



DUROGLASS



Resin flooring

mpmsrl.com



DUROGLASS SYSTEMS

represent an excellence in industrial flooring, with performance of a high level and a duration over time proven by a solid reputation built over seventy years.



MPM Systems for industry

DUROGLASS systems are synonymous with innovation and functionality.

The outstanding features of the line, from wear resistance to thermal shocks resistance, make it the ideal choice for high-performance industrial floors.

DUROGLASS was designed to exceed expectations in every industrial area, guaranteeing unmatched durability over time, mechanical and chemical resistance, as well as antibacterial properties for safe and hygienic environments.

DUROGLASS systems are a benchmark in industrial flooring and have been chosen by pharmaceutical, chemical, electronics, and manufacturing industries for their reliability and long-term durability. The quick and practical installation meets modern needs of the industry, ensuring safety, hygiene and environmental efficiency.

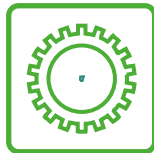
Fields of application



FOOD



PHARMACEUTICAL
CHEMISTRY



MANUFACTURING



PARKING SPACES



INFRASTRUCTURE



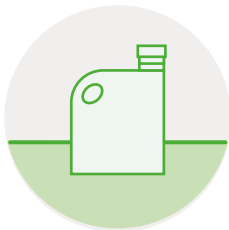
COMMERCIAL

Properties and feautures of **DUROGLASS** systems

MECHANICAL
RESISTANCE



CHEMICAL
RESISTANCE



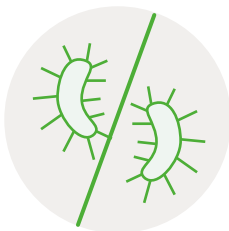
THERMAL
SHOCKS
RESISTANCE



NON-SLIP/
SAFE



ANTIBACTERIAL
PROPERTIES



DURABILITY
OVER TIME





Research & Development

Certifications

National and international regulations regarding safety and hygiene in industrial environments demand rigorous standards for flooring.

MPM offers certified high-performance solutions for every sector, with qualified and certified options like the **DUROGLASS** line ideal for different sectors such as chemical and pharmaceutical.

These floors ensure compliance with all safety and health requirements.



CE MARKING 1504-2
Products and systems for the protection and repair of concrete structures



CE MARKING 13813
Screeds and materials for screeds, properties and requirements



LEED
Design and build a building according to eco-sustainability criteria



INDOOR AIR COMFORT GOLD
compliance of products with the requirements of low VOC emission (volatile organic compounds)



HACCP
Protocol to protect the health and safety of the workplace



B fl – s1
Reaction-to-fire requirements for construction products



NON-SLIP
Surface roughness requirements for the safety of people



SEVERE CHEMICAL ATTACK
Resistance to aggressive chemicals according to UNI EN 13529



System Index

Consolidating and Film-forming products

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High Thickness and Multilayer systems

MPM FLOOR 04 Acid resistant epoxy coating system	MPM FLOOR 05 Multilayer water-based coating system	MPM FLOOR 06 Multilayer epoxy coating system
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Self-levelling systems

MPM FLOOR 07 Self-levelling epoxy coating system	MPM FLOOR 08 Self-levelling conductive epoxy coating system	MPM FLOOR 09 Self-levelling polyurethane coating system
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Epoxy screed

MPM FLOOR 10 Epoxy screed coating system
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Polyurethane Concrete

MPM FLOOR 11 Smooth self-levelling polyurethane concrete system 3-6mm	MPM FLOOR 12 Rough self-levelling polyurethane concrete system 6-9mm	MPM FLOOR 13 Polyurethane concrete screed system 6-12mm
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Outdoor Coating

