



KERAKOLL FACTORY SYSTEMS

How to choose and create resin floors.

Factory System for the creation of resin floors



Resin coatings for industrial floors were originally developed to improve the performance and aesthetic characteristics of concrete floors. Today, above all, they offer the possibility of recovering both industrial and commercial existing floors, often without having to resort to demolition. Factory resin floor systems have been designed to guarantee the most suitable specific solution in any operational situation and for any performance, functional and aesthetic need. This guide is therefore not a simple list of systems, but a support tool for the correct choice of the most suitable system according to specific needs, both in terms of technical and aesthetic performance, and compatibility with operational needs and existing conditions.





Guide to the choice of systems

GUIDE TO THE CHOICE OF SYSTEMS ACCORDING TO THE TYPE AND INTENSITY OF TRAFFIC FORESEEN

	Low intensity	Medium intensity	High intensity
1.1_SIMPLE IMPREGNATION SYSTEM Smooth finish		*	* * *
1.2_IMPREGNATION-UNTIL-SATURATED SYSTEM Smooth finish		*	*
2.1_THIN FILM SYSTEM Smooth finish ≈ 300 microns thickness		*	
2.2_THICK FILM SYSTEM Textured finish ≈ 600 microns thickness			* *
3.1_THIN MULTI-LAYER SYSTEM Textured finish ≈ 1-1.5 mm thickness	*	*	*
3.2_THIN MULTI-LAYER SYSTEM Non-slip finish ≈ 1-1.5 mm thickness		* *	*
3.3_THICK MULTI-LAYER SYSTEM Textured finish ≈ 2.5-3 mm thickness		*	*
3.4_THICK MULTI-LAYER SYSTEM Non-slip finish ≈ 2.5-3 mm thickness		*	* *
3.5_BREATHABLE MULTI-LAYER SYSTEM Microporous finish ≈ 1.5 mm thickness Breathable multi-layer system	*	*	*
3.6_THICK TROWELLED MULTI-LAYER SYSTEM Smooth textured finish ≈ 2.5-3 mm thickness		*	*
4.1_SELF-LEVELLING SYSTEM Smooth finish ≈ 3 mm thickness			
5.1_RESIN-BASED MORTAR SYSTEM Textured finish > 5 mm thickness			*
5.2_RESIN-BASED MORTAR SYSTEM Non-slip finish > 5 mm thickness			

* Use subject to frequent repair or constant periodic maintenance

Legend



FOOT TRAFFIC



VEHICULAR TRAFFIC



INDUSTRIAL TRAFFIC



INDUSTRIAL TRAFFIC FEATURING ELECTRIC PALLET TRUCKS

N.B. All resin-based systems are subject to wear and they require both routine and special maintenance.



GUIDE TO THE CHOICE OF SYSTEMS AND RELAVANT PREPARATION OF THE SUBSTRATE ACCORDING TO THE EXISTING SUBSTRATE TYPE AND LEVEL OF CONSERVATION

	New concrete floor	New concrete floor with stable crazing and slight surface irregularities	Slightly worn concrete floor	Worn, superficially polluted concrete floors	Wet concrete floors or concrete floors subject to moisture rising*	Polluted, deteriorated concrete floors
1.1_SIMPLE IMPREGNATION SYSTEM Smooth finish	POWER WASHING	POWER WASHING		POWER WASHING		
	SANDING	SANDING		SANDING		
1.2_IMPREGNATION-UNTIL-SATURATED SYSTEM Smooth finish	SANDING	SANDING				
	SMOOTHING	SMOOTHING				
2.1_THIN FILM SYSTEM Smooth finish ≈ 300 microns thickness	SANDING					
	SMOOTHING					
2.2_THICK FILM SYSTEM Textured finish ≈ 600 microns thickness	SMOOTHING	SMOOTHING				
3.1_THIN MULTI-LAYER SYSTEM Textured finish ≈ 1-1.5 mm thickness	SMOOTHING	SMOOTHING	SMOOTHING			
3.2_THIN MULTI-LAYER SYSTEM Non-slip finish ≈ 1-1.5 mm thickness	SMOOTHING	SMOOTHING	SMOOTHING			
3.3_THICK MULTI-LAYER SYSTEM Textured finish ≈ 2.5-3 mm thickness	SMOOTHING	SMOOTHING	SMOOTHING	SHOT PEENING		
	SMOOTHING	SMOOTHING	SMOOTHING	SHOT PEENING		
3.4_THICK MULTI-LAYER SYSTEM Non-slip finish ≈ 2.5-3 mm thickness	SMOOTHING	SMOOTHING	SMOOTHING	SHOT PEENING		
	SHOT PEENING	SHOT PEENING	SHOT PEENING	SHOT PEENING		
3.5_BREATHABLE MULTI-LAYER SYSTEM Microporous finish ≈ 1.5 mm thickness Breathable multi-layer system	SMOOTHING	SMOOTHING	SMOOTHING	SHOT PEENING	SHOT PEENING	
3.6_THICK TROWELLED MULTI-LAYER SYSTEM Smooth textured finish ≈ 2.5-3 mm thickness	SMOOTHING	SMOOTHING	SMOOTHING	SHOT PEENING		
4.1_SELF-LEVELLING SYSTEM Smooth finish ≈ 3 mm thickness	SHOT PEENING	SHOT PEENING	SHOT PEENING	SHOT PEENING		
5.1_RESIN-BASED MORTAR SYSTEM Textured finish > 5 mm thickness	MILLING	MILLING	MILLING	MILLING		MILLING
5.2_RESIN-BASED MORTAR SYSTEM Non-slip finish > 5 mm thickness	MILLING	MILLING	MILLING	MILLING		MILLING

* Subject to specific technical assessment of the current state of affairs and operating conditions

Legend

Sanding: treatment carried out using a machine fitted with a rotating plate supporting an abrasive fabric, paper or mesh disk. Suitable for newly constructed, smooth concrete floors. Gives a smooth substrate and slightly increases the level of absorption.

Power washing: treatment carried out using a jet of water, preferably at high temperature, at a pressure in excess of 25 MPa and if necessary with the aid of specific detergents in the presence of oily substances. Suitable for newly constructed, smooth concrete floors. Gives a smooth, clean, dust-free substrate.

Smoothing or grinding: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed. Suitable for newly constructed or slightly worn, smooth concrete floors. Gives a slightly rough substrate and increases the level of absorption.

Shot Peening: treatment carried out using a machine that advances at an adjustable speed, projecting spherical metallic aggregates onto the substrate and fitted with a suction device that recovers the abrasive elements and eroded material and separates them. Suitable for smooth, worn concrete floors, with tenacious residue or surface pollution. Gives a rough substrate and increases the level of absorption.

Milling or scarification: treatment carried out using a machine fitted with a multi-shaft drum rotating on the horizontal axis and fitted with metal tools. The ability to adjust the drum means that the depth of the operation can be pre-set. Suitable for weakened, worn and polluted concrete floors. Gives an extremely rough and highly absorbent substrate.

Factory System for the creation of resin floors



1.1_Simple impregnation system
Smooth finish

Page. 8



1.2_Impregnation-until-saturated system
Smooth finish

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2.1_Thin film system
Smooth finish \approx 300 microns thickness

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2.2_Thick film system
Textured finish \approx 600 microns thickness

Page. 14



3.1_Thin multi-layer system
Textured finish \approx 1-1.5 mm thickness

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3.2_Thin multi-layer system
Non-slip finish \approx 1-1.5 mm thickness

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3.3_ Thick multi-layer system
Textured finish \approx 2.5-3 mm thickness

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3.4_ Thick multi-layer system
Non-slip finish \approx 2.5-3 mm thickness

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3.5_ Breathable multi-layer system
Microporous finish \approx 1.5 mm thickness

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3.6_ Thick trowelled multi-layer system
Smooth textured finish \approx 2.5-3 mm thickness

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4.1_ Self-levelling system
Smooth finish \approx 3 mm thickness

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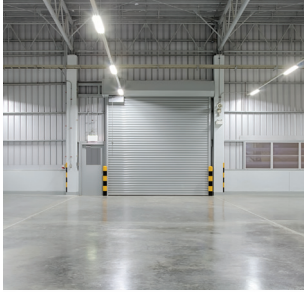
5.1_ Resin-based mortar system
Textured finish $>$ 5 mm thickness

Page. 30



5.2_ Resin-based mortar system
Non-slip finish $>$ 5 mm thickness

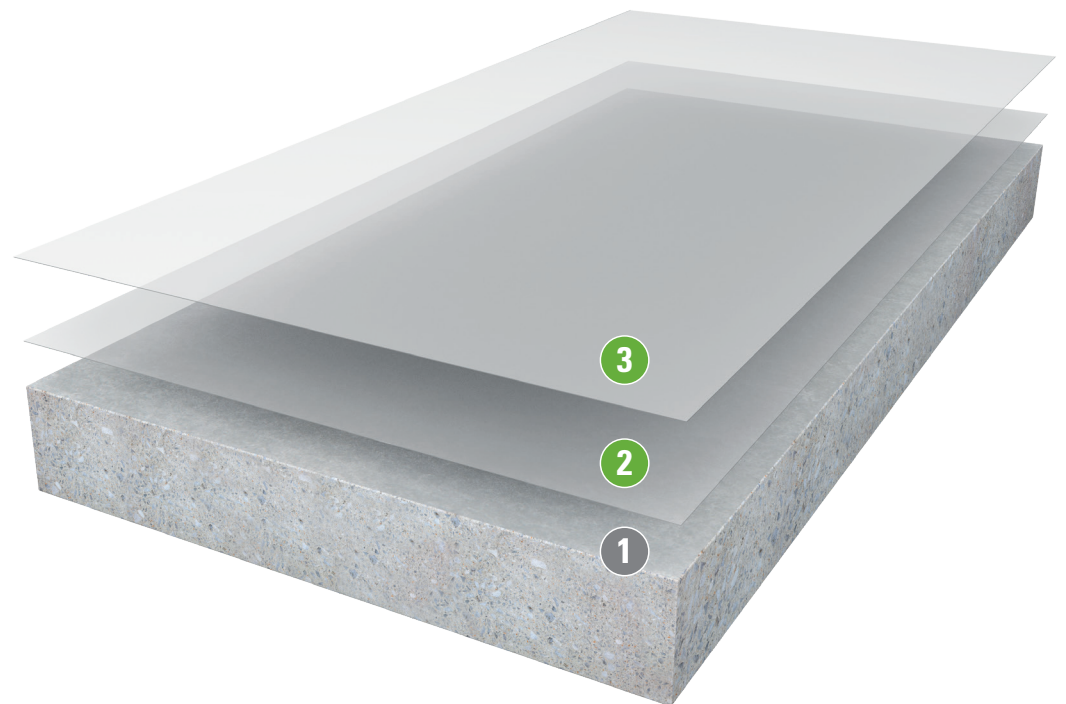
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1.1_Simple impregnation system Smooth finish

System for the creation of a dust-proofing, built-in, transparent impregnated coating for industrial concrete floors.

