Green Label under Singapore Green Building Council

APPLICATION AREAS

- Ideal as a primer coat, barrier coat or tie coat between any single-pack coatings, two-pack water-based top coats
- For application on concrete floors and walls in food factories, laboratories, institutions and interiors of buildings

APPLICATION GUIDE		
Number of Coats	1 - 2 coats dependent on concrete porosity	
Theoretical Coverage	0.15 - 0.19 L/m²/coat	
Recoating Time	Within 16 - 24 hrs @ 28 °C	
Pot Life (working time)	1 hr @ 28 °C	
PACKAGING		
Components	**PART A**	**PART B**
Total (5 L)	1	4
Total (20 L)	4	16

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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. It can also serve as a binder for solvent-free epoxy mortar.

FEATURES

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

APPLICATION AREAS

- Ideal for use on prepared concrete to seal the porosity and provide penetration to enhance adhesion for subsequent coating
- As primer for concrete substrates and epoxy mortar
- Binder for epoxy mortar

APPLICATION GUIDE		
Number of Coats	1 - 2 coats dependent on concrete porosity	
Theoretical Coverage	Primer for coating 0.2 - 0.3 kg/m²/coat Primer for mortar 0.4 - 0.6 kg/m²/coat	
Binder for Epoxy Mortar	2.2 kg/m²/mm (1 part of mixture: 8 to 10 parts of graded aggregates)	
Recoating Time	Min. 12 hrs @ 28 °C	
Pot Life (working time)	20 mins @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (5 kg)	3.37	1.63
Total (20 kg)	13.5	6.5

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 a wide range of top coats
- Low odour during application

APPLICATION AREAS

- Concrete substrates, membranes, mortar or topping, tiles

APPLICATION GUIDE		
Number of Coats	1 - 2 coats	
Theoretical Coverage	0.25 - 0.35 kg/m²/coat	
Recoating Time	Min. 8 hrs @ 28 °C	
Pot Life (working time)	40 mins @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (5 kg)	3.65	1.35
Total (20 kg)	14.6	5.4

FLOOR-PRO 108 SF Universal Primer

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

FEATURES

- Seamless
- Excellent adhesion on mineral substrates 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 - 2 coats	
Theoretical Coverage	0.24 - 0.34 kg/m²/coat	
Recoating Time	Min. 8 hrs @ 28 °C	
Pot Life (working time)	40 mins @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (5 kg)	3.65	1.35
Total (20 kg)	14.6	5.4

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FLOOR-PRO 111 WB APCC Primer

A water dispersion primer comprising specially formulated synthetic resin for treating porous substrates and materials to improve the adhesion of screeds, coatings, etc.

FEATURES

- Penetrative with good adhesion properties
- Reinforces and strengthens cement-based mixes
- Reduces shrinkage and cracking for repairs and screeding

APPLICATION AREAS

- As a bonding agent for cement-based mixes to concrete
- Repair of concrete/screed
- Filling injection grouts, tiling and setting mortars

APPLICATION GUIDE	
Number of Coats	1 - 2 coats
Theoretical Coverage	0.1 - 0.2 kg/m²/coat
Recoating Time	Approx. 30 mins @ 28 °C
PACKAGING	
Total (5 kg)	

FLOOR-PRO 115 SF Rapid Cure Epoxy Damp-Proof Primer

A two-component, rapid-cure solvent-free epoxy primer that serves as a dampness-tolerant primer with excellent adhesion to concrete, mineral surfaces, and various organic substrates. It provides long-lasting protection of floor coating systems.

FEATURES

- Fast return to service
- Excellent penetration into damp concrete to enhance adhesion
- Moisture-tolerant during application
- Compatible with a wide range of top coats
- Suitable for use as a rapid-cure patching compound for concrete repair
- Low odour during application

APPLICATION AREAS

- As a primer for floor coating systems such as epoxy and polyurethane systems on concrete substrates, membranes, mortar, topping and tiles
- When mixed with graded sand, as a patching compound for concrete repair

APPLICATION GUIDE		
Mixing Ratio	**PART A**	**PART B**
	2.34	2.66
Number of Coats	1 - 2 coats dependent on concrete porosity	
Theoretical Coverage	0.25 kg/m²/coat	
Pot Life (Working time)	10 mins @ 28 °C	
Recoating Time	Min. 1.5 hrs @ 28 °C	
Curing Time	Hard dry at 3 - 4 hrs @ 28 °C	
Substrate Temperature Relative to Dew Point	≥ 3 °C	
Recommended Application Temperature Range	Minimum 15 °C Maximum 35 °C	
Relative Humidity	< 85%	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (5 kg)	2.34	2.66

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FLOOR-PRO EPOXY MORTAR/ MOISTURE BARRIER

- FLOOR-PRO 106 SF EPOXY MORTAR
- FLOOR-PRO 203 SL EPOXY MOISTURE BARRIER

FLOOR-PRO 106 SF Epoxy Mortar

A three-component solvent-free epoxy underlayment for resinous flooring system. It is formulated with epoxy resin, filled with special filler, and applied between 3 mm to 10 mm.

FEATURES

- Solvent-free, low-odour
- Heavy-duty
- High impact resistance
- Excellent durability

APPLICATION AREAS

- Industrial floors, warehouses, chemical plants
- Carparks

APPLICATION GUIDE			
Number of Coats	1 coat		
Theoretical Coverage	2 kg/m²/mm		
Recoating Time	Min. 12 hrs @ 28 °C		
Pot Life (working time)	20 mins @ 28 °C		
PACKAGING			
Components	**PART A (BASE)**	**PART B (HARDENER)**	**PART C (AGGREGATE)**
Total (50 kg)	3.37	1.63	45

FLOOR-PRO 203 SL Epoxy Moisture Barrier

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

FEATURES

- Solvent-free, low odour
- Excellent mechanical strength and early strength
- Excellent flowability and self-smoothing
- Moisture-tolerant during application
- Compatible with a wide range of top coats
- 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 coat		
Recommended Thickness	2 - 4 mm per coat		
Theoretical Coverage	2 kg/m²/mm		
Recoating Time	Min. 24 hrs @ 28 °C		
Pot Life (working time)	20 mins @ 28 °C		
PACKAGING			
Components	**PART A (BASE)**	**PART B (HARDENER)**	**PART C (AGGREGATE)**
Total (24 kg)	1.5	2.5	20

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FLOOR-PRO EPOXY TOP COAT/ 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 307 SF EPOXY FINISH
- FLOOR-PRO 308 SF EPOXY CLEAR
- FLOOR-PRO 312 SF ESD EPOXY FINISH
- FLOOR-PRO 315 SL EPOXY FINISH
- FLOOR-PRO 316 SL ESD EPOXY FINISH
- FLOOR-PRO 317 SL NOVOLAC EPOXY FINISH
- FLOOR-PRO 331 SF RAPID CURE EPOXY FINISH
- FLOOR-PRO 332 SF NOVOLAC EPOXY FINISH
- FLOOR-PRO 333 SF 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 maintain
- Easy to apply

APPLICATION AREAS

- Ideal for areas that require good chemical, abrasion and impact resistance such as industrial floor coatings in factories and laboratories, and in the electronic communications, healthcare and petrochemical industries, etc.
- Ideal for areas that are subject to high vehicular traffic and load such as carparks and transport hubs

APPLICATION GUIDE		
Number of Coats	2 - 3 coats	
Recommended Thickness	130 - 170 µm DFT per coat	
Theoretical Coverage	0.19 - 0.26 kg/m²/coat	
Recoating Time	Min. 8 hrs @ 28 °C	
Pot Life (working time)	1 hr @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (5 kg)	3.5	1.5

FLOOR-PRO 302 Aqua Epoxy Finish

A two-component, high-performance water-based modified amine epoxy. Designed for protection of internal masonry surfaces such as cement or concrete floors and walls, 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, canteens, electronics and pharmaceutical industries, offices and institutions
- For applications on internal masonry surfaces such as concrete walls and floors with appropriate primer

APPLICATION GUIDE		
Number of Coats	2 - 3 coats	
Recommended Thickness	50 - 80 µm DFT per coat	
Theoretical Coverage	0.13 - 0.20 L/m²/coat	
Recoating Time	Min. 8 hrs @ 28 °C	
Pot Life (working time)	30 mins @ 28 °C	
PACKAGING		
Components	**PART A**	**PART B**
Total (5 L)	1	4
Total (20 L)	4	16

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FLOOR-PRO 303 WB Epoxy HD Finish

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

FEATURES

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

APPLICATION AREAS

- Ideal to be used as wall, floor and steel surfaces coating for dust proofing protection
- Recommended for areas that require easy maintenance and good chemical resistance
- Suitable for use in food industry, assembly plants, pharmaceutical industry, warehouses, carparks, clean room environments and light industrial areas

APPLICATION GUIDE		
Number of Coats	3 coats	
Recommended Thickness	Floor ~90 µm per coat Wall ~50 µm per coat	
Theoretical Coverage	Floor ~0.25 / Wall ~0.15 kg/m²/coat	
Recoating Time	Min. 8 hrs @ 28 °C	
Pot Life (working time)	40 mins @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (5 kg)	0.7	4.3
Total (20 kg)	2.8	17.2

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 a dustproofing coating in application areas such as electronics, food and pharmaceutical industries, carparks, and chemical production and processing areas
- Applied as a protective clear coat on old painted substrates to restore the original look

APPLICATION GUIDE			
Number of Coats	2 - 3 coats		
Recommended Thickness	30 µm DFT per coat		
Theoretical Coverage	0.06 kg/m²/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 (3.8 kg)	Gloss	2.3	1.5
Total (4 kg)	Satin	2.5	1.5
Total (4.5 kg)	Matt	3	1.5

FLOOR-PRO 307 SF Epoxy Finish

A two-component, solvent-free high grade epoxy coating. It can be used on primed floor as a chemical, oil and abrasion resistant 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 maintain
- Can be designed as an anti-slip system

APPLICATION AREAS

- Used as coloured coatings for surfaces with light mechanical stress and traffic, and for heavy-duty surfaces with epoxy mortar combinations
- Areas that require high oil and abrasion 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 - 3 coats	
Recommended Thickness	200 - 300 µm DFT per coat	
Theoretical Coverage	0.3 - 0.5 kg/m²/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)**
Total (20 kg)	16.75	3.25

FLOOR-PRO 308 SF Epoxy Clear

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

FEATURES

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

APPLICATION AREAS

- Ideal to be used as a clear abrasion resistance top coat 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 - 300 µm DFT per coat	
Theoretical Coverage	0.22 - 0.33 kg/m²/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 (10 kg)	6.2	3.8

DISCLAIMER
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FLOOR-PRO 312 SF ESD Epoxy Finish

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

FEATURES

- Solvent-free, low odour
- Hygienic, easy to clean and maintain
- High chemical resistance to wide range of chemicals
- Good abrasion resistance against medium traffic and trolley movement
- Electrostatic conductive
- Hard-wearing floor finish
- Seamless
- Compliant with ANSI / ESD S20.20 - Human Body Voltage System Resistance

APPLICATION AREAS

- Floor areas that require conductive properties and areas subject to medium traffic
- Ideal for use in military arsenals, ammunition dumps, electronics industry, semi-conducting device areas, high power stations, explosion risk plants, clean rooms, warehouses, assembly automotive plants, aircraft hangars, electronic plants and R&D laboratories

APPLICATION GUIDE		
Number of Coats	2 coats	
Recommended Thickness	140 µm DFT per coat	
Theoretical Coverage	0.2 kg/m²/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 (21 kg)	18	3

FLOOR-PRO 315 SL Epoxy Finish

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

FEATURES

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

APPLICATION AREAS

- Ideal for use on prepared and primed concrete floors in medium to heavy-duty industrial environments

APPLICATION GUIDE			
Number of Coats	1 coat		
Recommended Thickness	1 - 2 mm DFT per coat		
Theoretical Coverage	1.80 kg/m²/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 (18 kg)	7.45	2.55	8

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FLOOR-PRO 316 SL ESD Epoxy Finish

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

FEATURES

- Solvent-free, low odour
- Electrostatic conductive
- Hygienic, easy to clean and maintain
- High chemical resistance to a wide range of chemicals
- Good abrasion resistance against medium traffic and trolley movement
- Hard-wearing finish for floors
- Seamless
- Compliant with ANSI / ESD S20.20 - Human Body Voltage System Resistance

APPLICATION AREAS

- Floor areas that require conductive properties and areas subject to medium traffic
- Ideal for use in military arsenals, ammunition dumps, electronics industry, semi-conducting device areas, high power stations, explosion risk plants, clean rooms, warehouses, assembly automotive plants, aircraft hangars, electronic plants and R&D laboratories

APPLICATION GUIDE		
Number of Coats	1 coat	
Recommended Thickness	1 - 2 mm DFT per coat	
Theoretical Coverage	1.4 kg/m²/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 (21 kg)	18	3

FLOOR-PRO 317 SL Novolac Epoxy Finish

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

FEATURES

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

APPLICATION AREAS

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

APPLICATION GUIDE		
Number of Coats	1 coat	
Recommended Thickness	1 - 2 mm DFT per coat subjected to chemical resistance	
Theoretical Coverage	1.4 kg/m²/coat	
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 (5 kg)	4	1

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FLOOR-PRO 331 SF Rapid Cure Epoxy Finish

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

FEATURES

- Solvent-free, low odour
- Rapid curing to meet fast return-to-service requirements and reduce downtime
- High chemical resistance
- Good abrasion resistance
- Dust-free, easy to clean and maintain
- Seamless

APPLICATION AREAS

- As a top coat on properly prepared concrete substrates
- Medium-duty industrial and dry processing areas that require good chemical, abrasion and impact resistance such as industrial floors, pulp paper printers, mills, refineries, carpark decks, automotive assembly plants, aircraft hangars, garages, laboratories, electronics cleanrooms, and pharmaceutical settings

APPLICATION GUIDE		
Mixing Ratio	**PART A**	**PART B**
	3.97	1.03
Number of Coats	2 - 3 coats	
Recommended Thickness	140 - 180 µm DFT per coat	
Theoretical Coverage	0.15 - 0.20 kg/m²/coat	
Pot Life (working time)	15 mins @ 28 °C	
Recoating Time	2 - 12 hrs @ 28 °C	
Curing Time		30 °C
	Foot traffic (hrs)	2
	Light traffic (hrs)	6
	Exposure to chemicals (hrs)	72
Substrate Temperature Relative to Dew Point	≥ 3 °C	
Recommended Application Temperature Range	Minimum 15 °C Maximum 35 °C	
Relative Humidity	< 85%	

PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (5 kg)	3.97	1.03

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FLOOR-PRO 332 SF Novolac Epoxy Finish

A two-component, solvent-free novolac epoxy resin floor finish that provides a dust-free, seamless, glossy finish with high chemical and abrasion resistance.