MPM FLOOR 14 Water-based acrylic coating system

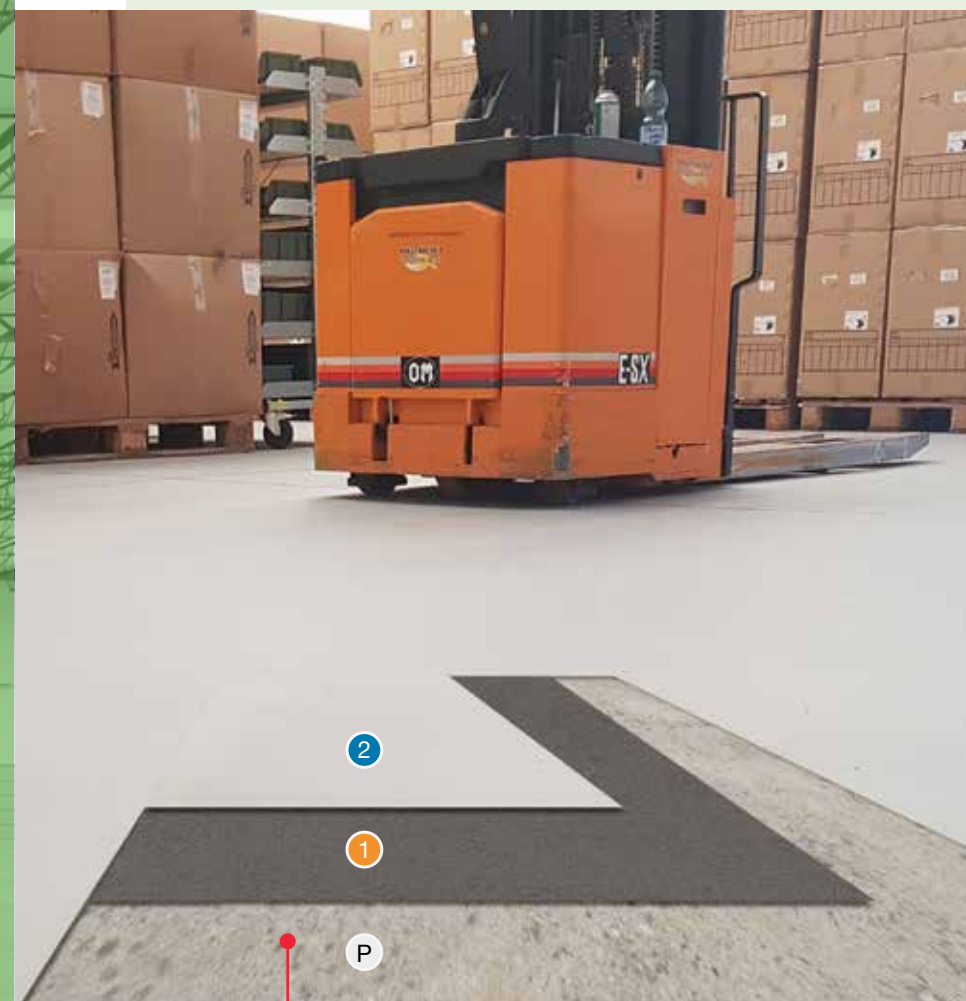
MPM FLOOR 01

Transparent water-based epoxy anti-dusting system

MPM FLOOR 01 – system board

Water-based epoxy anti-dusting system – transparent

WATER-BASED CONSOLIDATING ANTI-DUST EPOXY SYSTEM FOR CIVIL AND INDUSTRIAL FLOORS.



APPLICATION FIELDS

Consolidating, anti-dust and wear-resistant treatment for concrete floors of:

- warehouses
- industrial plants
- food environments
- technical rooms
- parking spaces
- laboratories
- showroom

and in general on surfaces subject to medium pedestrian and wheel traffic.

BENEFITS

- ✓ **Eco-friendly and odourless**
- ✓ Compatible with slightly **wet** concrete substrates
- ✓ Good **resistance to oils and fuels.**
- ✓ High **mechanical properties.**
- ✓ High hardness and **abrasion resistance.**
- ✓ **Strengthens and stops** concrete chalking

P

Concrete Substrate preparation

1

Transparent water-based epoxy **STARCEMENT 5/A**

2

Transparent water-based epoxy **STARCEMENT 5/A**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	STARCEMENT 5/A	 	0,05	2 to 16 hours
2	Finish	STARCEMENT 5/A	 	0,13	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation

Mechanical preparation by sanding and subsequent elimination of the resulting dust. Followed by possible washing with a scrubber dryer.
- 1

First coat

Application by roller or airless spray of water-based epoxy resin **STARCEMENT 5/A**, with an approximate consumption of 0.05 kg/sqm diluted 1:1 with water.
- 2

Second coat

Application by roller or airless spray of the second coat of **STARCEMENT 5/A** water-based epoxy resin, with an approximate consumption of 0.130 Kg/sqm. Diluted 1:0.5 with water..