- Transparent semi-gloss finish
- Suitable for new industrial floors, including not cured floors
- Reduces the formation of dust
- Suitable for vehicular and industrial traffic



3_



Transparent impregnation

Factory Base EP

Transparent, water-based, organic, liquid impregnating agent, for dust-proof treatment of industrial concrete floors.

Rating 3
Coverage $\approx 0.03 \text{ kg/m}^2$



2_



Factory Base EP

Transparent, water-based, organic, liquid impregnating agent, for dust-proof treatment of industrial concrete floors.

Rating 3
Coverage $\approx 0.02 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Pressure washing: treatment performed by jet of water, preferably at a high temperature, at a pressure higher than 25 MPa and possibly with the aid of specific detergents in the presence of oily substances.

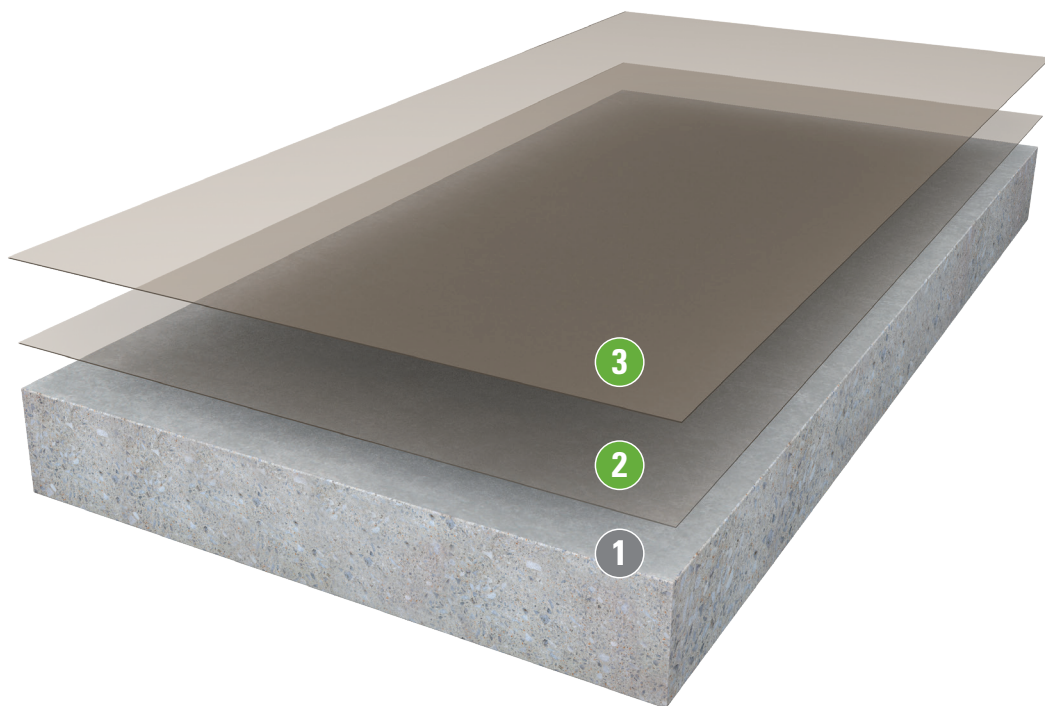
Sanding: treatment carried out using a machine fitted with a rotating plate supporting an abrasive fabric, paper or mesh disk.



1.2_Impregnation-until-saturated system Smooth finish

System for the creation of a built-in, transparent, impregnated-until-saturated coating for industrial concrete floors. Increases resistance to abrasion and reduces the absorption of water and oils.

- Transparent semi-gloss smooth finish
- Suitable for new industrial flooring
- Prevents the formation of dust
- Increases resistance to surface abrasion
- Suitable for medium intensity vehicular and industrial traffic



3_



Transparent impregnation

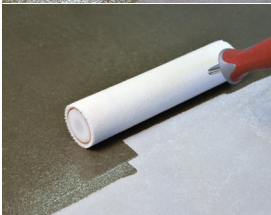
Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.1 \text{ kg/m}^2$



2_



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.1 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Sanding: treatment performed with a machine equipped with a rotating plate supporting a canvas, paper, or abrasive mesh disc.

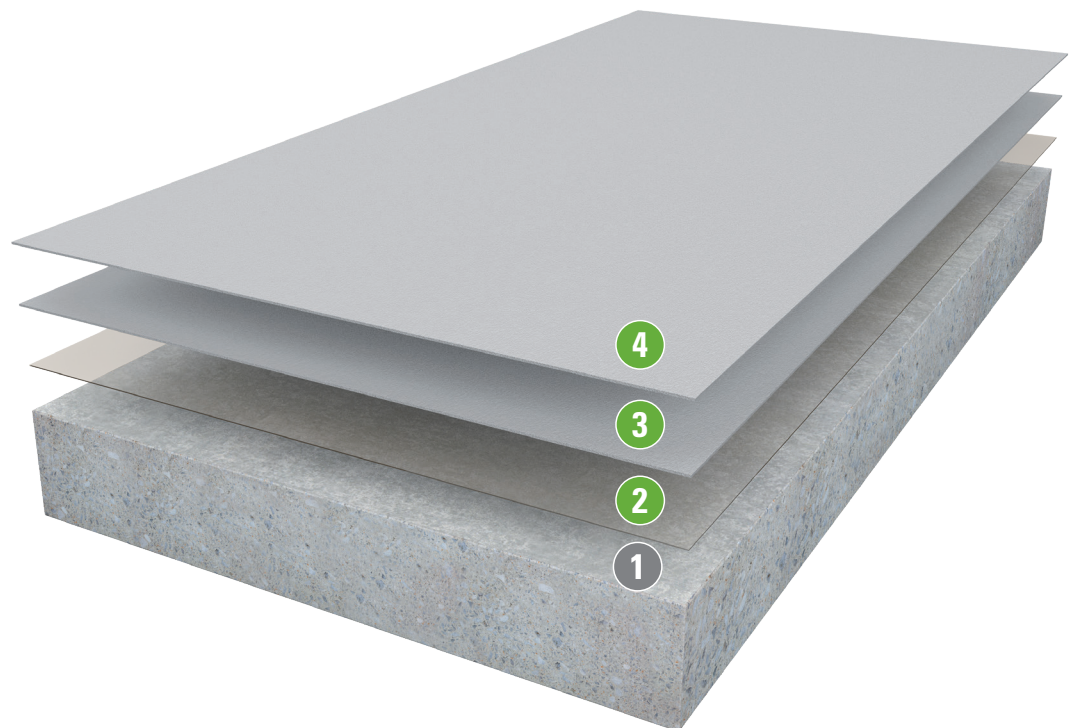


2.1_Thin film system

Smooth finish \approx 300 microns thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing characteristics of the floor and reduces the absorption of water and oils. Increases resistance to surface abrasion.

- Coloured semi-gloss finish
- Suitable for new industrial flooring
- Reduces dust formation and the absorption of liquids
- Suitable for medium intensity vehicle traffic
- Suitable for environments used for food processing
- Ideal for dry and clean processing



4_



Coloured finish

Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.1 \text{ kg/m}^2$



3_



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.12 \text{ kg/m}^2$



2_



Priming

Factory Primermaxi EP

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.

Rating 2
Coverage $\approx 0.2 - 0.3 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Sanding: treatment performed with a machine equipped with a rotating plate supporting a canvas, paper, or abrasive mesh disc.

Smoothing or grinding: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed.

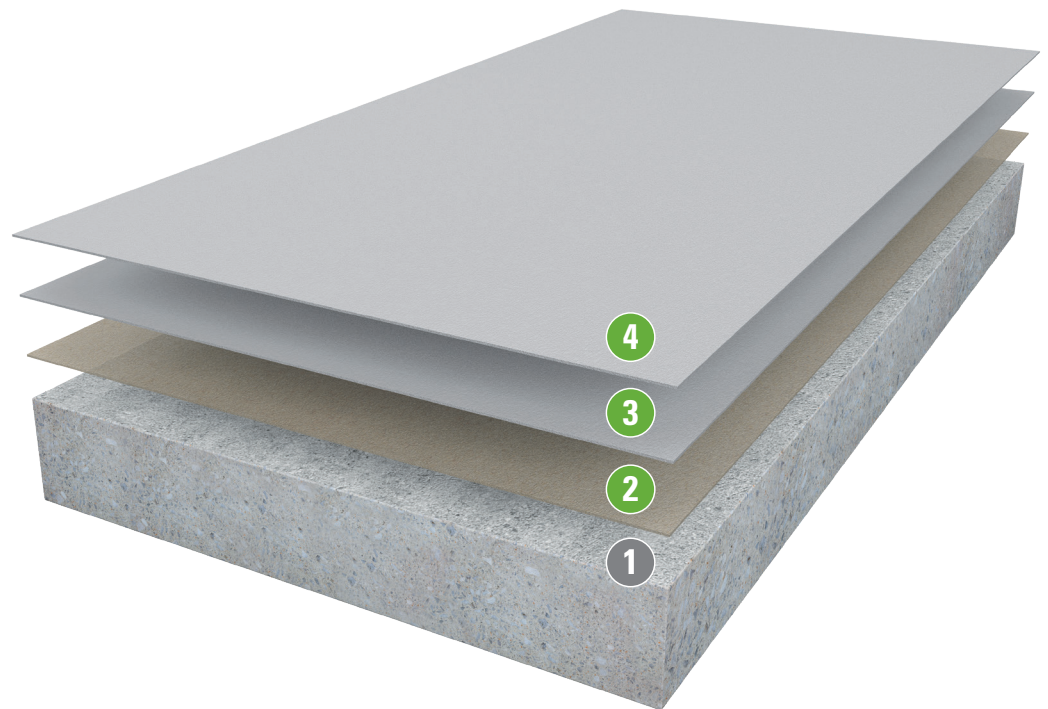


2.2_Thick film system

Textured finish \approx 600 microns thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

- Coloured semi-gloss finish
- Suitable for new industrial flooring
- Impermeable to water and oils
- Suitable for medium intensity vehicle traffic
- Suitable for environments used for food processing
- Ideal for dry and clean processing



4_



Coloured finish

Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.12 \text{ kg/m}^2$



3_



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.12 \text{ kg/m}^2$



2_



Smoothing

Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring. Solvent-free.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
 $\approx 0.5 \text{ kg/m}^2 : \approx 0.2 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Smoothing or grinding: treatment performed with a machine rotating on its vertical axis equipped with plates on which abrasive tools are positioned.