FEATURES

- Solvent-free, low odour
- High compressive strength
- High wear, abrasion and impact resistance
- High resistance to a wide range of chemicals
- Dust-free, easy to clean and maintain
- Compliant with BS6920 requirement

APPLICATION AREAS

- As a coloured coating for surfaces with light mechanical stress and traffic
- Heavy-duty surfaces, when combined with epoxy mortar
- Dry processing areas such as laboratories, electronics clean rooms, automotive assembly plants, aircraft hangars, pharmaceutical settings, pulp paper printers, mills, refineries and other industrial plants and sectors where chemical resistance is required

APPLICATION GUIDE				
Mixing Ratio	**PART A**		**PART B**	
	4		1	
Number of Coats	2 - 3 coats			
Recommended Thickness	Approximately 140 µm DFT per coat			
Theoretical Coverage	0.2 kg/m²/coat			
Pot Life (working time)	30 mins @ 28 °C			
Recoating Time	Within 12 - 24 hrs @ 28 °C			
Curing Time		15 °C	25 °C	32 °C
	Foot traffic (hrs)	24	20	18
	Light Traffic (hrs)	36	30	24
	Exposure to chemicals (hrs)	240	168	168
Substrate Temperature Relative to Dew Point	≥ 3 °C			
Recommended Application Temperature Range	Minimum 5 °C Maximum 40 °C			
Relative Humidity	< 85%			

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

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FLOOR-PRO 333 SF Epoxy Finish

A two-component, solvent-free specialty grade epoxy coating, used on primed floor as a highly chemical-, oil- and abrasion-resistant finishing coat.

FEATURES

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

APPLICATION AREAS

- As a coloured coating for surfaces with light mechanical stress and traffic
- Heavy-duty surfaces, when combined with epoxy mortar
- Areas that require high oil and abrasion resistance against high vehicular traffic and load such as industrial surfaces, storage rooms, garage floors, pedestrian areas, and technical centres

APPLICATION GUIDE		
Mixing Ratio	**PART A**	**PART B**
	16.75	3.25
Number of Coats	2 - 3 coats	
Recommended Thickness	200 - 300 µm DFT per coat	
Theoretical Coverage	0.3 - 0.5 kg/m²/coat	
Pot Life (working time)	20 mins @ 28 °C	
Recoating Time	Within 6 - 24 hrs @ 28 °C	
Curing Time		30 °C
	Foot traffic (hrs)	6
	Light traffic (hrs)	72
	Exposure to chemicals (hrs)	168
Substrate Temperature Relative to Dew Point	≥ 3 °C	
Recommended Application Temperature Range	Minimum 15 °C Maximum 35 °C	
Relative Humidity	< 85%	

PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (20 kg)	16.75	3.25

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FLOOR-PRO POLYURETHANE SCREED & TOP COAT CLEAR

- FLOOR-PRO 401 WB PU MF SCREED
- FLOOR-PRO 402 WB PU HD SCREED
- FLOOR-PRO 403 SL CONDUCTIVE PU SCREED
- FLOOR-PRO 407 SB PU FINISH
- FLOOR-PRO 408 SB PU FINISH ANTI-SLIP

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 to a wide service temperature range from -5 °C to 100 °C
- Anti-microbial
- Compliant with HACCP requirement

APPLICATION GUIDE					
Recommended Thickness	Minimum 3 mm Maximum 6 mm } subjected to service temperature				
Theoretical Coverage	1.9 kg/m²/mm				
Recoating Time	Within 14 - 18 hrs @ 28 °C				
Pot Life (working time)	28 mins @ 15 °C 22 mins @ 25 °C 16 mins @ 30 °C				
PACKAGING					
Components	**PART A (BASE)**	**PART B (HARDENER)**	**PART C (COLOUR FILLER)**	**PART D (FILLER)**	
Total (20 kg)	3	3	0.5	13.5	

APPLICATION AREAS

- Ideal for use in abattoirs, 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 systems

FLOOR-PRO 402 WB PU HD Screed

A five-component, thermal shock polyurethane mortar screed applied at 6 mm to 12 mm thickness. It is ideal to for use as a 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
- Compliant with HACCP requirement

APPLICATION GUIDE						
Recommended Thickness	Minimum 6 mm Maximum 12 mm } subjected to service temperature					
Theoretical Coverage	2.1 kg/m²/mm					
Recoating Time	Within 14 - 18 hrs @ 28 °C					
Pot Life (working time)	30 mins @ 15 °C 25 mins @ 25 °C 22 mins @ 30 °C					
PACKAGING						
Components	**PART A (BASE)**	**PART B (HARDENER)**	**PART C (COLOUR FILLER)**	**PART D (FILLER)**	**PART E (FILLER HD)**	
Total (32 kg)	3	3	0.5	13.5	12	

APPLICATION AREAS

- Ideal for use on hygienic industrial floors, and in 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 systems

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 GUIDE						
Recommended Thickness	Minimum 3 mm Maximum 6 mm } subjected to service temperature					
Theoretical Coverage	1.9 kg/m²/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 (CONDUCTIVE FILLER)**	**PART D (COLOUR PASTE)**	**PART E (FILLER)**	
Total (18 kg)	3	3	0.2	0.5	11.3	

APPLICATION AREAS

- Ideal for high-tech manufacturing that requires flooring with conductive properties, and areas with hygienic requirements that are subject to medium traffic and impact, and surfaces without the risk of static buildup
- For use in military arsenals, ammunition dumps, electronics industry, semi-conducting device areas, high power stations and explosion risk plants

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 a wide range of chemicals
- Abrasion resistance against light or high traffic
- Hard-wearing

APPLICATION AREAS

- Ideal for use as a clear or coloured coating for areas with light, medium and high traffic, industrial and commercial floors and walls
- Recommended for use in carparks, garages, warehouses, pedestrian areas, laboratories, electronic clean rooms, pharmaceutical industry, refineries, printing pulp paper mills, bridge tunnels, roofing and other industrial plants and sectors
- Areas used for GMP, hygienic industrial floors in 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 - 3 coats		
Recommended Thickness	70 µm DFT per coat		
Theoretical Coverage	0.13 - 0.15 kg/m²/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 (5 kg)	Coloured - Gloss	4	1
Total (5.5 kg)	Coloured - Satin	4.5	1
Total (6 kg)	Coloured - Matt	5	1
Total (5 kg)	Clear - Gloss	3	2
Total (5 kg)	Clear - Satin	4	1
Total (5.5 kg)	Clear - Matt	4.5	1

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FLOOR-PRO 408 SB PU Finish Anti-Slip

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

FEATURES

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

APPLICATION AREAS

- Ideal for use in carparks decks, garages, warehouses, pedestrian areas, laboratories, electronic clean rooms, pharmaceutical industry, refineries, printing pulp and paper mills, bridge tunnels, roofing and other industrial plants and sectors where chemical resistance is required

APPLICATION GUIDE				
Number of Coats	2 - 3 coats			
Recommended Thickness	80 µm DFT per coat			
Theoretical Coverage	0.1 kg/m²/coat			
Recoating Time	Within 12 - 48 hrs @ 28 °C			
Pot Life (working time)	2 hrs @ 28 °C			
PACKAGING				
Components	**Gloss Level**	**PART A (BASE)**	**PART B (HARDENER)**	**PART C (FILLER)**
Total (5.15 kg)	Coloured - Gloss	4	1	0.15
Total (5.65 kg)	Coloured - Satin	4.5	1	0.15
Total (6.15 kg)	Coloured - Matt	5	1	0.15
Total (5.15 kg)	Clear - Gloss	3	2	0.15
Total (5.15 kg)	Clear - Satin	4	1	0.15
Total (5.65 kg)	Clear - Matt	4.5	1	0.15

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FLOOR-PRO OVERLAYMENT/ UNDERLAYMENT

- FLOOR-PRO 501 RE-SURFACING SCREED



FLOOR-PRO 501 Re-Surfacing Screed

A two-component, acrylic polymer cementitious coating used for the resurfacing, repairing and patching of concrete surfaces. It provides high resistance to abrasion and skidding, and is suitable for use in internal and external areas.

FEATURES

- Excellent workability
- Good adhesion strength to concrete
- Resistance to abrasion, impact and water
- Available in Smooth, Broom and Carpark finishes

APPLICATION AREAS

- Areas that require resistance to abrasion and skidding such as pavements, walkways and void deck aprons
- Carparks

APPLICATION GUIDE		
Number of Coat	1 - 2 coats	
Theoretical Coverage	1.7 kg/m²/coat	
Recoating Time	Min. 6 hrs @ 28 °C	
Pot Life (working time)	20 mins @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (AGGREGATE)**
Total (30 kg)	5 kg	25 kg

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FLOOR-PRO FLOOR HARDENER

- FLOOR-PRO 601 LIQUID FLOOR HARDENER
- FLOOR-PRO 602 DRY SHAKE 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. Since it acts as a concrete treatment and not a surface coating, it will not change the natural colour of the concrete. It can be applied on old and green concrete, but is not suitable for natural stone.

FEATURES

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

APPLICATION GUIDE	
Number of Coats	2 coats
Theoretical Coverage	840 m^2/mixing of 28 kg (pail)
Recoating Time	Within 2 - 4 hrs
PACKAGING	
Total	28 kg (pail)

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
- Improve the density of new concrete to reduce penetration of oil, grease and other chemical solutions

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 to give 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%
- Improves resistance to oil, grease and water penetration
- Easy to clean

APPLICATION AREAS

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

APPLICATION GUIDE			
	Light duty	**Medium duty**	**Heavy-duty**
Theoretical Coverage	3 kg/m^2	4 kg/m^2	6 kg/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	25 kg (paper bag)		

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 and last longer
- Enhances colour, gloss and clarity
- Helps prevent stains
- Minimises 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 colour
- Improves resistance to staining
- Improves scratch resistance

APPLICATION GUIDE	
Appearance	Clear liquid
VOC	Compliant (0 g/l)
PACKAGING	
Total	5 L

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FLOOR-PRO SPORTS/ OUTDOOR

- FLOOR-PRO 701 SPORT FLOOR BASECOAT
- FLOOR-PRO 912 WB ACRYLIC TOPCOAT

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	1.8 kg/m²/mm	
Recoating Time	Within 2 hrs - 7 days @ 28 °C	
Pot Life (working time)	1 hr @ 28 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (39 kg)	18	21

FLOOR-PRO 912 WB Acrylic Topcoat

A hard-wearing one-component, water-based acrylic coating designed for light duty with fast drying and short recoating times.