COLOURS

The system is available in transparent version.

Download
the complete
system data
sheet



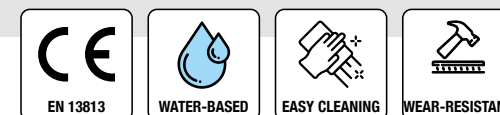
MPM FLOOR 02

Coloured waterbased epoxy
antidust system

MPM FLOOR 02 – system board

Water based epoxy anti-dust system

**COLOURED WATER BASED EPOXY ANTI-DUST SYSTEM
FOR CIVIL AND INDUSTRIAL FLOORING.**



APPLICATION FIELDS

Consolidating, anti-dust and wear-resistant glossy coloured treatment for concrete floors of:

- industrial plants
- food environments
- technical rooms
- warehouses
- parking spaces
- laboratories
- showroom

and in general on surfaces subject to medium pedestrian and wheeled traffic.

BENEFITS

- ✓ **Eco-friendly and odourless**
- ✓ Compatible with slightly **wet** concrete substrates
- ✓ Good **resistance to oils and fuels.**
- ✓ High **mechanical properties.**
- ✓ High hardness and **abrasion resistance.**
- ✓ **Strengthens and stops concrete chalking**



- P Substrate preparation
- 0 Primer for dump substrate **DUROGLASS FU**
- 1 Coloured water-based epoxy **DUROGLASS P**
- 2 Coloured water-based epoxy **DUROGLASS P**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P		0,15	6 to 24 hours
2	Finish	DUROGLASS P		0,15	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation
Mechanical preparation by sanding and subsequent elimination of the resulting dust. Followed by possible washing with a scrubber dryer.
- 0

Wet substrate
In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line befhours the indicated system.
- 1

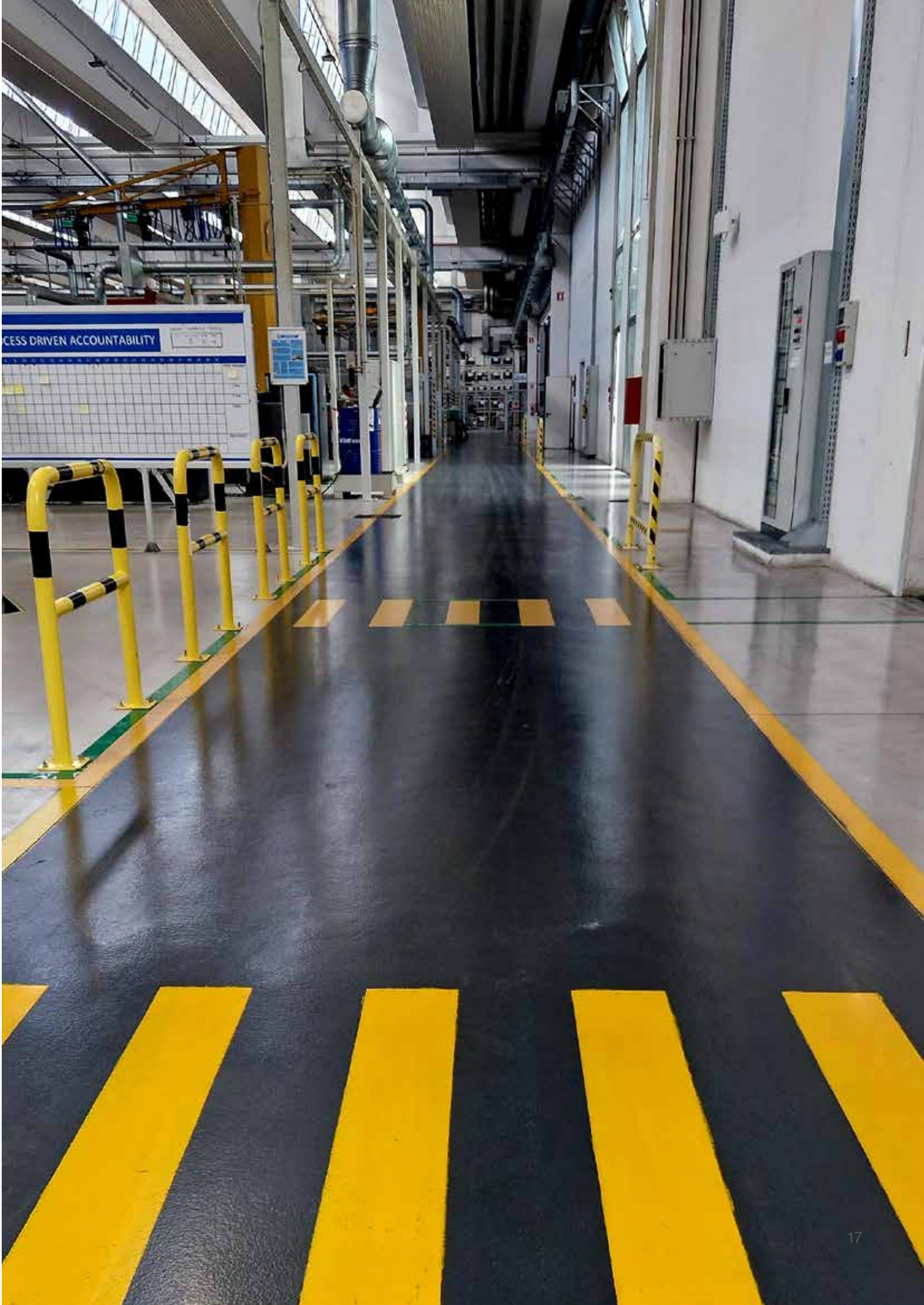
First coat
Application by roller of a first layer of glossy two-component coating made of water dispersed epoxy resins **DUROGLASS P**, with consumption of 0,15 Kg/sqm diluted at 20% with water.
- 2