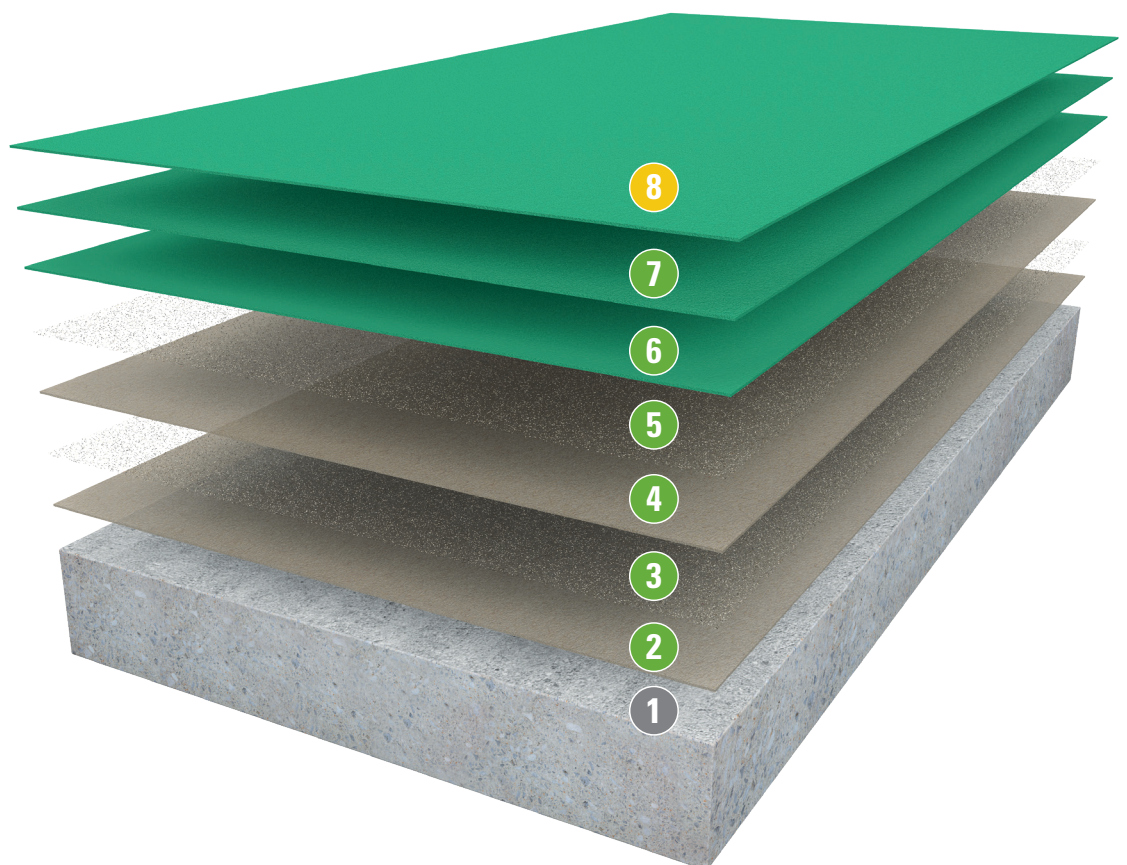


3.1_Thin multi-layer system

Textured finish \approx 1-1.5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

- Coloured semi-gloss finish
- Suitable for new or slightly worn industrial flooring
- Impermeable to water and oils
- Suitable for medium intensity industrial traffic
- Suitable for environments used for food processing
- Ideal for environments where dry and clean processing is carried out



8



Coloured finish

Factory Color PU/S (optional*)

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors. The application of Factory Color PU / S in its neutral version is recommended for environments that have possibly been in prolonged contact with antioxidants.

* Recommended to increase wear durability in environments with heavy traffic.

Rating 1
Coverage $\approx 0.1 \text{ kg/m}^2$



7



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.12 \text{ kg/m}^2$



Coloured finish

6



Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
 $\approx 0.4 \text{ kg/m}^2 : \approx 0.15 - 0.2 \text{ kg/m}^2$



Dusting to saturation point

5



Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



Correction with finishing product

4



Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring. Solvent-free.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
 $\approx 0.5 \text{ kg/m}^2 : \approx 0.2 - 0.25 \text{ kg/m}^2$



Dusting to saturation point

3



Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



Correction with finishing product

2



Factory Primermaxi EP : Quarzo 1.3 – 1.7

Epoxy system for the preparation of substrates before creating resin-based continuous flooring. Solvent-free.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
 $\approx 0.5 \text{ kg/m}^2 : \approx 0.2 - 0.25 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Smoothing or grinding: treatment performed with a machine rotating on its vertical axis equipped with plates on which abrasive tools are positioned.

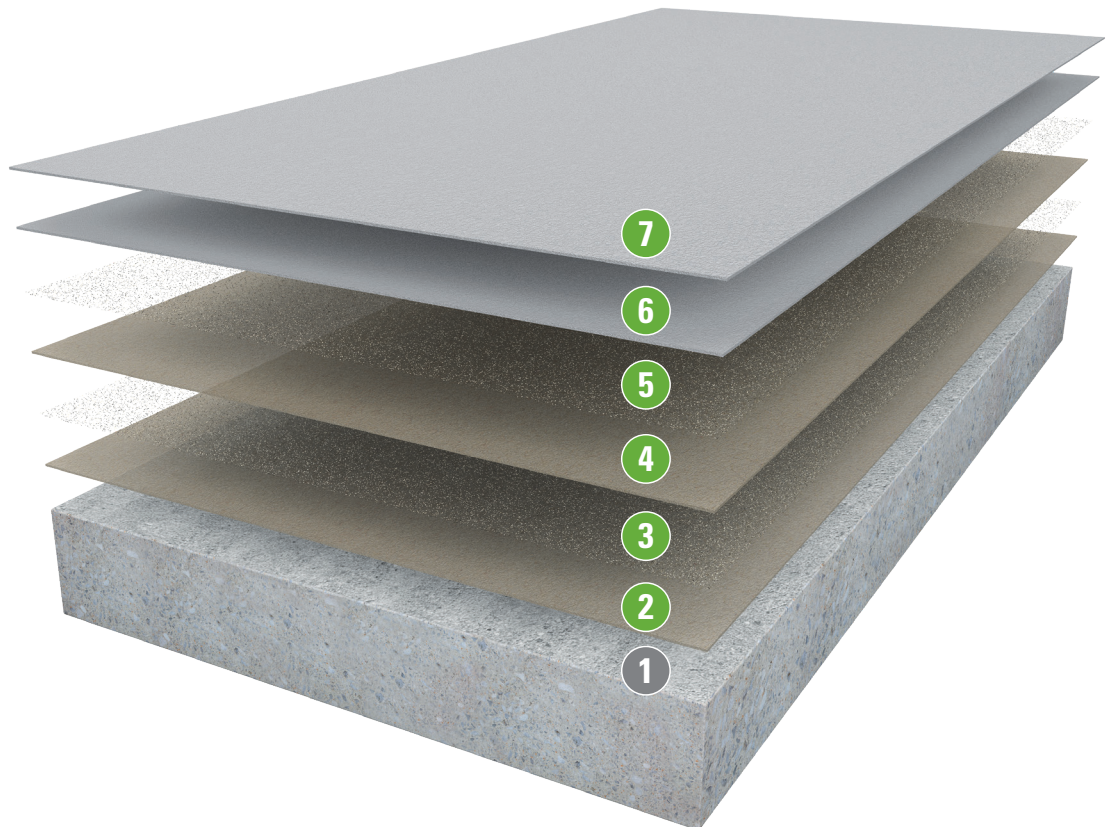


3.2_Thin multi-layer system

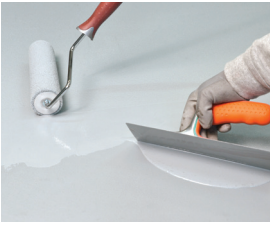
Non-slip finish \approx 1-1.5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

- Coloured satin finish
- Suitable for new or slightly worn industrial flooring
- Impermeable to water and oils
- Suitable for medium intensity industrial traffic
- Suitable for environments used for food processing
- Ideal for environments where wet processing is carried out



7_

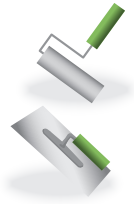


Non-slip coloured finish

Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free. Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
≈ 0.3 kg/m² : ≈ 0.1 kg/m²



6_



Coloured finish

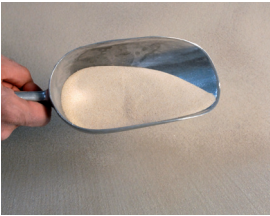
Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free. Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
≈ 0.4 kg/m² : ≈ 0.15 – 0.2 kg/m²



5_



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage ≈ 1.5 kg/m²



4_



Correction with finishing product

Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring. Two-component, solvent-free. Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
≈ 0.5 kg/m² : ≈ 0.2 – 0.25 kg/m²



3_



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage ≈ 1.5 kg/m²



2_



Correction with finishing product

Factory Primermaxi EP : Quarzo 1.3 – 1.7

Epoxy system for the preparation of substrates before creating resin-based continuous flooring. Two-component, solvent-free. Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
≈ 0.5 kg/m² : ≈ 0.2 – 0.25 kg/m²



Substrate preparation (concrete substrate)

1_ Smoothing or grinding: treatment performed with a machine rotating on its vertical axis equipped with plates on which abrasive tools are positioned.