FEATURES

- High hardness and good wear resistance
- Good weathering resistance
- Good alkali resistance
- Fast drying and short recoating times
- Water-based, low-odour and environmentally friendly

APPLICATION AREAS

- Asphalt and concrete surfaces such as garage floors, walkways and pedestrian areas
- Light-traffic areas
- Non-regulated sports floors

APPLICATION GUIDE		
Number of Coats	3 coats	
Recommended Thickness	50 - 60 µm DFT per coat	
Theoretical Coverage	0.15 - 0.25 kg/m²/coat	
Dilution	Up to 10% of clean water	
Recoating Time	Min. 1 hr @ 28 °C	
Curing Time		30 °C
	Foot traffic (hrs)	24
	Light traffic (hrs)	72
	Exposure to chemicals (hrs)	168
Substrate Temperature Relative to Dew Point	≥ 3 °C	
Recommended Application Temperature Range	Minimum 15 °C Maximum 40 °C	
Relative Humidity	< 85%	
PACKAGING		
Total	12 kg	

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FLOOR-PRO OTHERS

- FLOOR-PRO 903 SB ACRYLIC CONCRETE SEALER
- FLOOR-PRO 914 SF EPOXY PUTTY
- FLOOR-PRO 915 ANTISLIP AGGREGATE

FLOOR-PRO 903 SB Acrylic Concrete Sealer

A one-component sealer with a clear gloss finish, suitable for use on a wide range of substrates with varying service requirements. Its dust-proofing properties make it especially suitable for porous substrates.

FEATURES

- Fast dry – shortens recoating time
- Excellent gloss
- Smooth glossy surface facilitates cleaning
- Enhances aesthetic appearance

APPLICATION AREAS

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

APPLICATION GUIDE	
Number of Coats	1 - 2 coats dependent on concrete porosity
Recommended Thickness	Approximately 50 µm DFT per coat
Theoretical Coverage	0.1 L/m²/coat @ 50 µm
Recoating Time	4 hrs @ 28 °C
PACKAGING	
Total	10 L

FLOOR-PRO 914 SF Epoxy Putty

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

FEATURES

- Solvent-free
- Excellent bond strength
- Thixotropic with good sag resistance
- Fast setting
- Resistant to a wide range of chemicals

APPLICATION AREAS

- At construction joints for the structural reinforcement of beams, columns, slabs, steel bars, bolts, etc.
- Sealing cracks in concrete
- Bonding steel to concrete

APPLICATION GUIDE		
Mixing Ratio	**PART A**	**PART B**
	2	1
Number of Coats	As required	
Recommended Thickness	Up to 3 mm DFT per coat	
Complete Hardening Time	7 days	
Pot Life (working time)	45 mins @ 28 °C	
Recoating Time	30 mins	
Substrate Temperature Relative to Dew Point	≥ 3 °C	
Recommended Application Temperature Range	Minimum 5 °C Maximum 40 °C	
Relative Humidity	< 85%	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (7.5 kg)	5	2.5

FLOOR-PRO 915 Antislip Aggregate

Polypropylene powder that increases the slip resistance of FLOOR-PRO finishes.

FEATURES

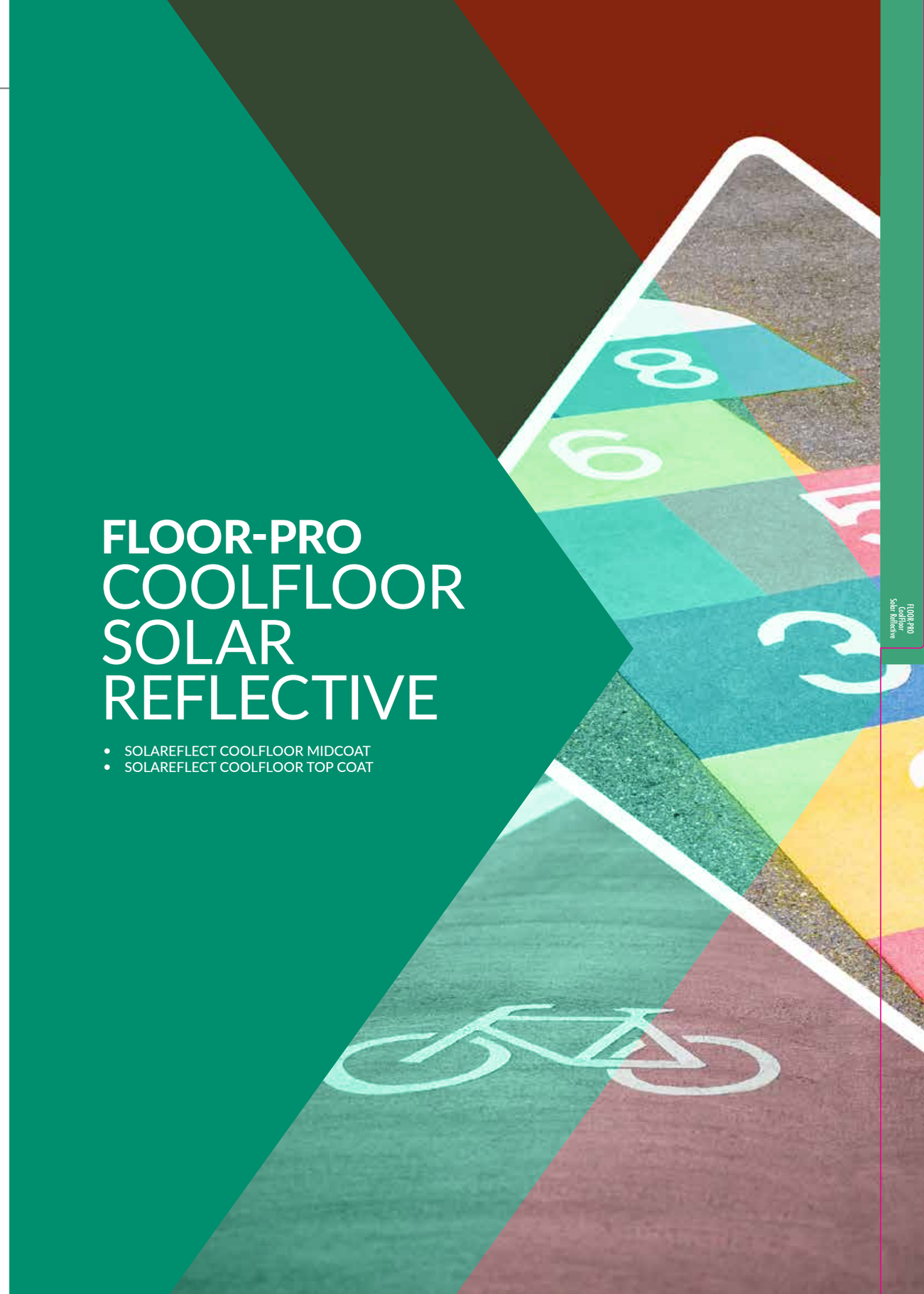
- Increases slip resistance
- Reduces gloss of coating
- High chemical resistance to a wide range of chemicals
- Abrasion resistance against light to heavy traffic
- Easy to mix and apply
- Available in Fine, Medium and Coarse grades

PACKAGING			
Particle Size	**Fine:**	45 - 75 µm	0.8 kg
	Medium:	75 - 200 µm	
	Coarse:	75 - 500 µm	

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FLOOR-PRO COOLFLOOR SOLAR REFLECTIVE

- SOLAREFLECT COOLFLOOR MIDCOAT
- SOLAREFLECT COOLFLOOR TOP COAT



SOLAREFLECT CoolFloor Midcoat

A two-component water-based Acrylic Epoxy Hybrid (AEH) coating, designed to enhance the solar reflective properties of a body coat to accept aggregates for a superior slip-resistant finish. It is suitable for pavement, asphalt and concrete surfaces.

FEATURES

- Water-based
- Low odour
- Durable
- High hardness and good abrasion resistance
- Chemical and corrosion resistance properties
- Excellent penetration power into porous substrate
- Due to high solar energy reflection, less heat build-up results in improved thermal comfort
- Good resistance to aggressive and severe weather conditions
- Non-toxic, does not contain lead, mercury and heavy metals

APPLICATION AREAS

- New and existing pavement, asphalt and concrete surfaces
- As a body coat to accept anti-skid aggregates

APPLICATION GUIDE		
Number of Coats	1 coat as required	
Recommended Thickness	0.1 - 0.2 mm per coat, concrete surface	
Theoretical Coverage	0.2 - 0.4 kg/m² for concrete surface, 0.3 - 0.5 kg/m² for asphalt	
Recoating Time	2 hrs @ 30 °C	
Pot Life (working time)	4 hrs @ 25 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (20 kg)	10	10

SOLAREFLECT CoolFloor Top Coat

A two-component water-based Acrylic Epoxy Hybrid (AEH) coating, designed to enhance the appearance of surfaces and protect them from heat build-up. When paired with SolaReflect Cool Paint system, it is able to improve thermal comfort by effectively reflecting large amounts of solar energy while keeping the surrounding areas cool.

FEATURES

- Water-based
- Low odour
- Durable
- High hardness and good abrasion resistance
- Chemical and corrosion resistance properties
- Excellent penetration power into porous substrate
- Due to high solar energy reflection, less heat build-up results in improved thermal comfort
- Good resistance to aggressive and severe weather conditions
- Non-toxic, does not contain lead, mercury and heavy metals

APPLICATION AREAS

- Primed asphalt, pavement and concrete floors, such as walkways, pedestrian areas, park connectors, carparks, schools, playgrounds, cycle lanes, bus lanes and driveways

APPLICATION GUIDE		
Number of Coats	2 - 3 coats as required	
Recommended Thickness	0.1 - 0.2 mm per coat, concrete surface	
Theoretical Coverage	0.1 - 0.3 kg/m² for concrete surface, 0.2 - 0.4 kg/m² for asphalt surface	
Recoating Time	2 hrs @ 30 °C	
Pot Life (working time)	4 hrs @ 25 °C	
PACKAGING		
Components	**PART A (BASE)**	**PART B (HARDENER)**
Total (20 kg)	10	10

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FLOOR-PRO Coating Systems



SYSTEM A

FLOOR-PRO COMMERCIAL & INDUSTRIAL

- WATER-BASED EPOXY COATING SYSTEM:
  For Intermediate Concrete Floor Slab
  – System A1
  – System A2
  For Ground-Bearing Concrete Slab
  – System A3
  – System A4
- SOLVENT-FREE EPOXY COATING SYSTEM:
  For Intermediate Concrete Floor Slab – System A5
  For Ground-Bearing Concrete Slab – System A6
- UV-RESISTANT PU COATING SYSTEM:
  For Intermediate Concrete Floor Slab – System A7
  For Ground-Bearing Concrete Slab – System A8
- UV-RESISTANT PU ANTI-SLIP COATING SYSTEM:
  For Intermediate Concrete Floor Slab – System A9
  For Ground-Bearing Concrete Slab – System A10
- SELF-SMOOTHING EPOXY COATING SYSTEM:
  For Intermediate Concrete Floor Slab – System A11
  For Ground-Bearing Concrete Slab – System A12
- SOLVENT-FREE HIGH CHEMICAL-RESISTANCE EPOXY COATING SYSTEM:
  For Intermediate Concrete Floor Slab – System A13
  For Ground-Bearing Concrete Slab – System A14
- GENERAL PURPOSE WALKWAY COATING SYSTEM:
  – System A15
  – System A16

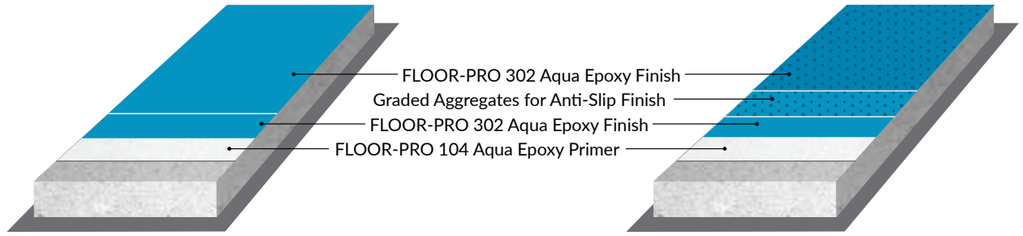
Water-Based Epoxy Coating System

For Intermediate Concrete Floor Slab

Systems A1: 3-Coat Water-Based Vapour Permeable Epoxy Coating

Smooth Finish

Anti-Slip Finish
(Sand Broadcast)



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 104 Aqua Epoxy Primer			
Total (5 L)	-	1	4
Total (20 L)	-	4	16
FLOOR-PRO 302 Aqua Epoxy Finish			
Total (5 L)	Gloss	1	4
Total (20 L)	Gloss	4	16

ABRASION RESISTANCE · NON-TOXIC · GREEN CERTIFIED

Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 104 Aqua Epoxy Primer	0.15 - 0.19 L/m²/coat	-	1 - 2	Within 16 - 24 hrs @ 28 °C	1 hr @ 28 °C
Base Coat	FLOOR-PRO 302 Aqua Epoxy Finish	0.13 - 0.2 L/m²/coat	50 - 80 µm DFT per coat	2 - 3	Min. 8 hrs @ 28 °C	30 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 302 Aqua Epoxy Finish	0.13 - 0.2 L/m²/coat	50 - 80 µm DFT per coat	2 - 3	Min. 8 hrs @ 28 °C	30 mins @ 28 °C

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Water-Based Epoxy Coating System
For Intermediate Concrete Floor Slab

Systems A2: 3-Coat Water-Based Vapour Permeable High Performance Self-Priming Epoxy