Second coat
Application by roller of a second layer of glossy two-component coating made of water based epoxy resins **DUROGLASS P**, with consumption of 0,15 Kg/sqm diluted at 10% with water.

COLOURS

The system is available in RAL dyes. Glossy finish.

Download
the complete
system data
sheet



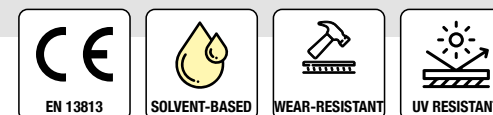
MPM FLOOR 03

Coloured solvent-based
polyurethane paint

MPM FLOOR 03 – system board

Solvent-based polyurethane paint – coloured

**COLOURED SOLVENT-BASED POLYURETHANE SYSTEM
FOR CIVIL AND INDUSTRIAL FLOORING.**



APPLICATION FIELDS

Consolidating, anti-dust and wear-resistant matt coloured treatment for concrete floors of:

- warehouses
- industrial plants
- technical rooms
- parking spaces
- laboratories
- showroom

and in general on surfaces subject to medium-high pedestrian and wheeled traffic.

BENEFITS

- ✓ **Non-slip matte finish**
- ✓ Excellent **adhesion** to concrete substrates
- ✓ Excellent **resistance to water, oils and fuels.**
- ✓ High **mechanical properties.**
- ✓ High hardness and **abrasion resistance.**
- ✓ **No yellowing and UV resistance**



- P Substrate preparation
- 0 Primer for dump substrate **DUROGLASS FU**
- 1 Solvent-based primer **DUROGLASS FF4416**
- 2 Coloured solvent-based polyurethane **POLISTAR P867**
- 3 Coloured solvent-based polyurethane **POLISTAR P867**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS FF4416		0,20	Minimum 24 hours
2	Finish	POLISTAR P867		0,15	16 hours
3	Finish	POLISTAR P867		0,15	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation

Mechanical preparation by sanding or honing and subsequent elimination of the resulting dust. Followed by possible washing with a scrubber dryer.
- 0

Wet substrate

In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line befhours the indicated system.
- 1

First coat

Application by roller of special two-component solvent-based epoxy resin primer **DUROGLASS FF 4416** with an approximative consumption of 0.20 Kg/sqm.
- 2

Second coat

Application by roller of one layer of two-component matt pigmented aliphatic polyurethane resin-based finish **POLISTAR P867**, with consumption of 0.15 Kg/sqm.
- 3

Third coat

Application by roller of a second layer of two-component matt pigmented aliphatic polyurethane resin-based finish **POLISTAR P867**, with consumption of 0.15 kg/sqm.