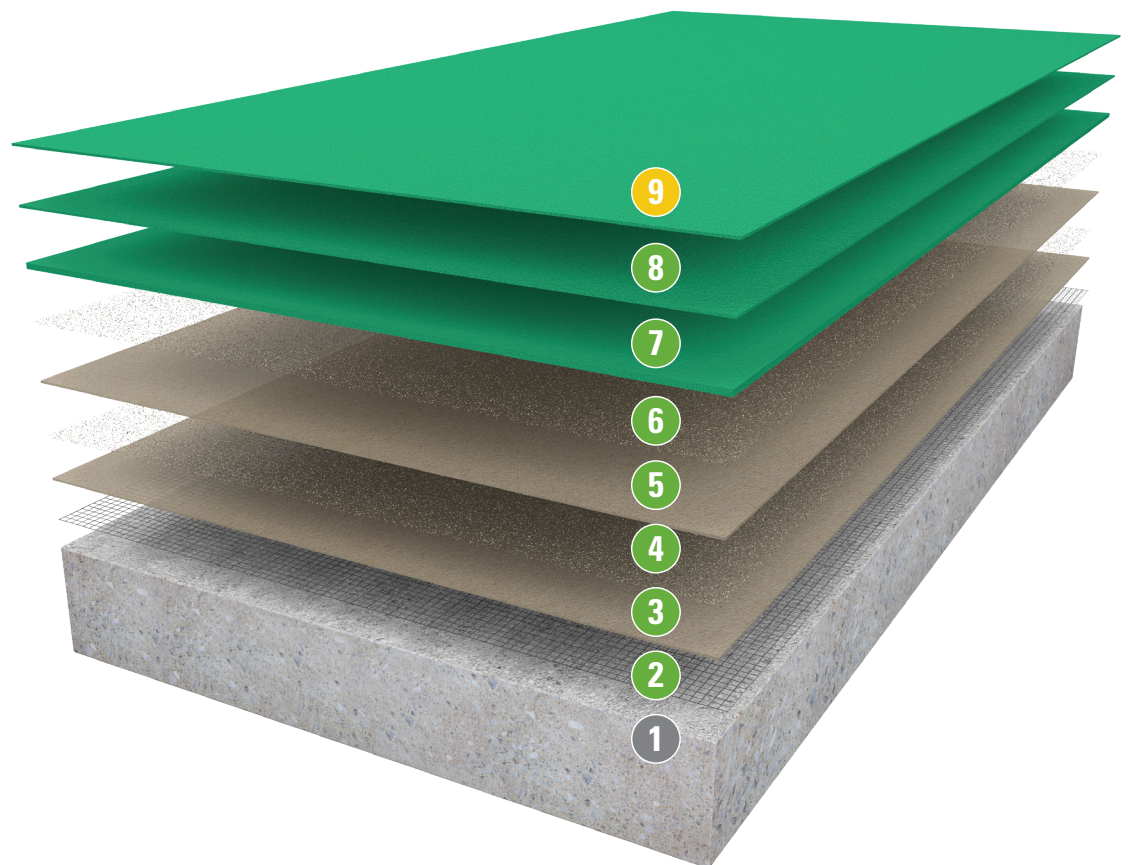


3.3_Thick multi-layer system

Textured finish \approx 2.5-3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

- Coloured semi-gloss finish
- Suitable for brand new industrial floors, worn and/or superficially polluted floors
- Impermeable to water and oils
- Suitable for medium/high intensity industrial traffic
- Suitable for environments used for food processing
- Ideal for environments where dry and clean processing is carried out



9



Coloured finish

Factory Color PU/S (optional*)

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors. Two-component, safeguards the health of the environment. The application of Factory Color PU / S in its neutral version is recommended for environments that have possibly been in prolonged contact with antioxidants. * *Recommended to increase wear durability in environments with heavy traffic.*

Rating 1
Coverage $\approx 0.1 \text{ kg/m}^2$



8



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors. Two-component, safeguards the health of the environment.

Rating 1
Coverage $\approx 0.12 \text{ kg/m}^2$



7



Coloured finish

Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
 $\approx 0.4 \text{ kg/m}^2 : \approx 0.15 - 0.2 \text{ kg/m}^2$



6



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



5



Correction with finishing product

Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
 $\approx 0.5 \text{ kg/m}^2 : \approx 0.2 - 0.25 \text{ kg/m}^2$



4



Dusting to saturation point

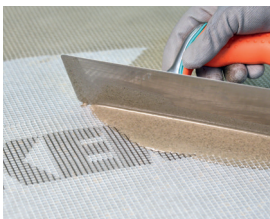
Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



3



Mesh-reinforced finishing coat

Factory Primermaxi EP : Quarzo 1.3 - 1.7

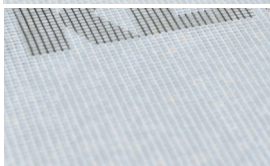
Epoxy system for the preparation of substrates before creating resin-based continuous flooring.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage $\approx 1 \text{ kg} : \approx 0.5 \text{ kg}$



2



Net 90

Alkali-resistant fibreglass reinforcing mesh to strengthen synthetic and mineral finishing coats.

Substrate preparation (concrete substrate)

1_ Smoothing or grinding: treatment performed with a machine rotating on its vertical axis equipped with plates on which abrasive tools are positioned.

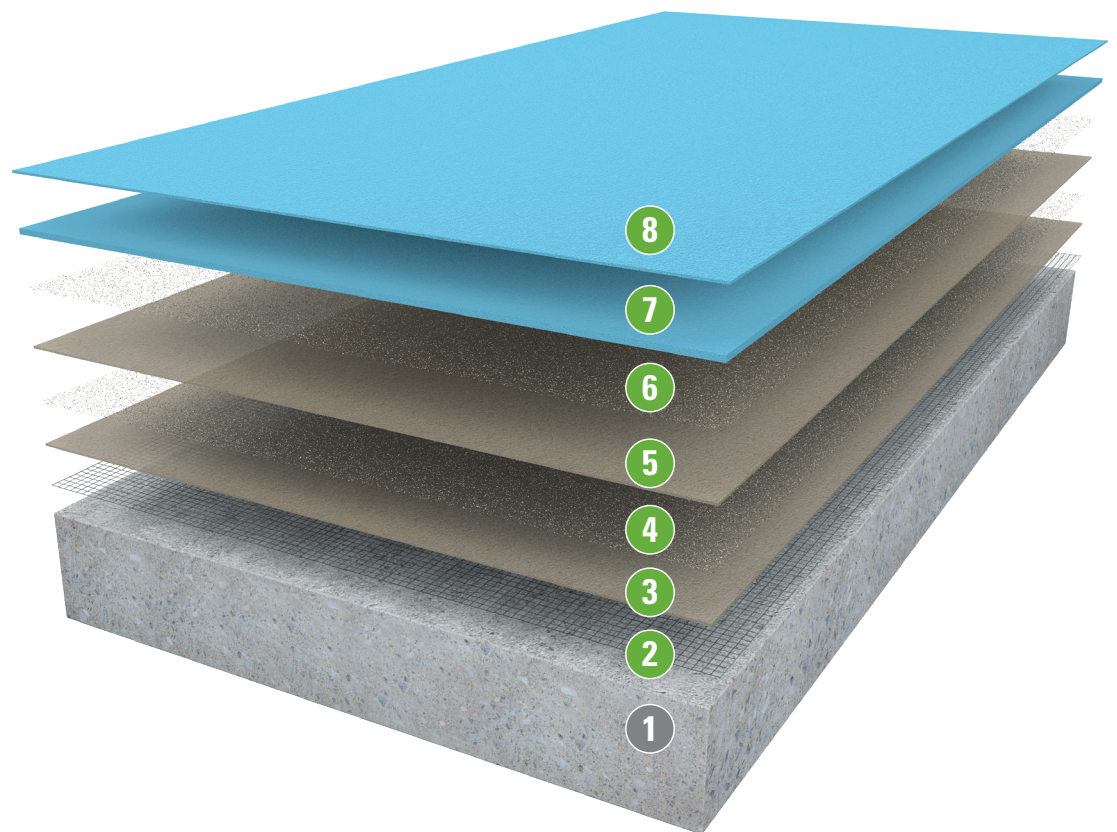


3.4_Thick multi-layer system

Non-slip finish \approx 2.5-3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

- Coloured satin finish
- Suitable for brand new industrial floors, worn and/or superficially polluted floors
- Impermeable to water and oils
- Suitable for medium/high intensity industrial traffic
- Suitable for environments used for food processing
- Ideal for environments where wet processing is carried out



8

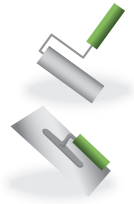


Non-slip coloured finish

Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
≈ 0.3 kg/m² : ≈ 0.1 kg/m²



7



Coloured finish

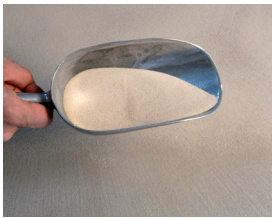
Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
≈ 0.4 kg/m² : ≈ 0.15 – 0.2 kg/m²



6



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage ≈ 1.5 kg/m²



5



Correction with finishing product

Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
≈ 0.5 kg/m² : ≈ 0.2 – 0.25 kg/m²



4



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage ≈ 1.5 kg/m²



3



Mesh-reinforced finishing coat

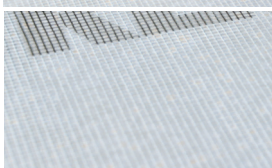
Factory Primermaxi EP : Quarzo 1.3 – 1.7

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage ≈ 1 kg : ≈ 0.5 kg



2



Net 90

Alkali-resistant fibreglass reinforcing mesh to strengthen synthetic and mineral finishing coats.

Substrate preparation (concrete substrate)

1_ Smoothing or grinding: treatment performed with a machine rotating on its vertical axis equipped with plates on which abrasive tools are positioned.

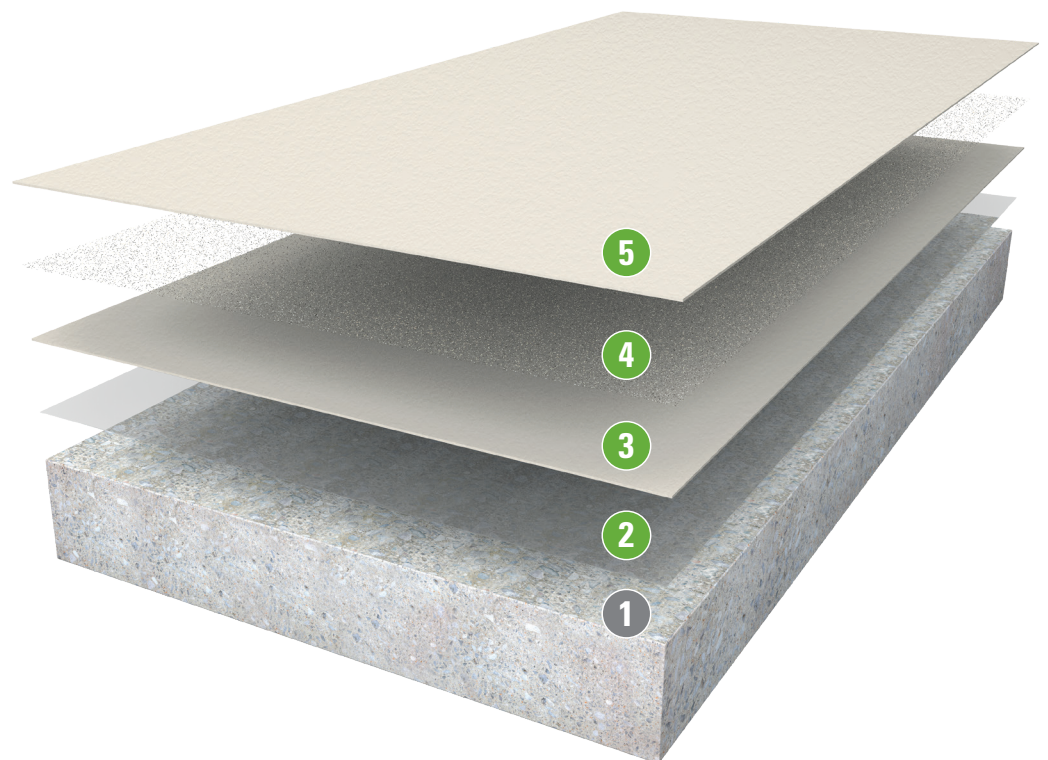


3.5_Breathable multi-layer system

Microporous finish ≈ 1.5 mm thickness

System to create breathable, coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring, is impermeable to water and resistant to oil, hydrocarbons and liquids used for food purposes.