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 303 WB Epoxy HD Finish			
Total (5 kg)	Satin	0.7	4.3
Total (20 kg)	Satin	2.8	17.2

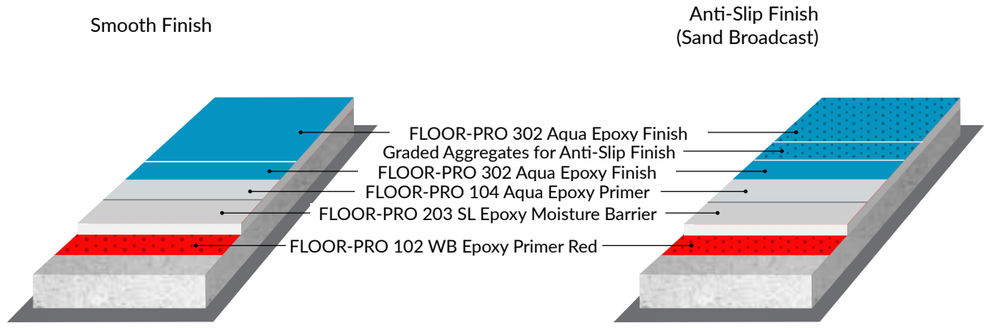
SELF-PRIMING · MOISTURE-TOLERANT · EXCELLENT ADHESION · GREEN CERTIFIED

Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Base Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	40 mins @ 28 °C

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Water-Based Epoxy Coating System
For Ground-Bearing Concrete Slab

Systems A3: 3-Coat Water-Based Vapour Permeable Epoxy Coating with 2.0 mm Temporary Moisture Barrier



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 104 Aqua Epoxy Primer				
Total (5 L)	-	1	4	-
Total (20 L)	-	4	16	-
FLOOR-PRO 302 Aqua Epoxy Finish				
Total (5 L)	Gloss	1	4	-
Total (20 L)	Gloss	4	16	-

ABRASION RESISTANCE · NON-TOXIC · GREEN CERTIFIED

Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C
Primer	FLOOR-PRO 104 Aqua Epoxy Primer	0.15 - 0.19 L/m²/coat	-	1 - 2	Within 16 - 24 hrs @28 °C	1 hr @ 28 °C
Mid Coat	FLOOR-PRO 302 Aqua Epoxy Finish	0.13 - 0.2 L/m²/coat	50 - 80 µm DFT per coat	2 - 3	Min. 8 hrs @ 28 °C	30 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 302 Aqua Epoxy Finish	0.13 - 0.2 L/m²/coat	50 - 80 µm DFT per coat	2 - 3	Min. 8 hrs @ 28 °C	30 mins @ 28 °C

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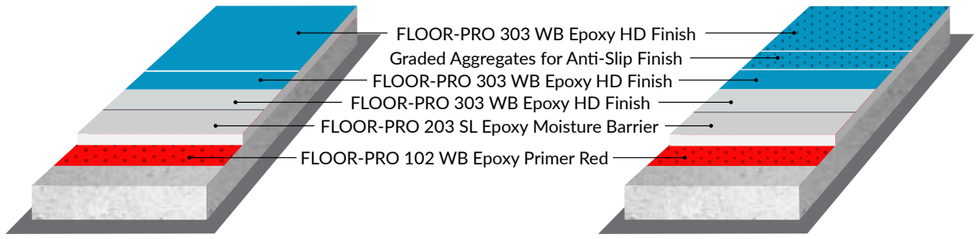
Water-Based Epoxy Coating System

For Ground-Bearing Concrete Slab

Systems A4: 3-Coat Water-Based Vapour Permeable High Performance Self-Priming Epoxy Coating

Smooth Finish

Anti-Slip Finish
(Sand Broadcast)



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 303 WB Epoxy HD Finish				
Total (5 kg)	Satin	0.7	4.3	-
Total (20 kg)	Satin	2.8	17.2	-



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C
Primer	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Mid Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	40 mins @ 28 °C

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Solvent-Free Epoxy Coating System

For Intermediate Concrete Floor Slab

Systems A5: 3-Coat Solvent Free Epoxy Coating

Smooth Finish

Anti-Slip Finish
(Sand Broadcast)



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 108 SF Universal Primer			
Total (5 kg)	-	3.65	1.35
Total (20 kg)	-	14.6	5.4
FLOOR-PRO 333 SF Epoxy Finish			
Total (20 kg)	Gloss	16.75	3.25

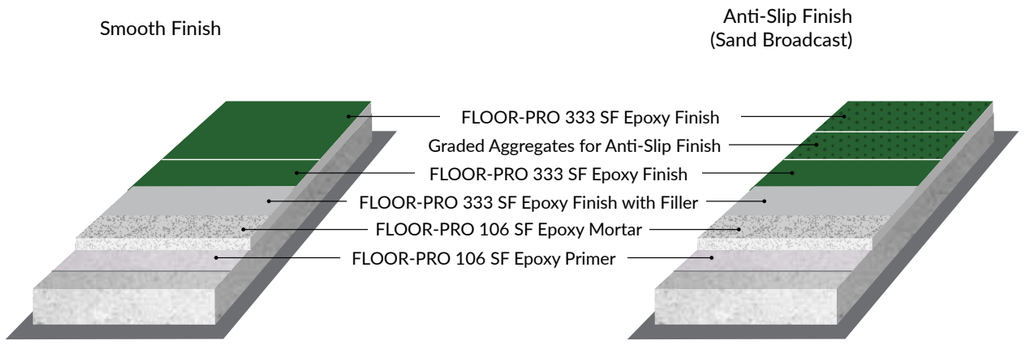


Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C

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Solvent-Free Epoxy Coating System
For Ground-Bearing Concrete Slab

Systems A6: 3-Coat Solvent-Free Epoxy Coating with 5.0 mm Epoxy Mortar for Impact Resistance



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 106 SF Epoxy Primer				
Total (5 kg)	-	3.37	1.63	-
Total (20 kg)	-	13.5	6.5	-
FLOOR-PRO 106 SF Epoxy Mortar				
Total (50 kg)	-	3.37	1.63	45
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	Gloss	16.75	3.25	-

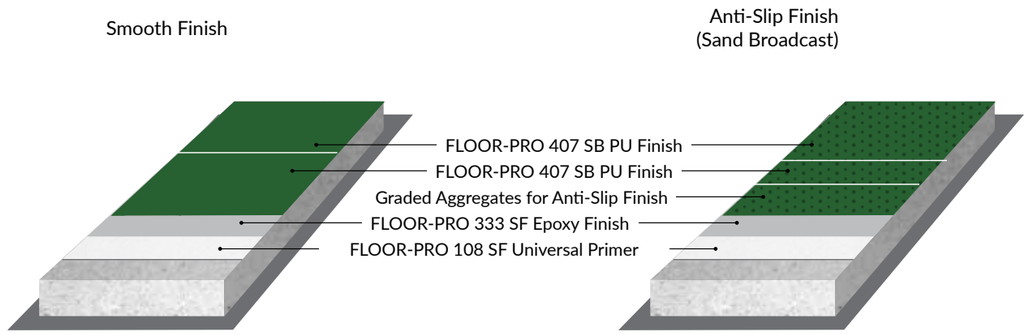


Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 106 SF Epoxy Primer	0.2 - 0.3 kg/m²/coat	-	1 - 2	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Epoxy Mortar	FLOOR-PRO 106 SF Epoxy Mortar	2 kg/m²/mm	Min. 5.0 mm	1	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Scratch Coat	FLOOR-PRO 333 SF Epoxy Finish with Filler	-	-	1	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C

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UV-Resistant PU Coating System
For Intermediate Concrete Floor Slab

Systems A7: 4-Coat UV-Resistant PU Coating



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 108 SF Universal Primer			
Total (5 kg)	-	3.65	1.35
Total (20 kg)	-	14.6	5.4
FLOOR-PRO 333 SF Epoxy Finish			
Total (20 kg)	Gloss	16.75	3.25
FLOOR-PRO 407 SB PU Finish			
Total (5 kg)	Gloss	4	1
Total (5.5 kg)	Satin	4.5	1
Total (6 kg)	Matt	5	1



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Optional Anti-slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Mid Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C
Final Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C

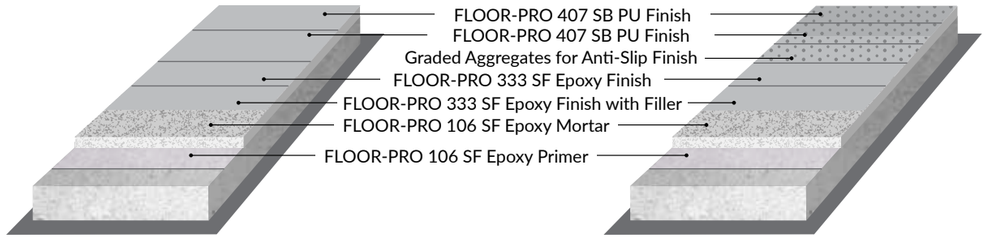
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UV-Resistant PU Coating System
For Ground-Bearing Concrete Slab

Systems A8: 4-Coat UV-Resistant PU Coating with 5.0 mm Epoxy Mortar for Impact Resistance

Smooth Finish

Anti-Slip Finish
(Sand Broadcast)



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 106 SF Epoxy Primer				
Total (5 kg)	-	3.37	1.63	-
Total (20 kg)	-	13.5	6.5	-
FLOOR-PRO 106 SF Epoxy Mortar				
Total (50 kg)	-	3.37	1.63	45
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	Gloss	16.75	3.25	-
FLOOR-PRO 407 SB PU Finish				
Total (5 kg)	Gloss	4	1	-
Total (5.5 kg)	Satin	4.5	1	-
Total (6 kg)	Matt	5	1	-



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 106 SF Epoxy Primer	0.2 - 0.3 kg/m²/coat	-	1 - 2	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Epoxy Mortar	FLOOR-PRO 106 SF Epoxy Mortar	2 kg/m²/mm	Min. 5.0 mm	1	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Scratch Coat	FLOOR-PRO 333 SF Epoxy Finish with Filler	-	-	1	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DPT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Mid Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C
Final Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C

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UV-Resistant PU Anti-Slip Coating System
For Intermediate Concrete Floor Slab

Systems A9: 4-Coat UV-Resistant PU Coating, Anti-Slip (Mixed in)

Anti-Slip Finish
(Sand Broadcast)



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 108 SF Universal Primer			
Total (5 kg)	-	3.65	1.35
Total (20 kg)	-	14.6	5.4
FLOOR-PRO 333 SF Epoxy Finish			
Total (20 kg)	Gloss	16.75	3.25
FLOOR-PRO 407 SB PU Finish			
Total (5 kg)	Gloss	4	1
Total (5.5 kg)	Satin	4.5	1
Total (6 kg)	Matt	5	1



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Mid Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C
Final Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C

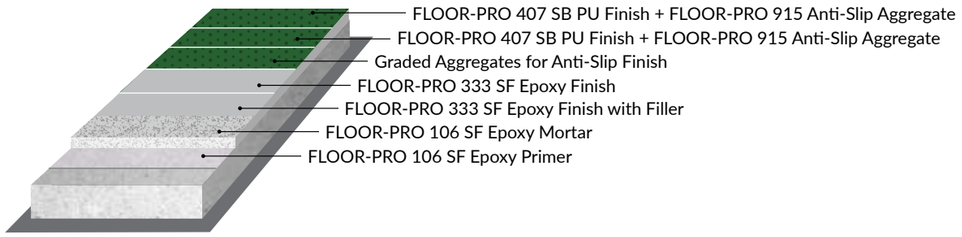
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UV-Resistant PU Anti-Slip Coating System

For Ground-Bearing Concrete Slab

Systems A10: 4-Coat UV-Resistant PU Coating, Anti-Slip (Mixed in) with 5.0 mm Epoxy Mortar for Impact Resistance

Anti-Slip Finish
(Sand Broadcast)



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 106 SF Epoxy Primer				
Total (5 kg)	-	3.37	1.63	-
Total (20 kg)	-	13.5	6.5	-
FLOOR-PRO 106 SF Epoxy Mortar				
Total (50 kg)	-	3.37	1.63	45
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	Gloss	16.75	3.25	-
FLOOR-PRO 407 SB PU Finish				
Total (5 kg)	Gloss	4	1	-
Total (5.5 kg)	Satin	4.5	1	-
Total (6 kg)	Matt	5	1	-



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 106 SF Epoxy Primer	0.2 - 0.3 kg/m²/coat	-	1 - 2	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Epoxy Mortar	FLOOR-PRO 106 SF Epoxy Mortar	2 kg/m²/mm	Min. 5.0 mm	1	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Scratch Coat	FLOOR-PRO 333 SF Epoxy Finish with Filler	-	-	1	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DPT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Optional Anti-Slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Mid Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C
Final Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C