COLOURS

The system is available in RAL dyes. Matte Finish

Download
the complete
system data
sheet



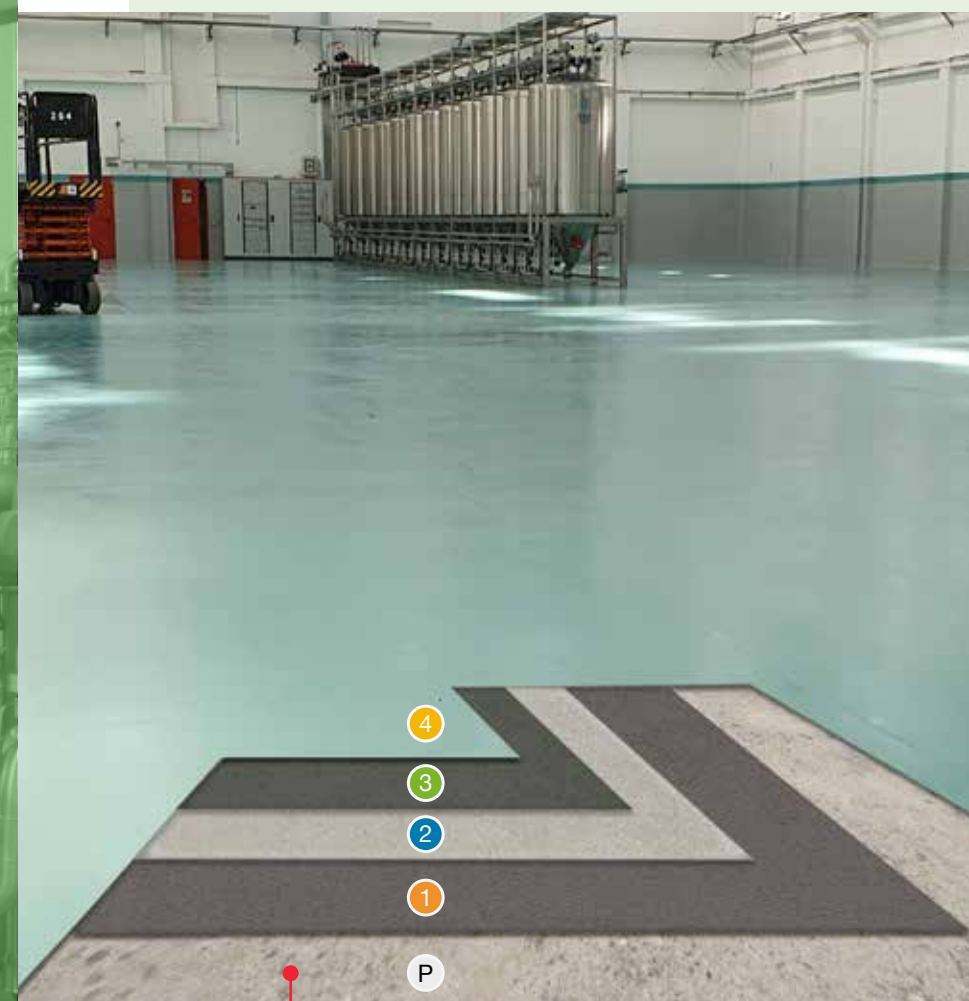
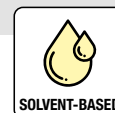
MPM FLOOR 04

Acid resistant epoxy coating

MPM FLOOR 04 – system board

Acid resistant epoxy coating

ACID RESISTANT EPOXY SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING.



APPLICATION FIELDS

Acid resistant, waterproof and wear-resistant treatment for concrete floors of:

- chemical industries
- pharmaceutical industries
- food environments
- industrial systems
- technical rooms
- laboratories
- warehouses

and in general on surfaces subject to chemical aggression.