- Coloured opaque finish
- Suitable for floors without vapour barrier, or with high humidity levels, even if worn
- Water-resistant
- Suitable for low intensity industrial traffic
- Ideal for clean, dry and wet processing



5_



Coloured finish

Factory Colorwet EP

Highly vapour-permeable coloured organic mineral coating for industrial floors. Two-component, with reduced solvent content, safeguards the health of operators.

Rating 2
Coverage $\approx 0.7 \text{ kg/m}^2$



4_



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



3_



Coloured finish

Factory Colorwet EP

Highly vapour-permeable coloured organic mineral coating for industrial floors. Two-component, with reduced solvent content, safeguards the health of operators.

Rating 2
Coverage $\approx 2.3 \text{ kg/m}^2$



2_



Priming

Factory Base EP

Transparent, water-based, organic, liquid impregnating agent, for dust-proof treatment of industrial concrete floors. Two-component, with reduced solvent content, safeguards the health of operators.

Rating 3
Coverage $\approx 0.1 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Shot peening: treatment performed with a machine with adjustable feed speed projecting spherical metal aggregates onto the substrate, equipped with a vacuum cleaner that recovers the abrasive elements and the eroded material, and separates them.

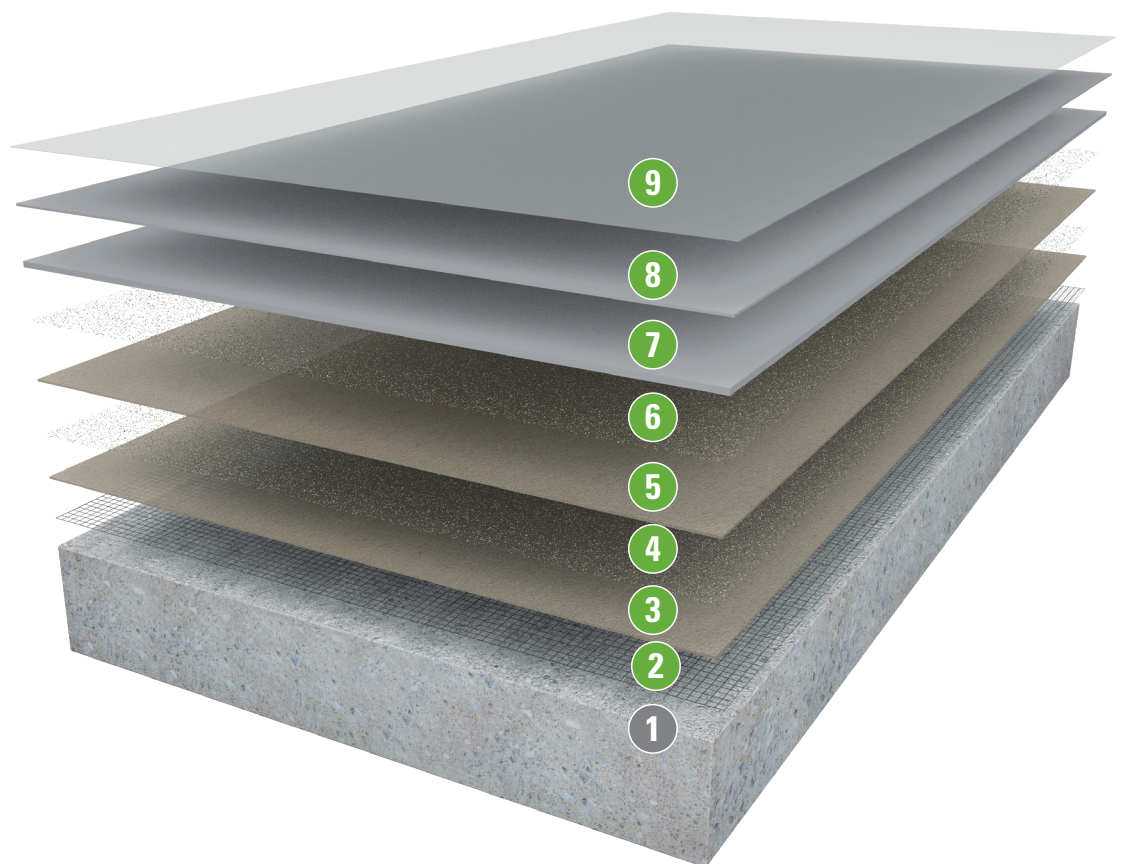


3.6_Thick trowelled multi-layer system

Smooth textured finish \approx 2.5-3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

- Specific for management centres, offices, showrooms and car showrooms
- Coloured satin finish
- Monochromatic trowelled texture
- Suitable for brand new industrial floors, worn and/or superficially polluted floors
- Impermeable to water and oils
- Suitable for environments used for dry food processing



9



Coloured finish

Factory Color PU/S

Coloured or **neutral*** liquid organic finish, recommended to increase wear durability in environments with heavy traffic.
** The application of Factory Color PU /S in its neutral version is recommended for environments that have possibly been in prolonged contact with antioxidants.*

Rating 1
 Coverage $\approx 0.1 \text{ kg/m}^2$



8



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors. Two-component, safeguards the health of the environment.

Rating 1
 Coverage $\approx 0.12 \text{ kg/m}^2$



7



Coloured finish

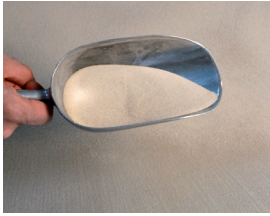
Factory Colorflow EP : Addensante

Self-levelling, high-performance coloured organic mineral coating for industrial floors.
 Thixotropic agent for synthetic binding or finishing products.

Rating 3
 Coverage
 $\approx 0.7 \text{ kg/m}^2 : \approx 0.02 \text{ kg/m}^2$



6



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



5



Correction with finishing product

Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.
 Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
 Coverage
 $\approx 0.5 \text{ kg/m}^2 : \approx 0.2 - 0.25 \text{ kg/m}^2$



4



Dusting to saturation point

Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



3



Mesh-reinforced finishing coat

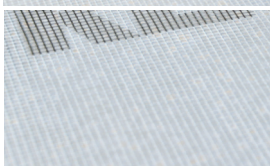
Factory Primermaxi EP : Quarzo 1.3 - 1.7

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.
 Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
 Coverage $\approx 1 \text{ kg} : \approx 0.5 \text{ kg}$



2



Net 90

Alkali-resistant fibreglass reinforcing mesh to strengthen synthetic and mineral finishing coats.

Substrate preparation (concrete substrate)

1_ Smoothing or grinding: treatment performed with a machine rotating on its vertical axis equipped with plates on which abrasive tools are positioned.

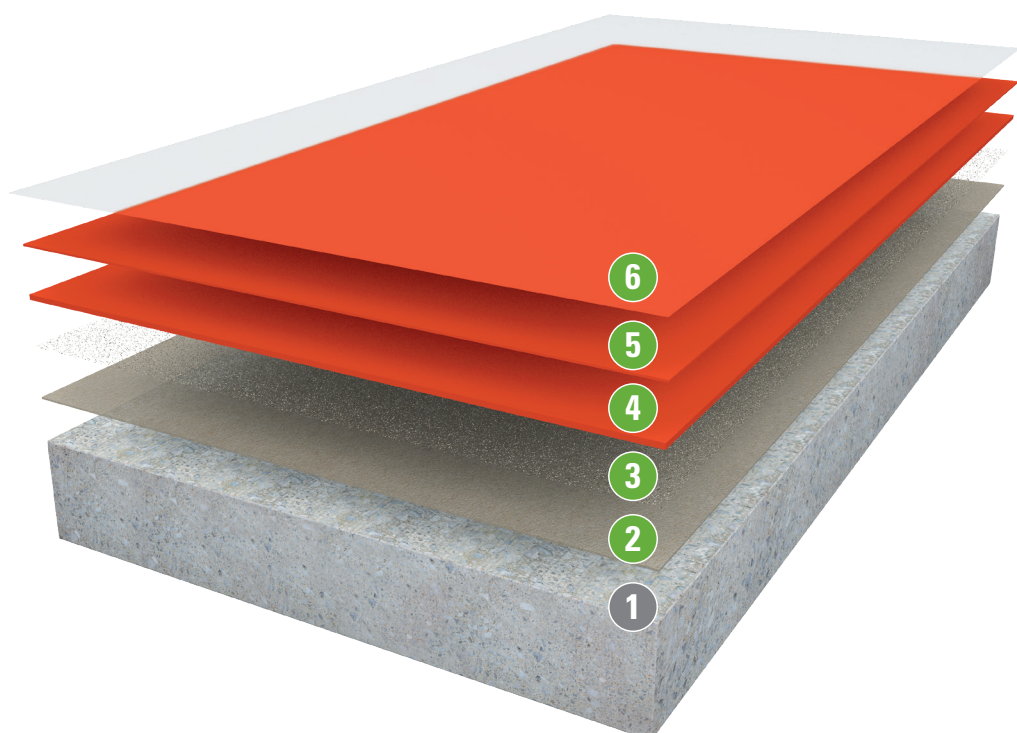


4.1_Self-levelling system

Smooth finish ≈ 3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

- Coloured smooth satin finish
- Suitable for brand new industrial floors, worn and/or superficially polluted floors
- Impermeable to water and oils
- Suitable for medium intensity industrial traffic
- Ideal for dry and clean processing
- Suitable for environments used for food processing



6



Coloured finish

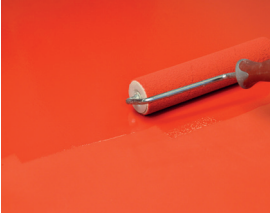
Factory Color PU/S

Coloured or **neutral*** liquid organic finish, recommended to increase wear durability in environments with heavy traffic.
** The application of Factory Color PU/S in its neutral version is recommended for environments that have possibly been in prolonged contact with antioxidants.*

Rating 1
 Coverage $\approx 0.1 \text{ kg/m}^2$



5



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
 Coverage $\approx 0.12 \text{ kg/m}^2$



Coloured self-levelling product

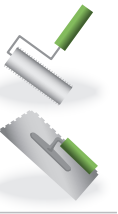
4



Factory Colorflow EP

Self-levelling, high-performance two-component coloured organic mineral coating for industrial floors.