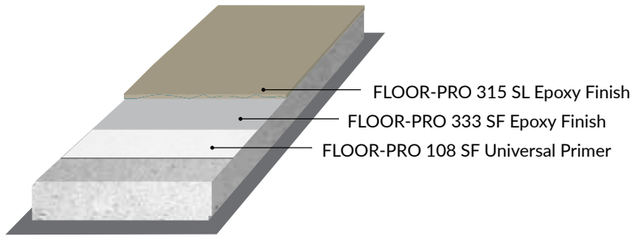
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Self-Smoothing Epoxy Coating System

For Intermediate Concrete Floor Slab

System A11: Solvent-Free Self-Smoothing Epoxy Coating (2.0 mm)

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Filler)**
FLOOR-PRO 108 SF Universal Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	Gloss	16.75	3.25	-
FLOOR-PRO 315 SL Epoxy Finish				
Total (18 kg)	High Gloss	7.45	2.55	8



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Final Coat	FLOOR-PRO 315 SL Epoxy Finish	1.8 kg/m²/coat	1 - 2 mm DFT per coat	1	Within 24 - 48 hrs @ 28 °C	20 mins @ 28 °C

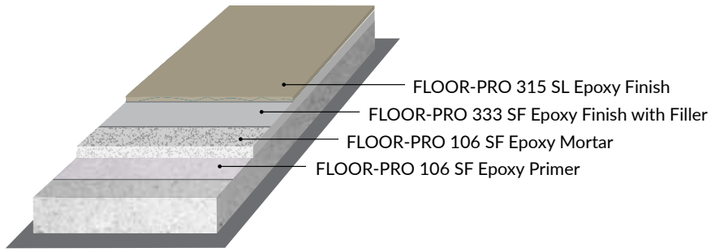
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Self-Smoothing Epoxy Coating System

For Ground-Bearing Concrete Slab

Systems A12: Solvent-Free Self-Smoothing Epoxy Coating with 5.0 mm Epoxy Mortar for Impact Resistance

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 106 SF Epoxy Primer				
Total (5 kg)	-	3.37	1.63	-
Total (20 kg)	-	13.5	6.5	-
FLOOR-PRO 106 SF Epoxy Mortar				
Total (50 kg)	-	3.37	1.63	45
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	Gloss	16.75	3.25	-
FLOOR-PRO 315 SL Epoxy Finish				
Total (18 kg)	High Gloss	7.45	2.55	8



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 106 SF Epoxy Primer	0.2 - 0.3 kg/m²/coat	-	1 - 2	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Epoxy Mortar	FLOOR-PRO 106 SF Epoxy Mortar	2 kg/m²/mm	Min. 5.0 mm	1	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Scratch Coat	FLOOR-PRO 333 SF Epoxy Finish	-	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Final Coat	FLOOR-PRO 315 SL Epoxy Finish	1.8 kg/m²/coat	1 - 2 mm DFT per coat	1	Within 24 - 48 hrs @ 28 °C	20 mins @ 28 °C

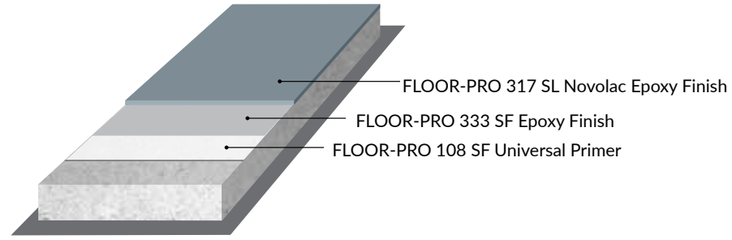
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Solvent-Free High Chemical-Resistance Epoxy Coating System

For Intermediate Concrete Floor Slab

System A13: Solvent-Free Highly Chemical-Resistant Self-Smoothing Novolac Epoxy

Smooth Finish



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 108 SF Universal Primer			
Total (5 kg)	-	3.65	1.35
Total (20 kg)	-	14.6	5.4
FLOOR-PRO 333 SF Epoxy Finish			
Total (20 kg)	Gloss	16.75	3.25
FLOOR-PRO 317 SL Novolac Epoxy Finish			
Total (5 kg)	High Gloss	4	1



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Final Coat	FLOOR-PRO 317 SL Novolac Epoxy Finish	1.4 kg/m²/coat	1 - 2 mm DFT per coat, subjected to chemical resistance	1	Within 12 - 24 hrs @ 28 °C	30 mins @ 28 °C

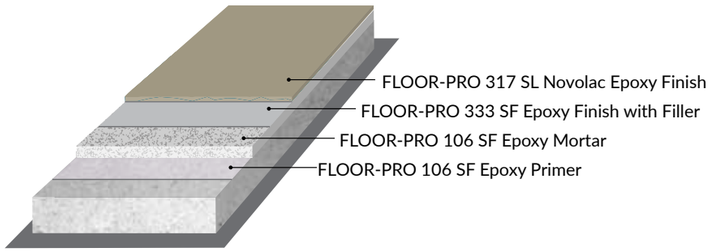
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Solvent-Free High Chemical-Resistance Epoxy Coating System

For Ground-Bearing Concrete Slab

System A14: Solvent-Free Highly Chemical-Resistant Self-Smoothing Novolac Epoxy with 5.0 mm Epoxy Mortar for Impact Resistance

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 106 SF Epoxy Primer				
Total (5 kg)	-	3.37	1.63	-
Total (20 kg)	-	13.5	6.5	-
FLOOR-PRO 106 SF Epoxy Mortar				
Total (50 kg)	-	3.37	1.63	45
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	Gloss	16.75	3.25	-
FLOOR-PRO 317 SL Novolac Epoxy Finish				
Total (5 kg)	High Gloss	4	1	-



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 106 SF Epoxy Primer	0.2 - 0.3 kg/m^2/coat	-	1 - 2	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Epoxy Mortar	FLOOR-PRO 106 SF Epoxy Mortar	2 kg/m^2/mm	Min. 5.0 mm	1	Min. 12 hrs @ 28 °C	20 mins @ 28 °C
Scratch Coat	FLOOR-PRO 333 SF Epoxy Finish	-	200 - 300 µm DFT per coat	2-3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C
Final Coat	FLOOR-PRO 317 SL Novolac Epoxy Finish	1.4 kg/m^2/coat	1 - 2 mm DFT per coat, subjected to chemical resistance	1	Within 12 - 24 hrs @ 28 °C	30 mins @ 28 °C

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General Purpose Walkway Coating System

System A15: Easy-to-Apply Water-Based Acrylic System for Foot Traffic

Smooth Finish

Anti-Slip (Sand Broadcast)



Packaging	
Component	Gloss Level
FLOOR-PRO 912 WB Acrylic Topcoat	
Total (12 kg)	Soft Matt



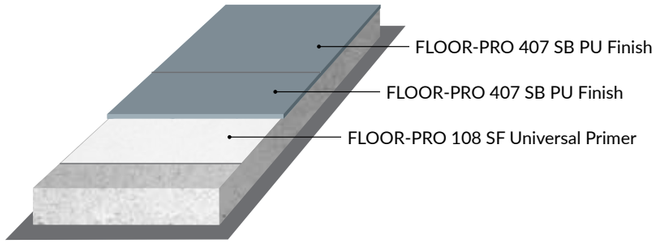
Application Guide					
Product	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**
FLOOR-PRO 912 WB Acrylic Topcoat	0.15 - 0.25 kg/m^2/coat	50 - 60 µm DFT per coat	3	Min. 1 hr @ 28 °C	7

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General Purpose Walkway Coating System

System A16: 3-Coat UV-Resistant PU Coating

Smooth Finish



EASY TO CLEAN · HIGH CHEMICAL RESISTANCE · ABRASION RESISTANCE

Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 108 SF Universal Primer			
Total (5 kg)	-	3.65	1.35
Total (20 kg)	-	14.6	5.4
FLOOR-PRO 407 SB PU Finish			
Total (5 kg)	Gloss	4	1
Total (5.5 kg)	Satin	4.5	1
Total (6 kg)	Matt	5	1

Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Mid Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C
Final Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C

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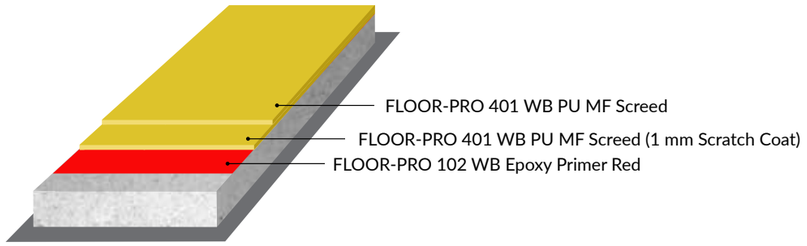
SYSTEM B

FLOOR-PRO FOOD INDUSTRY

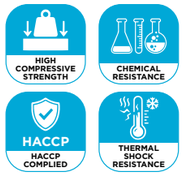
- System B1
- System B2

Food Industry

System B1: Self-Smoothing Hygienic Moisture-Tolerant Polyurethane Screed for Impact Resistance



Packaging					
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Colour Filler)**	**Part D (Filler)**
FLOOR-PRO 102 WB Epoxy Primer Red					
Total (20 kg)	-	4.3	15.7	-	-
FLOOR-PRO 401 WB PU MF Screed					
Total (20 kg)	Matt	3	3	0.5	13.5

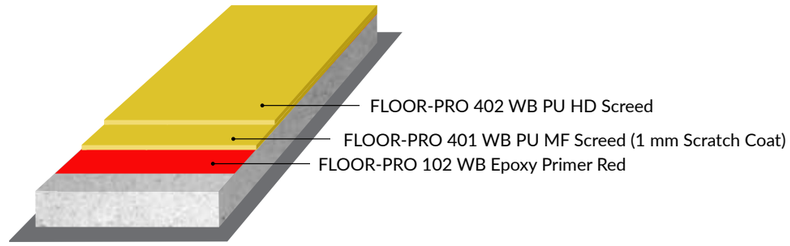


Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C
Scratch Coat	FLOOR-PRO 401 WB PU MF Screed	1.9 kg/m²/mm	1 mm	1	Within 14 - 18 hrs @ 28 °C	22 mins @ 25 °C
Final Coat	FLOOR-PRO 401 WB PU MF Screed	1.9 kg/m²/mm	3 - 6 mm	1 - 2	Within 14 - 18 hrs @ 28 °C	22 mins @ 25 °C

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Food Industry

System B2: Anti-Slip Self-Smoothing Hygienic Moisture-Tolerant Polyurethane Screed for Impact Resistance



Packaging						
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Colour Filler)**	**Part D (Filler)**	**Part E (Filler)**
FLOOR-PRO 102 WB Epoxy Primer Red						
Total (20 kg)	-	4.3	15.7	-	-	-
FLOOR-PRO 401 WB PU MF Screed						
Total (20 kg)	Matt	3	3	0.5	13.5	-
FLOOR-PRO 402 WB PU HD Screed						
Total (32 kg)	Matt	3	3	0.5	13.5	12



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C
Scratch Coat	FLOOR-PRO 401 WB PU MF Screed	1.9 kg/m²/mm	1 mm	1	Within 14 - 18 hrs @ 28 °C	22 mins @ 25 °C
Final Coat	FLOOR-PRO 402 WB PU HD Screed	2.1 kg/m²/mm	6 - 12 mm	1 - 2	Within 14 - 18 hrs @ 28 °C	25 mins @ 25 °C

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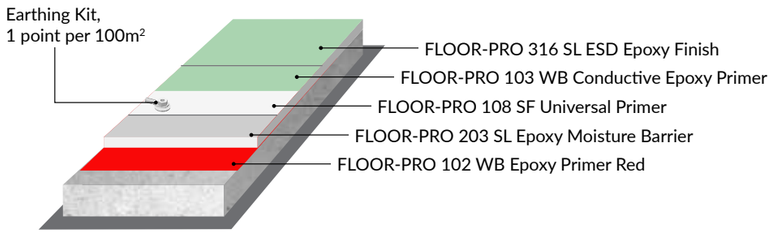
SYSTEM C

FLOOR-PRO STATIC-SENSITIVE AREA

- System C1
- System C2

Static-Sensitive Area

System C1: Conductive (ECF) Self Smoothing Solvent-Free Epoxy Coating ($10^4\Omega$ to $10^6\Omega$)



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Colour Filler)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 108 SF Universal Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 103 WB Conductive Epoxy Primer				
Total (5 kg)	-	4.2	0.8	-
FLOOR-PRO 316 SL ESD Epoxy Finish				
Total (21 kg)	-	18	3	-