Rating 3
 Coverage $\approx 3 \text{ kg/m}^2$



Dusting to saturation point

3



Quarzo 1.3

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Coverage $\approx 1.5 \text{ kg/m}^2$



Correction with finishing product

2



Factory Primermaxi EP : Quarzo 1.3 - 1.7

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
 Coverage
 $\approx 0.8 \text{ kg/m}^2 : \approx 0.3 - 0.4 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Shot peening: treatment performed with a machine with adjustable feed speed projecting spherical metal aggregates onto the substrate, equipped with a vacuum cleaner that recovers the abrasive elements and the eroded material, and separates them.

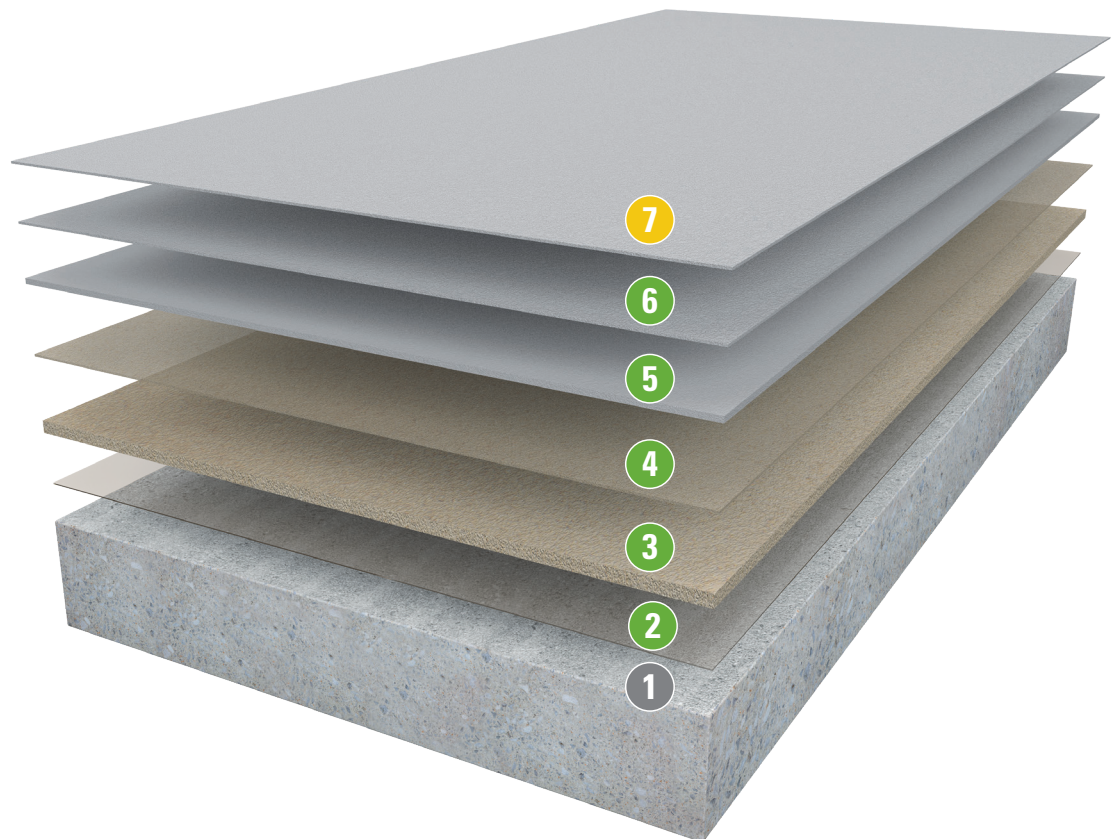


5.1_Resin-based mortar system

Textured finish > 5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Increases the mechanical resistance of the support and the resistance to surface abrasion. Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes.

- Coloured semi-gloss finish
- Suitable for industrial flooring, including worn, cracked, weakened and polluted floors
- Ideal for high thickness corrections and for the formation of slopes
- Impermeable to water and oils
- Suitable for medium/high intensity industrial traffic
- Suitable for environments used for food processing
- Ideal for dry and clean processing



7_



Coloured finish

Factory Color PU/S (optional*)

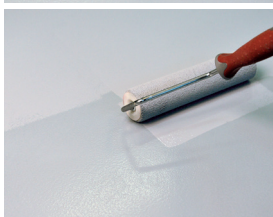
Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors. The application of Factory Color PU / S in its neutral version is recommended for environments that have possibly been in prolonged contact with antioxidants.

* Recommended to increase wear durability in environments with heavy traffic.

Rating 1
Coverage $\approx 0.1 \text{ kg/m}^2$



6_



Factory Color PU/S

Coloured or neutral high-performance eco-friendly liquid organic finish for resin floors.

Rating 1
Coverage $\approx 0.12 \text{ kg/m}^2$



5_



Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
 $\approx 0.4 \text{ kg/m}^2 : \approx 0.15 - 0.2 \text{ kg/m}^2$



4_



Smoothing

Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
 $\approx 0.6 \text{ kg/m}^2 : \approx 0.25 \text{ kg/m}^2$



3_



Epoxy mortar

EP21 : Quarzo 5.12

Certified organic resin for the consolidation of absorbent substrates.

Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 3
Coverage
 $\approx 0.15 - 0.2 \text{ kg/mm}^2 : \approx 1.5 \text{ kg/mm}^2$



2_



Priming

EP21

Certified, organic resin for the consolidation of absorbent substrates and the covering and waterproofing of absorbent mineral or cement-based substrates with high residual humidity.

Rating 3
Coverage $\approx 0.4 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Milling or scraping: treatment performed with a machine featuring a multi-shaft drum rotating on its horizontal axis equipped with metal tools. The ability to adjust the drum means that the depth of the operation can be pre-set.

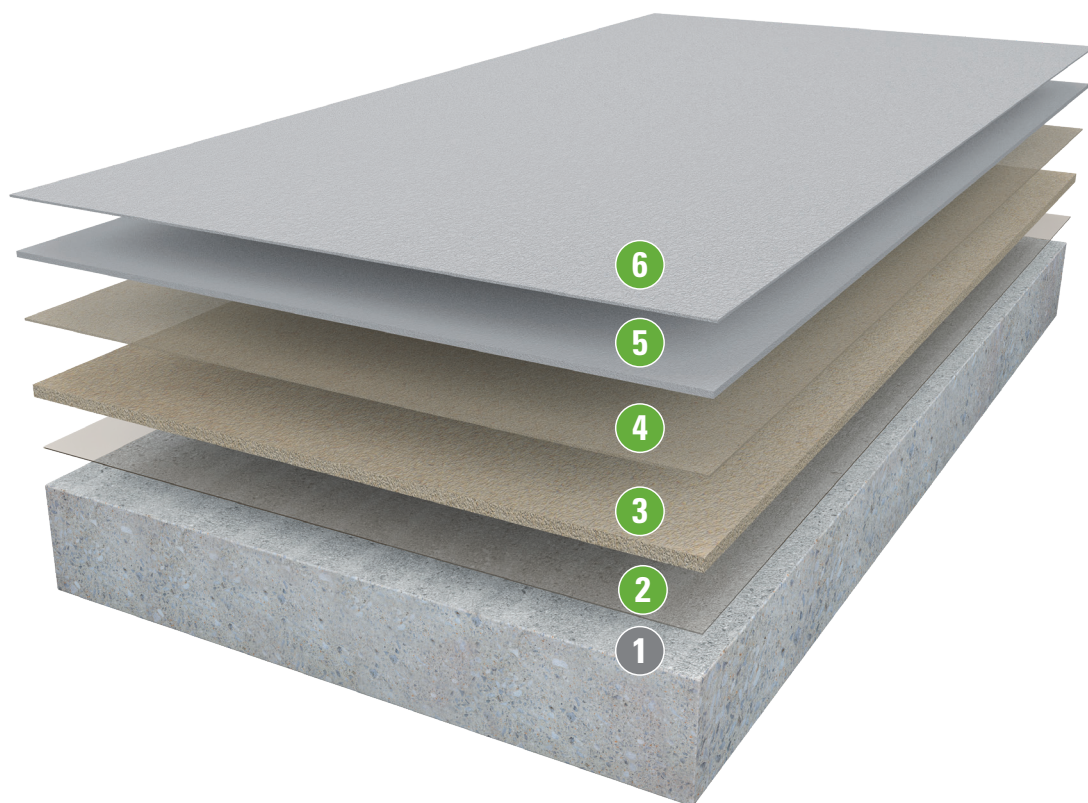


5.2_Resin-based mortar system

Non-slip finish > 5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Increases the mechanical resistance of the support and the resistance to surface abrasion. Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes.

- Coloured satin finish
- Suitable for industrial flooring, including worn, cracked, weakened and polluted floors
- Ideal for high thickness corrections and for the formation of slopes
- Impermeable to water and oils
- Suitable for medium/high intensity industrial traffic
- Suitable for environments used for food processing
- Ideal for wet processing



6

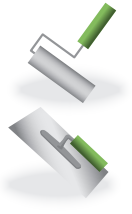


Non-slip coloured finish

Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
 $\approx 0.3 \text{ kg/m}^2 : \approx 0.1 \text{ kg/m}^2$



5



Coloured finish

Factory Colormaxi EP : Quarzo 1.3

Multi-purpose, high-performance coloured organic mineral coating for industrial floors. Two-component, solvent-free.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 1
Coverage
 $\approx 0.4 \text{ kg/m}^2 : \approx 0.15 - 0.2 \text{ kg/m}^2$



4



Smoothing

Factory Primermaxi EP : Quarzo 1.3

Epoxy system for the preparation of substrates before creating resin-based continuous flooring.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 2
Coverage
 $\approx 0.6 \text{ kg/m}^2 : \approx 0.25 \text{ kg/m}^2$



3



Epoxy mortar

EP21 : Quarzo 5.12

Certified organic resin for the consolidation of absorbent substrates.
Eco-friendly, calibrated mineral quartz with controlled grain size, washed, free of organic impurities, perfectly dry.

Rating 3
Coverage
 $\approx 0.15 - 0.2 \text{ kg/mm/m}^2 : \approx 1.5 \text{ kg/mm/m}^2$



2



Priming

EP21

Certified, organic resin for the consolidation of absorbent substrates and the covering and waterproofing of absorbent mineral or cement-based substrates with high residual humidity.

Rating 3
Coverage $\approx 0.4 \text{ kg/m}^2$



Substrate preparation (concrete substrate)

1_ Milling or scraping: treatment performed with a machine featuring a multi-shaft drum rotating on its horizontal axis equipped with metal tools. The ability to adjust the drum means that the depth of the operation can be pre-set.

Application cycles technical data sheets

1.1_ Simple impregnation system

Smooth finish

1.2_ Impregnation-until-saturated system

Smooth finish

2.1_ Thin film system

Smooth finish ≈ 300 microns thickness

2.2_ Thick film system

Textured finish ≈ 600 microns thickness

3.1_ Thin multi-layer system

Textured finish ≈ 1-1.5 mm thickness

3.2_ Thin multi-layer system

Non-slip finish ≈ 1-1.5 mm thickness

3.3_ Thick multi-layer system

Textured finish ≈ 2.5-3 mm thickness

3.4_ Thick multi-layer system

Non-slip finish ≈ 2.5-3 mm thickness

3.5_ Breathable multi-layer system

Microporous finish ≈ 1.5 mm thickness

3.6_ Thick trowelled multi-layer system

Smooth textured finish ≈ 2.5-3 mm thickness

4.1 Self-levelling system

Smooth finish \approx 3 mm thickness

5.1 Resin-based mortar system

Textured finish > 5 mm thickness

5.2 Resin-based mortar system

Non-slip finish > 5 mm thickness

Colours for resin-based coating materials

1.1_Simple impregnation system

Smooth finish

System for the creation of a dust-proofing, built-in, transparent impregnated coating for industrial concrete floors.

Areas of use

Impregnating treatment for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, indoor parking lots, storehouses, forklift transit areas. Suitable for new or perfectly undamaged and unpolluted concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts.

Preparation of the laying surface

The laying surface must be prepared by pressure washing or sanding and dust must be thoroughly removed with a vacuum cleaner. On newly constructed substrates, wait for a minimum of 5 days after completion of the floor before proceeding to prepare the substrates and applying. Contraction and construction joints may be cut or open, clean and perfectly dusted.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Use a roller to apply a first coat of Factory Base EP diluted with water in the following ratio - water : Factory Base EP = 6 : 1, with a consumption of $\approx 0.02 \text{ kg/m}^2$ according to the absorbency of the substrate. Wait for the floor to be ready for foot traffic before proceeding with application of the next coat.

Use a roller to apply a second coat of Factory Base EP diluted with water in the following ratio - water : Factory Base EP = 4 : 1, with a consumption of $\approx 0.03 \text{ kg/m}^2$ according to the absorbency of the substrate.

Treatment of joints

After carrying out the application cycle, proceed as follows:

- apply the adhesive tape on the edges of the joint
- if necessary, insert the sub-joint layer
- apply Fugabella® Eco PU 40

1.2_Impregnation-until-saturated system

Smooth finish

System for the creation of a built-in, transparent, impregnated-until-saturated coating for industrial concrete floors. Increases resistance to abrasion and reduces the absorption of water and oils.

Areas of use

Impregnating treatment for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, indoor parking lots, storehouses. Not recommended in the presence of electric pallet trucks. Suitable for new or perfectly undamaged and unpolluted concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 2.5%.

Preparation of the laying surface

The laying surface must be prepared by sanding and dust must be thoroughly removed with a vacuum cleaner. Contraction and construction joints may be cut or open, clean and perfectly dusted.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Use a roller to apply a first coat of neutral Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 20-30% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Use a roller to apply a second coat of neutral Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 20-30% with DD.

Treatment of joints

After carrying out the application cycle, proceed as follows:

- apply the adhesive tape on the edges of the joint
- if necessary, insert the sub-joint layer
- apply Fugabella® Eco PU 40

2.1_Thin film system

Smooth finish \approx 300 microns thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing characteristics of the floor and reduces the absorption of water and oils. Increases resistance to surface abrasion.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, indoor parking lots, store areas. Not recommended for high intensity vehicular traffic, industrial traffic and in the presence of electric pallet trucks. Suitable for new or perfectly undamaged and unpolluted concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by sanding or smoothing and dust must be thoroughly removed with a vacuum cleaner. Contraction and construction joints must be cut or open, clean and perfectly dusted.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Use a roller to prime the substrate with Factory Primermaxi EP ($\approx 0.2\text{-}0.3 \text{ kg/m}^2$). Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Use a roller to apply a first coat of Factory Color PU/S ($\approx 0.12 \text{ kg/m}^2$) diluted to 10% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Use a roller to apply a second coat of Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 10% with DD.

Treatment of joints

After carrying out the application cycle, proceed as follows:

- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

2.2_Thick film system

Textured finish \approx 600 microns thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, indoor parking lots, store areas. Not recommended for high intensity vehicular traffic, industrial traffic and in the presence of electric pallet trucks. Suitable for new concrete floors including those with cracks, provided they are stable, and slight surface irregularities. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by smoothing and dust must be thoroughly removed with a vacuum cleaner. Contraction and construction joints must be cut or open, clean and perfectly dusted.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40% with Quarzo 1.3. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Use a roller to apply a first coat of Factory Color PU/S ($\approx 0.12 \text{ kg/m}^2$) diluted to 10% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Use a roller to apply a second coat of Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 10% with DD.

Treatment of joints

After carrying out the application cycle, proceed as follows:

- apply the adhesive tape on the edges of the joint
- if necessary, insert the sub-joint layer
- apply Fugabella® Eco PU 40

3.1_Thin multi-layer system

Textured finish \approx 1-1.5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, store areas, indoor parking lots, laboratories or factories where dry and/or clean processing is carried out. Not recommended for industrial traffic and in the presence of electric pallet trucks. Suitable for newly constructed or slightly worn concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by smoothing and dust must be thoroughly removed with a vacuum cleaner. Contraction and construction joints must be cut or open, clean and perfectly dusted.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3 and 1.7. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait until the product has hardened before proceeding with the subsequent application.

Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colormaxi EP ($\approx 0.4 \text{ kg/m}^2$) loaded at 30-40% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sand the surface and remove the dust with a vacuum cleaner.

Use a roller to apply a first coat of Factory Color PU/S ($\approx 0.12 \text{ kg/m}^2$) diluted to 10% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Optional: use a roller to apply a second coat of Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 10% with DD.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:

- insert the sub-joint layer
- apply Fugabella® SPC suitably added with Addensante
- finish the application cycle envisaged by the system.

N.B. the joint may be visible.

Construction joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

3.2_Thin multi-layer system

Non-slip finish \approx 1-1.5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use

Non-slip continuous coating for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, store areas, parking lots, laboratories or factories where wet and/or dirty processing is carried out. Not recommended for high levels of industrial traffic. Suitable for newly constructed or slightly worn concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by smoothing and dust must be thoroughly removed with a vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3 and 1.7. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colormaxi EP ($\approx 0.4 \text{ kg/m}^2$) loaded at 30-40% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sand the surface in order to eliminate impurities or any overlaps.

Use a spreader to apply Factory Colormaxi EP ($\approx 0.3 \text{ kg/m}^2$) loaded at 30% with Quarzo 1.3 and pass over with a short-bristle or sponge roller while the product is still fresh.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:

- insert the sub-joint layer
- apply Fugabella® SPC suitably added with Addensante
- finish the application cycle envisaged by the system.

N.B. the joint may be visible.

Construction joints

After carrying out the application cycle, proceed as follows:

- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- cut at the existing joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

3.3_Thick multi-layer system

Textured finish \approx 2.5-3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, store areas, indoor parking lots, laboratories or factories where dry and/or clean processing is carried out. Not recommended for industrial traffic with the presence of electric pallet trucks. Suitable for newly constructed, slightly worn and/or superficially polluted concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by smoothing and dust must be thoroughly removed with a vacuum cleaner. Contraction and construction joints must be cut or open, clean and perfectly dusted.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Laying of Net 90 reinforcement mesh. Use a spreader to apply Factory Primermaxi EP ($\approx 1 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3 and 1.7. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colormaxi EP ($\approx 0.4 \text{ kg/m}^2$) loaded at 30-40% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sand the surface in order to eliminate impurities or any overlaps and remove the dust with a vacuum cleaner.

Use a roller to apply a first coat of Factory Color PU/S ($\approx 0.12 \text{ kg/m}^2$) diluted to 10% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Optional: use a roller to apply a second coat of Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 10% with DD.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:

- insert the sub-joint layer
- apply Fugabella® SPC suitably added with Addensante
- finish the application cycle envisaged by the system.

N.B. the joint may be visible.

Construction joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

3.4_Thick multi-layer system

Non-slip finish \approx 2.5-3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use

Non-slip continuous coating for smoothed or quartz-dusted concrete floors, specific for warehouses, garages, store areas, indoor parking lots, laboratories or factories where wet or dirty processing is carried out. Suitable for newly constructed, slightly worn and/or superficially polluted concrete floors. For internal use

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by smoothing and dust must be thoroughly removed with a vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Laying of Net 90 reinforcement mesh. Use a spreader to apply Factory Primermaxi EP ($\approx 1 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3 and 1.7. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat. Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colormaxi EP ($\approx 0.4 \text{ kg/m}^2$) loaded at 30-40% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sand the surface in order to eliminate impurities or any overlaps and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colormaxi EP ($\approx 0.3 \text{ kg/m}^2$) loaded at 30% with Quarzo 1.3 and pass over with a short-bristle or sponge roller while the product is still fresh.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:

- insert the sub-joint layer
- apply Fugabella® SPC suitably added with Addensante
- finish the application cycle envisaged by the system

N.B. the joint may be visible.

Construction joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- insert the sub-joint layer
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- apply Fugabella® Eco PU 40

3.5_Breathable multi-layer system

Microporous finish \approx 1.5 mm thickness

System to create breathable, coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring, is impermeable to water and resistant to oil, hydrocarbons and liquids used for food purposes.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors with light foot traffic, specific for warehouses, garages, store areas, laboratories or factories where clean processing is carried out. Not recommended for high intensity industrial traffic, in the presence of electric pallet trucks and for any environment where processing involving either liquids or substances that can stain surfaces is carried out. Suitable for new or worn concrete floors, with surface pollution, including those without vapour barrier or with high levels of residual humidity. For internal and external use. When used in external applications, the product and the whole application cycle have a decorative function only and not a protective one. Exposure to UV light can cause extreme colour changes.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from the formation of salt or rising saline substances or any other detaching substances.

Preparation of the laying surface

The laying surface must be prepared by shot peening and dust must be thoroughly removed with a vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Prime the substrate with Factory Base EP diluted 1 : 2 using water, with a consumption of $\approx 0.1 \text{ kg/m}^2$ of Factory Base EP (1 part of Factory Base EP : 2 parts of water).

When applying, take care to optimally impregnate the entire surface, taking care to remove any accumulations. Wait until the product has been completely absorbed and for the surface to be suitable for foot traffic before proceeding with the subsequent application.

Fill in and smooth any cracks with Factory Colorwet EP applied with a spreader.

Optional (for external applications)

Laying of Net 90 reinforcement mesh.