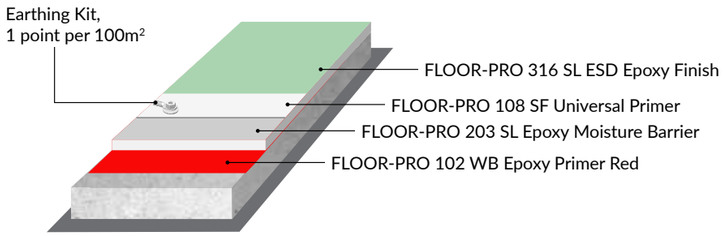


Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C
Base Coat	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Earthing Kit	-	1 point/100 m²	-	-	-	-
Mid Coat	FLOOR-PRO 103 WB Conductive Epoxy Primer	0.2 kg/m²/coat	65 ± 20 µm DFT per coat	1 - 2	Within 14 - 18 hrs @ 28 °C	30 mins @ 28 °C
Final Coat	FLOOR-PRO 316 SL ESD Epoxy Finish	1.4 kg/m²/mm	1 - 2 mm DFT per coat	1	Within 14 - 18 hrs @ 28 °C	30 mins @ 28 °C

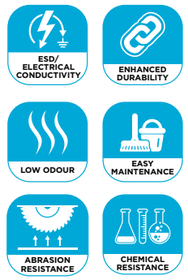
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Static-Sensitive Area

System C2: Dissipative (DIF) Self-Smoothing Solvent-Free Epoxy Coating ($10^6\Omega$ to $10^9\Omega$)



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Colour Filler)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 108 SF Universal Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 316 SL ESD Epoxy Finish				
Total (21 kg)	-	18	3	-



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C
Base Coat	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Earthing Kit	-	1 point/100 m²	-	-	-	-
Final Coat	FLOOR-PRO 316 SL ESD Epoxy Finish	1.4 kg/m²/mm	1 - 2 mm DFT per coat	1	Within 14 - 18 hrs @ 28 °C	30 mins @ 28 °C

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SYSTEM D

FLOOR-PRO CARPARKS

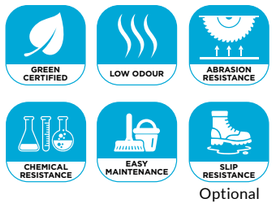
- WATER-BASED COATING SYSTEM:
  For Intermediate Concrete Floor Slab
  – System D1
  – System D2
  For Ground-Bearing Concrete Slab
  – System D3
  – System D4
- SOLVENT-FREE EPOXY COATING SYSTEM:
  For Intermediate Deck
  – System D5
  – System D6
  For Basement Deck
  – System D7
- UV-RESISTANT COATING SYSTEM:
  For Exposed Deck, Intermediate Concrete Floor Slab
  – System D8
  – System D9
  For Exposed Deck, Ground Bearing Concrete Floor Slab
  – System D10
  – System D11
  – System D12
- RAPID CURE EPOXY SYSTEM:
  – System D13

Water-Based Coating System
For Intermediate Concrete Floor Slab

System D1: 3-Coat Self-Priming Water-Based Vapour Permeable Epoxy Coating



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 303 WB Epoxy HD Finish				
Total (5 kg)	-	0.7	4.3	-
Total (20 kg)	-	2.8	17.2	-



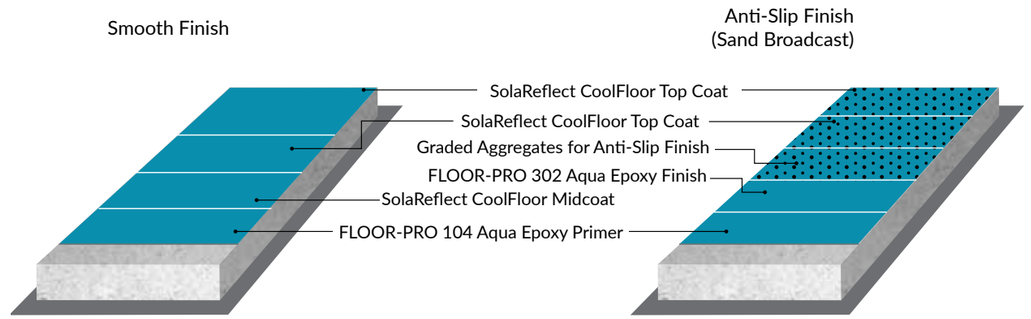
Optional

Application Guide								
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	40 mins @ 28 °C	-
Base Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	40 mins @ 28 °C	-
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m²/coat	-	1	-	-	-	Manual broadcast or using hopper
Top Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	40 mins @ 28 °C	-

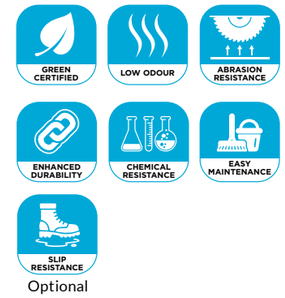
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Water-Based Coating System
For Intermediate Concrete Floor Slab

System D2: SolaReflective Acrylic Epoxy Hybrid Coating System



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 104 Aqua Epoxy Primer				
Total (5 L)	-	1	4	
Total (20 L)	-	4	16	
SolaReflect CoolFloor Midcoat				
Total (20 kg)	-	10	10	
FLOOR-PRO 302 Aqua Epoxy Finish				
Total (5 L)	-	1	4	
Total (20 L)	-	4	16	
SolaReflect CoolFloor Top Coat				
Total (20 kg)	-	10	10	



Optional

Application Guide								
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 104 Aqua Epoxy Primer	0.15 - 0.19 L/m²/coat	-	1 - 2	Within 16 - 24 hrs @ 28 °C	7 days	1 hr @ 28 °C	By squeegee and roller
Midcoat	SolaReflect CoolFloor Midcoat	On concrete: 0.2 - 0.4 kg/m²/coat On asphalt and pavement: 0.3 - 0.5 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	1	Min. 2 hrs @ 30 °C	2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller
Base Coat	FLOOR-PRO 302 Aqua Epoxy Finish	0.13 - 0.2 L/m²/coat	50 - 80 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	30 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m2/coat	-	1	-	-	-	Manual broadcast or using hopper
Top Coat	SolaReflect CoolFloor Top Coat	On concrete: 0.1 - 0.3 kg/m²/coat On asphalt and pavement: 0.2 - 0.4 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	2	Min. 2 hrs @ 30 °C	2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller

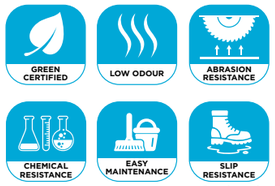
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Water-Based Coating System
For Ground-Bearing Concrete Slab

System D3: Water-Based Vapour Permeable Epoxy Coating with 2.0 mm Temporary Moisture Barrier



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 303 WB Epoxy HD Finish				
Total (5 kg)		0.7	4.3	



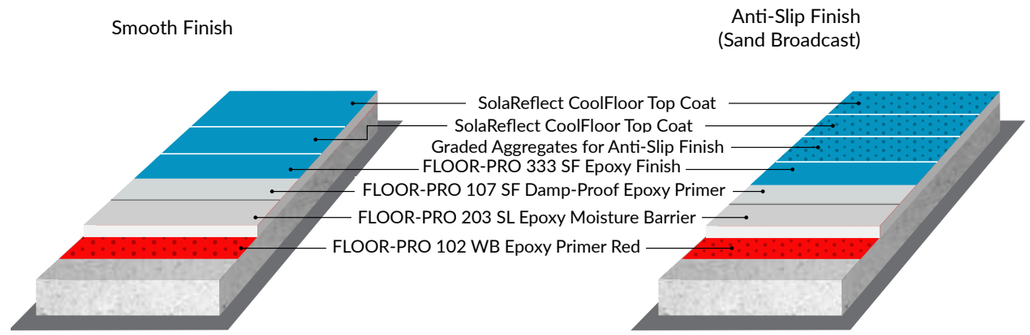
Optional

Application Guide								
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red Broadcast with graded aggregates whilst wet	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	7 days	1 hr @ 28 °C	By squeegee and roller
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	7 days	20 mins @ 28 °C	By pin rake and spike roller
Midcoat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	40 mins @ 28 °C	-
Top Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	40 mins @ 28 °C	-
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	-	1	-	-	-	-	Manual broadcast or using hopper
Top Coat	FLOOR-PRO 303 WB Epoxy HD Finish	0.25 kg/m²/coat	90 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	40 mins @ 28 °C	-

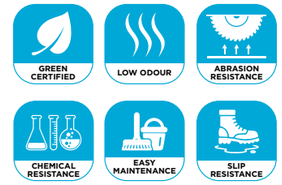
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Water-Based Coating System
For Ground-Bearing Concrete Slab

System D4: SolaReflective Water-Based Acrylic Epoxy Hybrid Coating System with 2.0 mm Temporary Moisture Barrier



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-
SolaReflect CoolFloor Top Coat				
Total (20 kg)	-	10	10	-



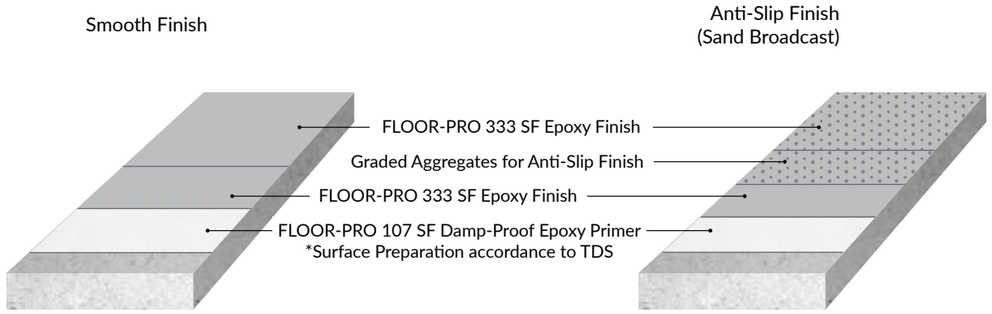
Optional

Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red Broadcast with graded aggregates whilst wet	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C	By squeegee and roller
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C	By pin rake and spike roller
Midcoat	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m²/coat	-	1	-	-	Manual broadcast or using hopper
Top Coat	SolaReflect CoolFloor Top Coat	On concrete: 0.1 - 0.3 kg/m²/coat On asphalt and pavement: 0.2 - 0.4 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	2	Min. 2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller

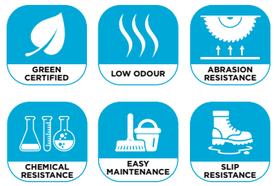
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Solvent-Free Epoxy Coating System
For Intermediate Deck

System D5: 3-Coat Solvent-Free Epoxy Coating



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-



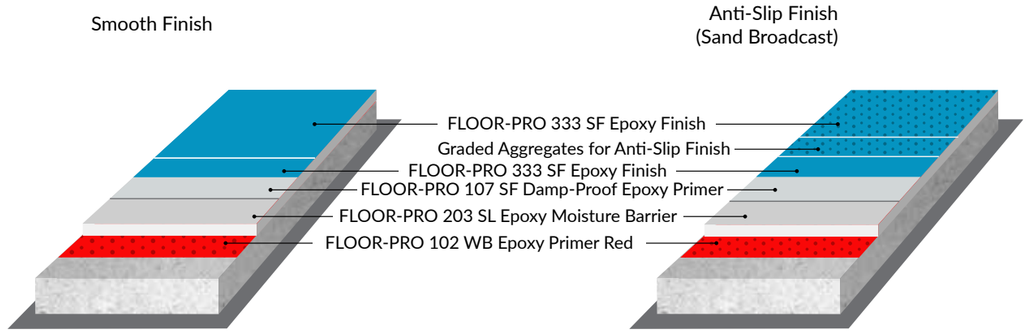
Optional

Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m^2/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Midcoat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m^2/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m^2/coat	-	1	-	-	Manual broadcast or using hopper
Top Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m^2/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller

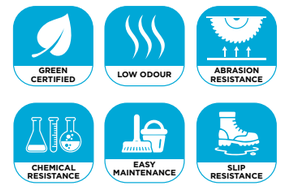
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Solvent-Free Epoxy Coating System
For Intermediate Deck

System D6: Solvent-Free Epoxy Coating with 2.0 mm Temporary Moisture Barrier System



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-



Optional

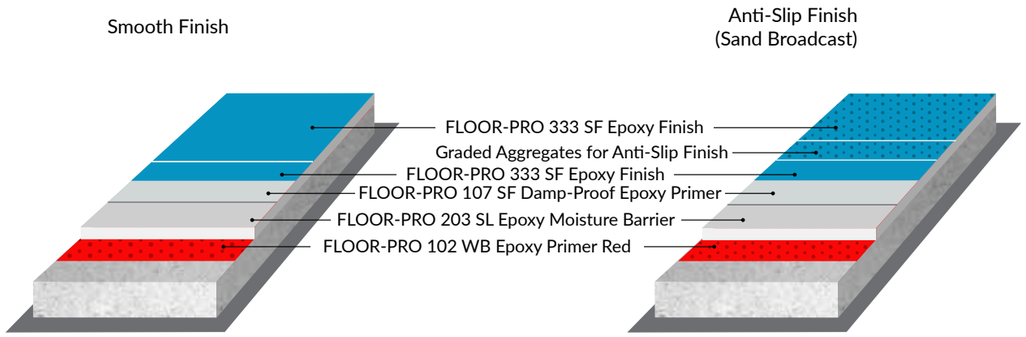
Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red Broadcast with graded aggregates whilst wet	0.2 - 0.3 kg/m^2/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C	By squeegee and roller
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m^2/mm	-	1	Min. 24 hrs @ 28°C	20 mins @ 28 °C	By pin rake and spike roller
Midcoat	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m^2/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m^2/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m^2/coat	-	1	-	-	Manual broadcast or using hopper
Top Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m^2/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller

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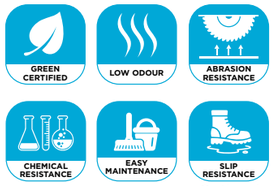
Solvent-Free Epoxy Coating System

For Basement Deck

System D7: Solvent-Free Epoxy Coating with 2.0 mm Temporary Moisture Barrier System



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-



Optional

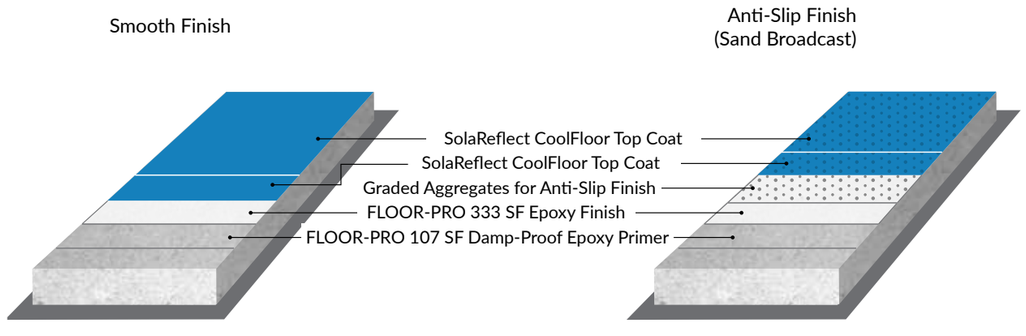
Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red Broadcast with graded aggregates whilst wet	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28°C	1 hr @ 28 °C	By squeegee and roller
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C	By pin rake and spike roller
Midcoat	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m²/coat	-	1	-	-	Manual broadcast or using hopper
Top Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller

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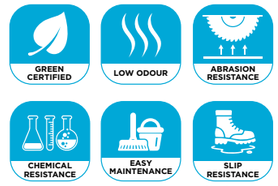
UV-Resistant Coating System

For Exposed Deck, Intermediate Concrete Floor Slab

System D8: SolaReflective Acrylic Epoxy Hybrid Coating System



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-
SolaReflect CoolFloor Top Coat				
Total (20 kg)	-	10	10	-



Optional

Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Midcoat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m²/coat	-	1	-	-	Manual broadcast or using hopper
Top Coat	SolaReflect CoolFloor Top Coat	On concrete: 0.1 - 0.3 kg/m²/coat On asphalt and pavement: 0.2 - 0.4 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	2	Min. 2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller

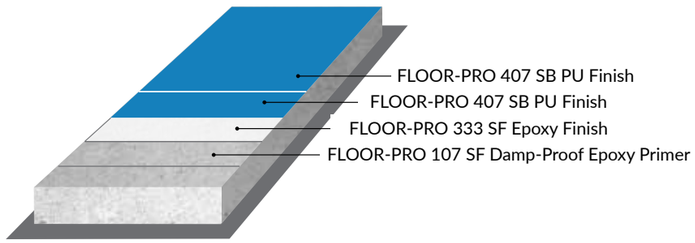
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UV-Resistant Coating System

For Exposed Deck, Intermediate Concrete Floor Slab

System D9: 4-Coat UV-Resistant PU Coating

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-
FLOOR-PRO 407 SB PU Finish				
Total (5 kg)	Gloss	4	1	-
Total (5.5 kg)	Satin	4.5	1	-
Total (6 kg)	Matt	5	1	-

ABRASION RESISTANCE, CHEMICAL RESISTANCE, EASY MAINTENANCE, SLIP RESISTANCE

Optional

Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Midcoat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Base Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m2/coat	70 µm DFT per coat	1	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C	By squeegee and roller
Top Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m2/coat	70 µm DFT per coat	1	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C	By squeegee and roller

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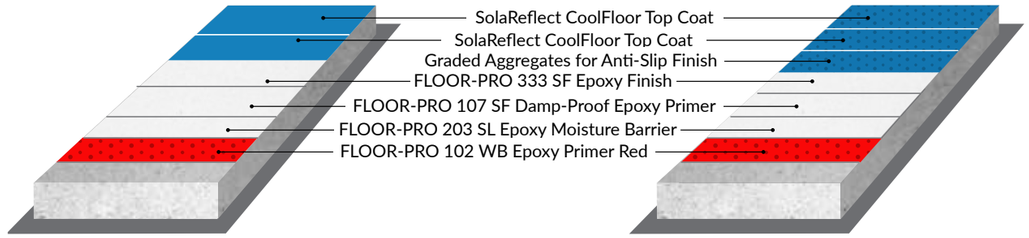
UV-Resistant Coating System

For Exposed Deck, Ground Bearing Concrete Floor Slab

System D10: SolaReflective Water-Based Acrylic Epoxy Hybrid Coating System with 2.0 mm Temporary Moisture Barrier

Smooth Finish

Anti-Slip Finish (Sand Broadcast)



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-
SolaReflect CoolFloor Top Coat				
Total (20 kg)	-	10	10	-

GREEN CERTIFIED, LOW ODOUR, ABRASION RESISTANCE, CHEMICAL RESISTANCE, EASY MAINTENANCE, SLIP RESISTANCE

Optional

Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red Broadcast with graded aggregates whilst wet	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C	By squeegee and roller
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C	By pin rake and spike roller
Midcoat	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m²/coat	-	1	-	-	Manual broadcast or using hopper
Top Coat	SolaReflect CoolFloor Top Coat	On concrete: 0.1 - 0.3 kg/m²/coat On asphalt and pavement: 0.2 - 0.4 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	2	Min. 2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller

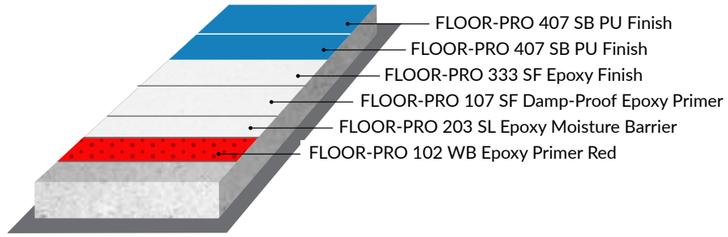
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UV-Resistant Coating System

For Exposed Deck, Ground Bearing Concrete Floor Slab

System D11: UV-Resistant PU Coating with 2.0 mm Temporary Moisture Barrier

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 333 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-
FLOOR-PRO 407 SB PU Finish				
Total (5 kg)	Gloss	4	1	-
Total (5.5 kg)	Satin	4.5	1	
Total (6 kg)	Matt	5	1	



Optional

Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red Broadcast with graded aggregates whilst wet	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C	By squeegee and roller
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C	By pin rake and spike roller
Midcoat	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C	By squeegee and roller
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	20 mins @ 28 °C	By squeegee and roller
Top Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m2/coat	70 µm DFT per coat	1	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C	By squeegee and roller
Top Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m2/coat	70 µm DFT per coat	1	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C	By squeegee and roller

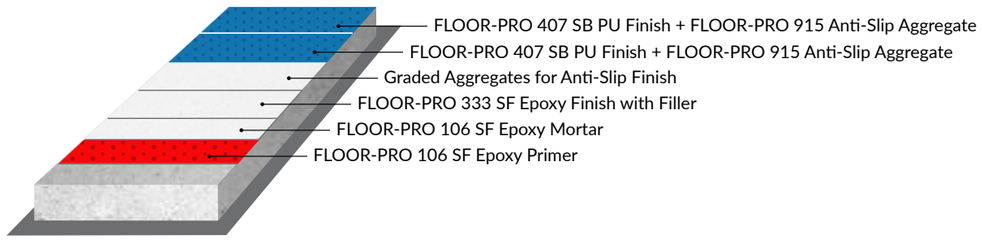
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UV-Resistant Coating System

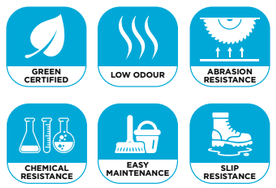
For Exposed Deck, Ground Bearing Concrete Floor Slab

System D12: 4-Coat UV-Resistant PU Coating, Anti-Slip (Mixed in) with 5.0 mm Epoxy Mortar for Impact Resistance

Anti-Slip Finish
(Sand Broadcast)



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 106 SF Epoxy Primer				
Total (20 kg)	-	13.5	6.5	-
FLOOR-PRO 106 SF Epoxy Mortar				
Total (50 kg)	-	3.37	1.63	45
FLOOR-PRO 333 SF Epoxy Finish with Filler				
Total (20 kg)	-	16.75	3.25	-
FLOOR-PRO 407 SB PU Finish				
Total (5 kg)	Gloss	4	1	-
Total (5.5 kg)	Satin	4.5	1	
Total (6 kg)	Matt	5	1	



Optional

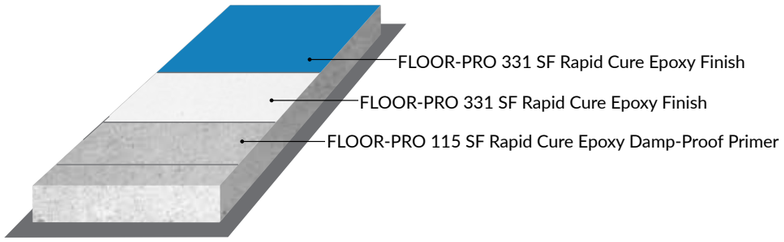
Application Guide							
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 106 SF Epoxy Primer	0.2 - 0.3 kg/m²/coat	-	1 - 2	Min. 12 hrs @ 28 °C	7 days	20mins @ 28 °C	By squeegee and roller
Midcoat	FLOOR-PRO 106 SF Epoxy Mortar	2 kg/m²/mm	Min. 5.0 mm	1	Min. 12 hrs @ 28 °C	7 days	20mins @ 28 °C	-
Base Coat	FLOOR-PRO 333 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 6 - 24 hrs @ 28 °C	7 days	20 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m²/coat	-	1	-	-	-	Manual broadcast or using hopper
Top Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	1	Within 6 - 48 hrs @ 28 °C	7 days	2 hrs @ 28 °C	By squeegee and roller
Top Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	1	Within 6 - 48 hrs @ 28 °C	7 days	2 hrs @ 28 °C	By squeegee and roller

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Rapid Cure Epoxy System

System D13: 3-Coat Rapid Cure Epoxy System for Fast Return to Service Requirement

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 115 SF Rapid Cure Epoxy Damp-Proof Primer				
Total (5 kg)	-	2.34	2.66	-
FLOOR-PRO 331 SF Rapid Cure Epoxy Finish				
Total (5 kg)	-	3.97	1.03	-



Optional

Application Guide								
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 115 SF Rapid Cure Epoxy Damp-Proof Primer	0.25 kg/m^2/coat	-	1 - 2	Min 1.5 hrs @ 28 °C	3 - 4 hrs @ 28 °C	10 mins @ 28 °C	By squeegee and roller
Midcoat	FLOOR-PRO 331 SF Rapid Cure Epoxy Finish	0.15 - 0.2 kg/m^2/coat	140 - 180 µm DFT per coat	2 - 3	2 - 12 hrs @ 28 °C	3 days	15 mins @ 28 °C	By squeegee and roller
Top Coat	FLOOR-PRO 331 SF Rapid Cure Epoxy Finish	0.15 - 0.2 kg/m^2/coat	140 - 180 µm DFT per coat	2 - 3	2 - 12 hrs @ 28 °C	3 days	15 mins @ 28 °C	By squeegee and roller

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SYSTEM E

FLOOR-PRO DECORATIVE

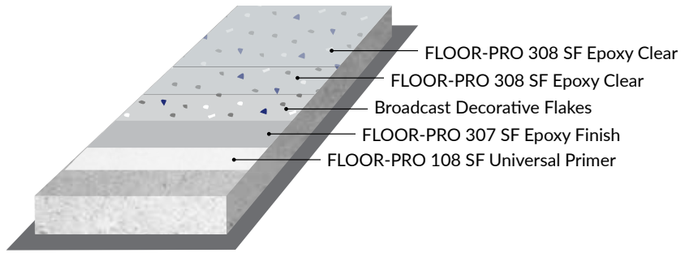
- DECORATIVE FLAKES SYSTEM:
  For Intermediate Concrete Floor Slab – System E1
  For Ground-Bearing Concrete Slab – System E2



Decorative Flakes System
For Intermediate Concrete Floor Slab

System E1: Solvent-Free Epoxy System with Decorative Flakes

Smooth Finish



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 108 SF Universal Primer			
Total (5 kg)	-	3.65	1.35
Total (20 kg)	-	14.6	5.4
FLOOR-PRO 307 SF Epoxy Finish			
Total (20 kg)	-	16.75	3.25
FLOOR-PRO 308 SF Epoxy Clear			
Total (10 kg)	Gloss	6.2	3.8