Lay Factory Colorwet EP with a spreader, taking care to smooth and level the surface, with a coverage of $\approx 2.3 \text{ kg/m}^2$. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand and remove the dust with a vacuum cleaner.

Lay Factory Colorwet EP with a spreader, taking care to smooth the product and even out the surface, with a coverage of $\approx 0.7 \text{ kg/m}^2$.

Treatment of joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

3.6_Thick trowelled multi-layer system

Smooth textured finish \approx 2.5-3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors specific for offices, show rooms, exhibition rooms. Not recommended for industrial traffic and in the presence of electric pallet trucks. Suitable for new or worn concrete floors, with surface pollution and cracks. For internal use

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by smoothing and dust must be thoroughly removed with a vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application

Preliminary check.

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Laying of Net 90 reinforcement mesh. Use a spreader to apply Factory Primermaxi EP ($\approx 1 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3 and 1.7. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz and sand the surface.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.5 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colorflow EP ($\approx 0.7 \text{ kg/m}^2$) to which Addensante (3%) has been added. Wait for the product to harden before proceeding with application of the next coat.

Sand the surface with a 120 grain, abrasive mesh disc mechanical buffer and remove the dust with a vacuum cleaner.

Use a roller to apply a first coat of Factory Color PU/S ($\approx 0.12 \text{ kg/m}^2$) diluted to 10% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Use a roller to apply a second coat of coloured or neutral Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 10% with DD.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:

- insert the sub-joint layer
- apply Fugabella® SPC suitably added with Addensante
- finish the application cycle envisaged by the system.

Construction joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

4.1_Self-levelling system

Smooth finish \approx 3 mm thickness

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors specific for offices, laboratories or factories where dry and clean processing is carried out; warehouses, storehouses, forklift transit areas. Not recommended for high intensity industrial traffic and in the presence of electric pallet trucks. Suitable for newly constructed, slightly worn and/or superficially polluted concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, smooth, have already completed the curing period of hygrometric shrinkage and have a surface tear strength $> 1.5 \text{ N/mm}^2$. It must be free from cement slurry, oil, grease, detaching substances, loose debris, inconsistent or flaky parts. The substrate must be free from moisture rising and must have a residual moisture \leq to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by shot peening and dust must be thoroughly removed with a vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application

Preliminary check

Before carrying out each step required by the system, check that the temperature of the laying surface is above $+8 \text{ }^\circ\text{C}$ and at least $+3 \text{ }^\circ\text{C}$ above the condensation point.

Use a spreader to apply Factory Primermaxi EP ($\approx 0.8 \text{ kg/m}^2$) loaded at 40-50% with Quarzo 1.3 and 1.7. While the product is still fresh, dust the surface with Quarzo 1.3 until saturated, with a consumption of $\approx 1.5 \text{ kg/m}^2$. Wait for the product to harden before proceeding with application of the next coat.

Remove the excess quartz, sand the surface and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colorflow EP ($\approx 3.2 \text{ kg/m}^2$ for a thickness of 2 mm); accurately and smoothly pass over with a specific roller to remove air bubbles. Do not apply below 2 mm; for higher thickness patch layers, take into account a consumption of $\approx 1.6 \text{ kg/mm/m}^2$. Wait for 48 hours at least before proceeding with the subsequent application.

Sand the surface with a 120 grain, abrasive mesh disc mechanical buffer and remove the dust with a vacuum cleaner.

Use a roller to apply a first coat of Factory Color PU/S ($\approx 0.12 \text{ kg/m}^2$) diluted to 10% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Use a roller to apply a second coat of coloured or neutral Factory Color PU/S ($\approx 0.1 \text{ kg/m}^2$) diluted to 10% with DD.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:

- insert the sub-joint layer
- apply Fugabella[®] SPC suitably added with Addensante
- finish the application cycle envisaged by the system.

Construction joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella[®] Eco PU 40

5.1_ Resin-based mortar system

Textured finish > 5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Increases the mechanical resistance of the support and the resistance to surface abrasion. Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes.

Areas of use

Continuous coating for smoothed or quartz-dusted concrete floors specific for laboratories or factories where dry and/or clean processing is carried out; warehouses, storehouses, forklift transit areas. Not recommended in the presence of electric pallet trucks. Suitable for newly constructed concrete floors, or weakened, severely worn, polluted and/or uneven concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, have already completed the curing period of hygrometric shrinkage and have a surface tear strength > 1.5 N/mm². The substrate must be free from moisture rising and must have a residual moisture ≤ to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by milling or scraping, and dust must be thoroughly removed with a vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application

Preliminary check

Before carrying out each step required by the system, check that the temperature of the laying surface is above +8 °C and at least +3 °C above the condensation point.

Prime the substrate with EP21 (≈ 400 g/m²).

Apply fresh on fresh the epoxy mortar obtained by mixing EP21 two-component epoxy binder with Quarzo 5.12 following the mixing ratio of 1 part of EP21 to 8-10 parts of Quarzo 5.12, with a consumption of ≈ 0.15-0.2 kg/m² of EP21 and ≈ 1.5 kg/mm/m² of Quarzo 5.12; make sure to create a ≥ 5 mm thickness. Wait for the epoxy mortar to harden before proceeding with application of the next coat.

Use a spreader to apply Factory Primermaxi EP (≈ 0.6 kg/m²) loaded at 40-50% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Use a spreader to apply Factory Colormaxi EP (≈ 0.4 kg/m²) loaded at 30-40% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sand the surface in order to eliminate impurities or any overlaps and remove the dust with a vacuum cleaner.

Use a roller to apply a first coat of Factory Color PU/S (≈ 0.12 kg/m²) diluted to 10% with DD. Wait until the product has hardened before proceeding with the subsequent application; in any case, it must be applied within a maximum of 24 hours.

Optional: use a roller to apply a second coat of Factory Color PU/S (≈ 0.1 kg/m²) diluted to 10% with DD.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:

- insert the sub-joint layer
- apply Fugabella® SPC suitably added with Addensante
- finish the application cycle envisaged by the system.

Construction joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

5.2_ Resin-based mortar system

Non-slip finish > 5 mm thickness

System to create coloured applied coatings for concrete industrial floors. Increases the mechanical resistance of the support and the resistance to surface abrasion. Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes.

Areas of use

Non-slip continuous coating for smoothed or quartz-dusted concrete floors specific for laboratories or factories where wet and/or dirty processing is carried out; warehouses, storehouses, forklift transit areas. Suitable for brand new concrete floors or damaged, heavily worn, polluted and/or uneven concrete floors. For internal use.

Substrate

The substrate must be suitable for the load to which it must be subjected. It must be stable, non-deformable, compact, have already completed the curing period of hygrometric shrinkage and have a surface tear strength > 1.5 N/mm². The substrate must be free from moisture rising and must have a residual moisture ≤ to 3.5%.

Preparation of the laying surface

The laying surface must be prepared by milling or scraping, and dust must be thoroughly removed with a vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application

Preliminary check

Before carrying out each step required by the system, check that the temperature of the laying surface is above +8 °C and at least +3 °C above the condensation point.

Prime the substrate with EP21 (≈ 0.4 kg/m²).

Apply fresh on fresh the epoxy mortar obtained by mixing EP21 two-component epoxy binder with Quarzo 5.12 following the mixing ratio of 1 part of EP21 to 8-10 parts of Quarzo 5.12, with a consumption of ≈ 0.15-0.2 kg/m² of EP21 and ≈1.5 kg/mm/m² of Quarzo 5.12; make sure to create a ≥ 5 mm thickness and wait until the epoxy mortar has hardened before proceeding with the subsequent application.

Use a spreader to apply Factory Primermaxi EP (≈ 0.6 kg/m²) loaded at 40-50% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Use a spreader to apply Factory Colormaxi EP (≈ 0.4 kg/m²) loaded at 30-40% with Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sand the surface in order to eliminate impurities or any overlaps and remove the dust with a vacuum cleaner.

Use a spreader to apply Factory Colormaxi EP (≈ 0.3 kg/m²) loaded at 30% with Quarzo 1.3 and pass over with a short-bristle or sponge roller while the product is still fresh.

Treatment of joints

Contraction joints

After application of the first coat of Factory Primermaxi EP, proceed as follows:



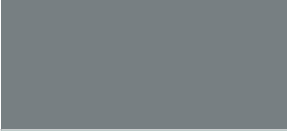
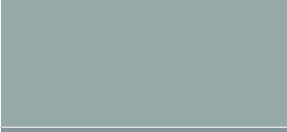






- insert the sub-joint layer
- apply Fugabella® SPC suitably added with Addensante
- finish the application cycle envisaged by the system.

Construction joints

After carrying out the application cycle, proceed as follows:

- cut at the existing joint
- apply Keragrip Eco Pulep
- apply the adhesive tape on the edges of the joint
- insert the sub-joint layer
- apply Fugabella® Eco PU 40

Colours for resin-based coating materials

Code	Type	Colour	Range	Code	Type	Colour	Range
RAL 1001	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B	RAL 7001	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B
RAL 1002	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP		B	RAL 7037	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B
RAL 1006*	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP		AA	RAL 7038	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B
RAL 1015	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B	RAL 7040	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B
RAL 3000*	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP		A	RAL 7042	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B
RAL 3011	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP** Factory Color PU/S		AA	RAL 7043	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		A
RAL 5007	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		A	RAL 7044	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B
RAL 5012	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		A	RAL 9001	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP** Factory Color PU/S		B
RAL 5024	Factory Colorflow EP** Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		A	RAL 9010	Factory Colorflow EP Factory Colormaxi EP Factory Color PU/S		B
RAL 6001	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP** Factory Color PU/S		AA	RAL 9016	Factory Colorflow EP Factory Colormaxi EP Factory Color PU/S		B
RAL 6017	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		AA				
RAL 6019	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		B				
RAL 6021	Factory Colorflow EP Factory Colormaxi EP Factory Colorwet EP Factory Color PU/S		A				

NOTES

- * Low coverage colour, do not use for applications as thin film (Factory System no. 2.1) and as thick film (Factory System no. 2.2); apply an additional white base coat on the wall
- ** The product's special finish means that it is not possible to reproduce the RAL colour indicated exactly

The shades shown in this colour chart are purely indicative. For colour selection you are referred to the Kerakoll RAL Colour Chart
NON-STANDARD COLOURS
For non-standard and non-coded colours, feasibility, delivery times and minimum quantities must always be requested.

This Technical Guide has been drafted on the basis of the best technical and practical knowledge of Kerakoll S.p.A.

It is, however, a set of guides and information of a general nature that do not consider the real situations of individual structures.

Kerakoll does not intervene directly in the building site conditions, the specific design of the project, and the execution of the work; the information and guidelines mentioned here do not commit Kerakoll in any way.

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