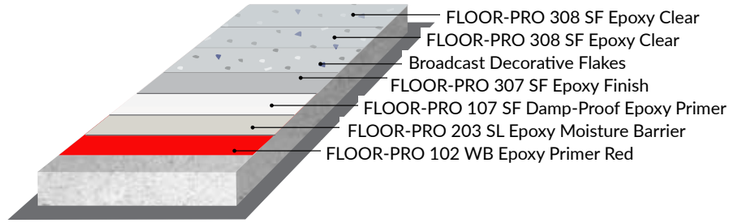
Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 108 SF Universal Primer	0.24 - 0.34 kg/m²/coat	-	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Base Coat	FLOOR-PRO 307 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 12 - 24 hrs @ 28 °C	20 mins @ 28 °C
Flake Broadcast	Broadcast Decorative Flakes onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 308 SF Epoxy Clear	0.22 - 0.33 kg/m²/coat	200 - 300 µm DFT per coat	1 - 2	Within 12 - 24 hrs @ 28 °C	25 mins @ 28 °C

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Decorative Flakes System
For Ground-Bearing Concrete Slab

System E2: Solvent-Free Epoxy System with Decorative Flakes with 2.00 mm Temporary Moisture Barrier

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Colour Filler)**
FLOOR-PRO 102 WB Epoxy Primer Red				
Total (20 kg)	-	4.3	15.7	-
FLOOR-PRO 203 SL Epoxy Moisture Barrier				
Total (24 kg)	-	1.5	2.5	20
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer				
Total (5 kg)	-	3.65	1.35	-
Total (20 kg)	-	14.6	5.4	-
FLOOR-PRO 307 SF Epoxy Finish				
Total (20 kg)	-	16.75	3.25	-
FLOOR-PRO 308 SF Epoxy Clear				
Total (10 kg)	Gloss	6.2	3.8	-

Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 102 WB Epoxy Primer Red	0.2 - 0.3 kg/m²/mm	-	1 - 2	Within 8 hrs @ 28 °C	1 hr @ 28 °C
Temporary Moisture Barrier	FLOOR-PRO 203 SL Epoxy Moisture Barrier	2 kg/m²/mm	-	1	Min. 24 hrs @ 28 °C	20 mins @ 28 °C
Base Coat	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Mid Coat	FLOOR-PRO 307 SF Epoxy Finish	0.3 - 0.5 kg/m²/coat	200 - 300 µm DFT per coat	2 - 3	Within 12 - 24 hrs @ 28 °C	20 mins @ 28 °C
Flake Broadcast	Broadcast Decorative Flakes onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 308 SF Epoxy Clear	0.22 - 0.33 kg/m²/coat	200 - 300 µm DFT per coat	1 - 2	Within 12 - 24 hrs @ 28 °C	25 mins @ 28 °C

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SYSTEM F

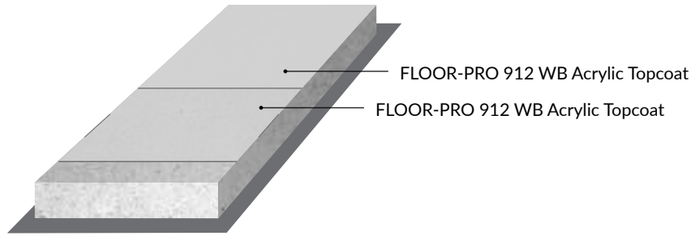
FLOOR-PRO SPORTS FLOOR

- System F1
- System F2
- System F3

Sports Floor

System F1: Water-Based Acrylic Coating

Smooth Finish



Packaging	
Component	**Gloss Level**
FLOOR-PRO 912 WB Acrylic Topcoat	
Total (12 kg)	Soft Matt

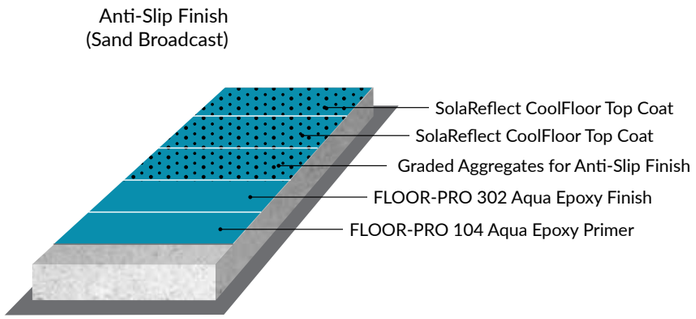
LOW ODOUR · ABRASION RESISTANCE · EASY MAINTENANCE

Application Guide					
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**
Primer	FLOOR-PRO 912 WB Acrylic Topcoat with 10% dilution	0.15 - 0.25 kg/m²/coat	-	1	Min. 1 hr @ 28 °C
Final Coat	FLOOR-PRO 912 WB Acrylic Topcoat	0.15 - 0.25 kg/m²/coat	50 - 60 µm DFT per coat	2	Min. 1 hr @ 28 °C

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Sports Floor

System F2: Water-Based Acrylic Epoxy Hybrid Coating



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 104 Aqua Epoxy Primer				
Total (5 L)	-	1	4	-
Total (20 L)	-	4	16	-
SolaReflect CoolFloor Midcoat				
Total (20 kg)	-	10	10	-
FLOOR-PRO 302 Aqua Epoxy Finish				
Total (5 L)	-	1	4	-
Total (20 L)	-	4	16	-
SolaReflect CoolFloor Top Coat				
Total (20 kg)	-	10	10	-



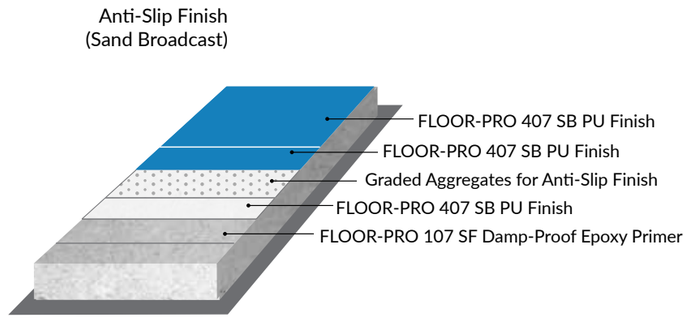
Optional

Application Guide								
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 104 Aqua Epoxy Primer	0.15 - 0.19 L/m²/coat	-	1 - 2	Within 16 - 24 hrs @ 28 °C	7 days	1 hr @ 28 °C	By squeegee and roller
Midcoat	SolaReflect CoolFloor Midcoat	On concrete: 0.2 - 0.4 kg/m²/coat On asphalt and pavement: 0.3 - 0.5 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	1	Min. 2 hrs @ 30 °C	2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller
Base Coat	FLOOR-PRO 302 Aqua Epoxy Finish	0.13 - 0.2 L/m²/coat	50 - 80 µm DFT per coat	1	Min. 8 hrs @ 28 °C	7 days	30 mins @ 28 °C	By squeegee and roller
Optional, Anti-Slip Finish	Broadcast graded aggregates onto Midcoat whilst wet	3 - 6 kg/m2/coat	-	1	-	-	-	Manual broadcast or using hopper
Top Coat	SolaReflect CoolFloor Top Coat	On concrete: 0.1 - 0.3 kg/m²/coat On asphalt and pavement: 0.2 - 0.4 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	2	Min. 2 hrs @ 30 °C	2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller

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Sports Floor

System F3: 3-Coat UV-Resistant PU Coating for Concrete



Packaging			
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**
FLOOR-PRO 107 SF Damp-Proof Epoxy Primer			
Total (5 kg)	-	3.65	1.35
Total (20 kg)	-	14.6	5.4
FLOOR-PRO 407 SB PU Finish			
Total (5 kg)	Gloss	4	1
Total (5.5 kg)	Satin	4.5	1
Total (6 kg)	Matt	5	1



Application Guide						
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Pot Life**
Primer	FLOOR-PRO 107 SF Damp-Proof Epoxy Primer	0.25 - 0.35 kg/m²/coat	100 µm DFT per coat	1 - 2	Min. 8 hrs @ 28 °C	40 mins @ 28 °C
Mid Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C
Optional Anti-slip Finish	Broadcast graded aggregates onto Base Coat whilst wet					
Final Coat	FLOOR-PRO 407 SB PU Finish	0.13 - 0.15 kg/m²/coat	70 µm DFT per coat	2 - 3	Within 6 - 48 hrs @ 28 °C	2 hrs @ 28 °C

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SYSTEM G

FLOOR-PRO SOLAREFLECT COOLFLOOR

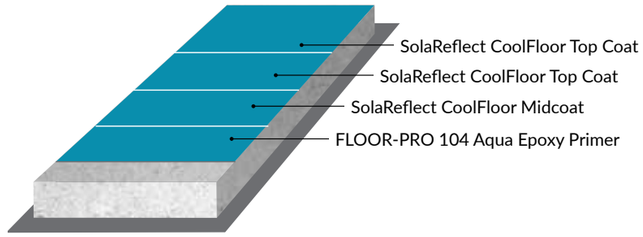
- SOLAREFLECT COOLFLOOR: For General Purpose Walkway – System G1

SolaReflect CoolFloor

For General Purpose Walkway

System G1: Water-Based Acrylic Epoxy Hybrid Coating for Concrete

Smooth Finish



Packaging				
Component	**Gloss Level**	**Part A (Base)**	**Part B (Hardener)**	**Part C (Powder)**
FLOOR-PRO 104 Aqua Epoxy Primer				
Total (5 L)	-	1	4	-
Total (20 L)	-	4	16	-
SolaReflect CoolFloor Midcoat				
Total (20 kg)	-	10	10	-
SolaReflect CoolFloor Top Coat				
Total (20 kg)	-	10	10	-

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Optional

Application Guide								
Process	**Product**	**Theoretical Coverage**	**Recommended Thickness**	**No. of Coats**	**Recoating Time**	**Full Cure**	**Pot Life**	**Remarks**
Primer	FLOOR-PRO 104 Aqua Epoxy Primer	0.15 - 0.19 L/m²/coat	-	1 - 2	Within 16 - 24 hrs @ 28 °C	7 days	1 hr @ 28 °C	By squeegee and roller
Midcoat	SolaReflect CoolFloor Midcoat	On concrete: 0.2 - 0.4 kg/m²/coat On asphalt and pavement: 0.3 - 0.5 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	1	Min. 2 hrs @ 30 °C	2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller
Top Coat	SolaReflect CoolFloor Top Coat	On concrete: 0.1 - 0.3 kg/m²/coat On asphalt and pavement: 0.2 - 0.4 kg/m²/coat	On concrete: 50 µm DFT per coat On asphalt and pavement: 50 µm DFT per coat	2	Min. 2 hrs @ 30 °C	2 hrs @ 30 °C	4 hrs @ 25 °C	By squeegee and roller

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FLOOR-PRO Coatings

- CONCRETE SURFACE PROFILE SELECTION GUIDE
- FLOOR-PRO CSP GUIDE

Concrete Surface Profile Selection Guide

Concrete Surface Profiles (CSP) are divided into various categories classified under the technical guideline No.310.2R by the International Concrete Repair Institute (ICRI). The type of CSP is decided by the thickness of the flooring system selected.

System (mm)	CSP2	CSP3	CSP4	CSP5	CSP6
0 - 0.075	✓				
0.100 - 0.250	✓	✓			
0.250 - 1.000		✓	✓	✓	
1.250 - 3.175			✓	✓	✓
3.175 - 6.350				✓	✓
> 6.350				✓	✓

NOTE: These CSPs serve as a guideline and reference only and may vary from case to case.

CSP Visual Methods

CSP2



Grinding

CSP3



Shot Blast

CSP4



Light Scarifying

CSP5



Shot Blast

CSP6



Medium Scarifying

Floor-Pro CSP Guide

SYSTEMS	CSP3	CSP4*	CSP5	CSP6
FLOOR-PRO 333 Solvent Free Epoxy	✓	✓	✓	
SolaReflect Cool Floor	✓	✓	✓	
FLOOR-PRO 315 SL Epoxy		✓	✓	✓
FLOOR-PRO 333 Solvent Free Epoxy (Epoxy Mortar)		✓	✓	✓
SolaReflect Cool Floor (Epoxy Mortar)		✓	✓	✓
FLOOR-PRO 315 SL Epoxy (Epoxy Mortar)		✓	✓	✓
FLOOR-PRO 401 PU MF Screed			✓	✓
FLOOR-PRO 402 PU HD Screed			✓	✓
FLOOR-PRO 316 ESD Epoxy Finish		✓	✓	✓
Basement Carpark System			✓	✓
Intermediate Carpark Deck	✓			
Exposed Multi-Storey Carpark	✓			

The CSP Guide is for reference only; actual CSP depends on site conditions.

*CSP4 requires at least 4mm DFT coating systems.

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