BENEFITS

- ✓ Thick glossy coating
- ✓ Compatible with slightly **wet** concrete substrates
- ✓ Excellent resistance to solvents and aggressive chemicals
- ✓ High **mechanical properties**
- ✓ High hardness and **abrasion resistance.**
- ✓ Easy to wash and sanitise

P

Substrate preparation

1

Primer for damp substrate
DUROGLASS FU BIANCO TIX

2

Wet substrate primer **DUROGLASS FU WHITE TIX**

3

Acid resistant epoxy finish **DUROGLASS P6/1**

4

Acid resistant epoxy finish **DUROGLASS P6/1**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer FU	DUROGLASS FU BIANCO TIX + QUARTZ		0,70	24 to 48 hours
2	Primer FU	DUROGLASS FU BIANCO TIX		0,50	24 to 48 hours
3	Finish	DUROGLASS P6/1		0,30	15 to 24 hours
4	Finish	DUROGLASS P6/1		0,30	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

P

Substrate preparation

Mechanical preparation by sanding or shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.

1

First coat

Surface shaving by means of a special three-component primer **DUROGLASS FU WHITE TIX**, specific for the treatment of damp and counter-thrusting surfaces, which must be loaded at a ratio of 1:0.5 with quartz 0.1-0.3 mm. and diluted at 10% with water with an approximate consumption of 0.7 Kg/sqm.

2

Second coat

Application by roller or airless spray of second coat of special three-component primer **DUROGLASS FU WHITE TIX**, specific for the treatment of damp and counter-thrusting surfaces, with consumption of 0.5 Kg/sqm, diluted 10-15% with water. After 48 hours and in case of counter-thrust surfaces it is necessary to check the hygrometric conditions; in case they are not suitable, it is necessary to consider the application of another coat.

3

Third coat

Application by roller of first coat of two-component coating with high chemical resistance epoxy varnish **DUROGLASS P6/1** with consumption of 0,30 Kg/sqm.

4

Fourth coat

Application by roller of second coat of two-component coating with high chemical resistance epoxy varnish **DUROGLASS P6/1** with consumption of 0,30 Kg/sqm.

COLOURS

The system is available in RAL dyes. Matte Finish

Download
the complete
system data
sheet



MPM FLOOR 05

Multilayer water-based epoxy coating

MPM FLOOR 05 – system board

Multilayer water-based epoxy coating

BREATHABLE MULTILAYER EPOXY SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING.



APPLICATION FIELDS

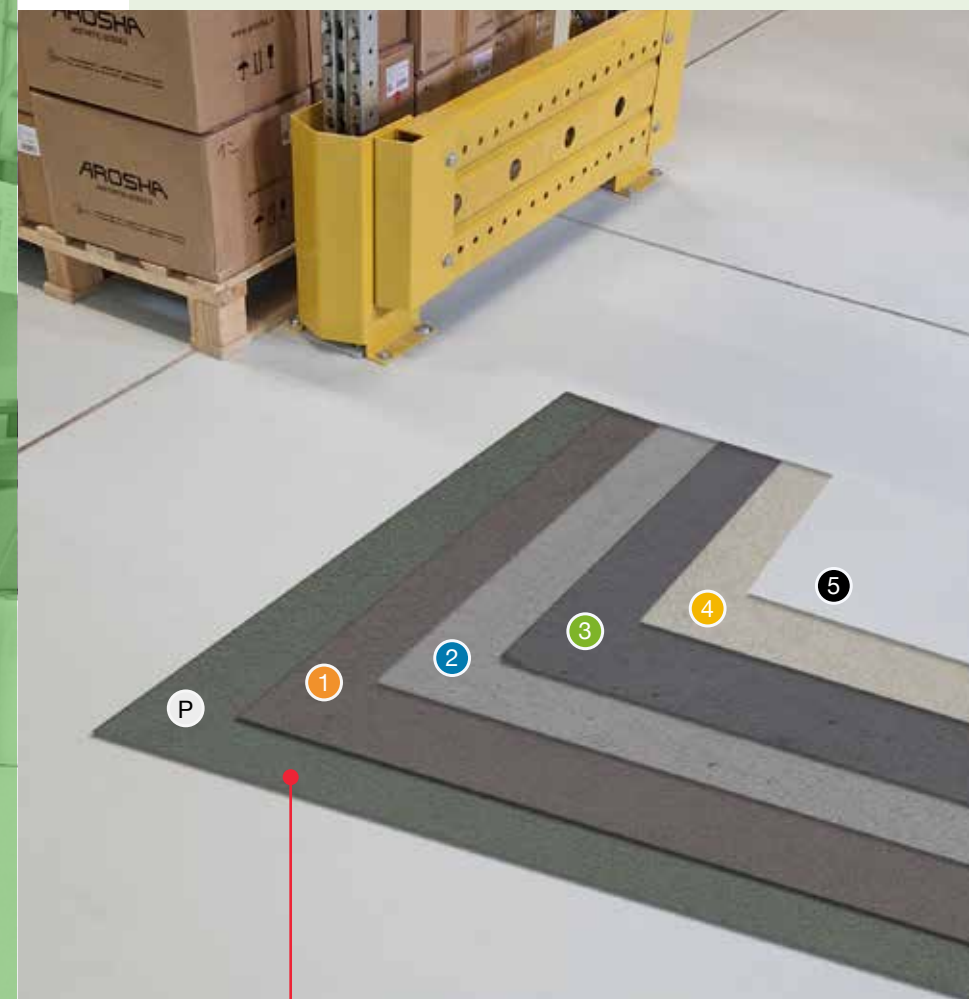
Breathable, waterproof and wear-resistant treatment for concrete floors of:

- industrial plants
- food environments
- technical rooms
- warehouses
- parking spaces
- laboratories
- showroom

and in general on surfaces subject to rising damp.

BENEFITS

- ✓ **Eco-friendly and odourless**
- ✓ Breathable and compatible with **wet** concrete substrates
- ✓ Good **resistance to oils and aggressive chemicals**
- ✓ High **mechanical properties**
- ✓ High hardness and **abrasion resistance**
- ✓ **Bfl-S1 fire-certified**



- P Concrete installation surface
- 1 Primer all'acqua **STARCEMENT 5/A**
- 2 **DUROGLASS PW**
coloured waterbourne epoxy coating
- 3 **DUROGLASS PW**
coloured waterbourne epoxy
- 4 Waterbourne epoxy finish
DUROGLASS PW TOP
- 5 Waterbourne epoxy finish
DUROGLASS PW TOP

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	STARCEMENT 5/A		0,10	Minimun 60 minutes
2	Coating	DUROGLASS PW + QUARTZ		1,00	6 hours
3	Coating	DUROGLASS PW		0,60	6 hours
4	Finish	DUROGLASS PW TOP		0,13	6 hours
5	Finish	DUROGLASS PW TOP		0,13	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation
Mechanical preparation by sanding and subsequent elimination of the resulting dust. Followed by possible washing with a scrubber dryer.
- 1

First coat
Application by roller of special two-component water-based epoxy resin-based primer **STARCEMENT 5/A** with approximate consumption of 0.100 kg/sqm diluted 1:1 with water.
- 2

Second coat
Application by spatula of **DUROGLASS PW** two-component, self-levelling, water-base, breathable coating, with consumption of 1 kg/sqm loaded at 10% with 0.1-0.5 mm quartz, followed by powdering to saturation on fresh with 0.1- 0.5 mm quartz. Application by roller of special two-component water-based epoxy resin-based primer **STARCEMENT 5/A** with approximate consumption of 0.100 kg/sqm diluted 1:1 with water.
- 3

Third coat
Removal of excess quartz by brushing and vacuuming, followed by shaving with two-component, breathable, water-based **DUROGLASS PW** coating, as is with consumption of 0.6 kg/sqm.
- 4

Fourth coat
Application by roller of a first layer of water-based two-component epoxy resin-based breathable satin finish **DUROGLASS PW TOP**, with consumption of 0,13 Kg/sqm.
- 5

Fifth Coat
Application by roller of a second layer of water-based two-component epoxy resin-based breathable satin finish **DUROGLASS PW TOP**, with consumption of 0,13 Kg/sqm.

COLOURS

The system is available in RAL dyes. Glazed Finish

Download
the complete
system data
sheet



MPM FLOOR 06

Multilayer epoxy coating

MPM FLOOR 06 – system board

Multilayer epoxy coating

MULTILAYER EPOXY NON-SLIP SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING.



APPLICATION FIELDS

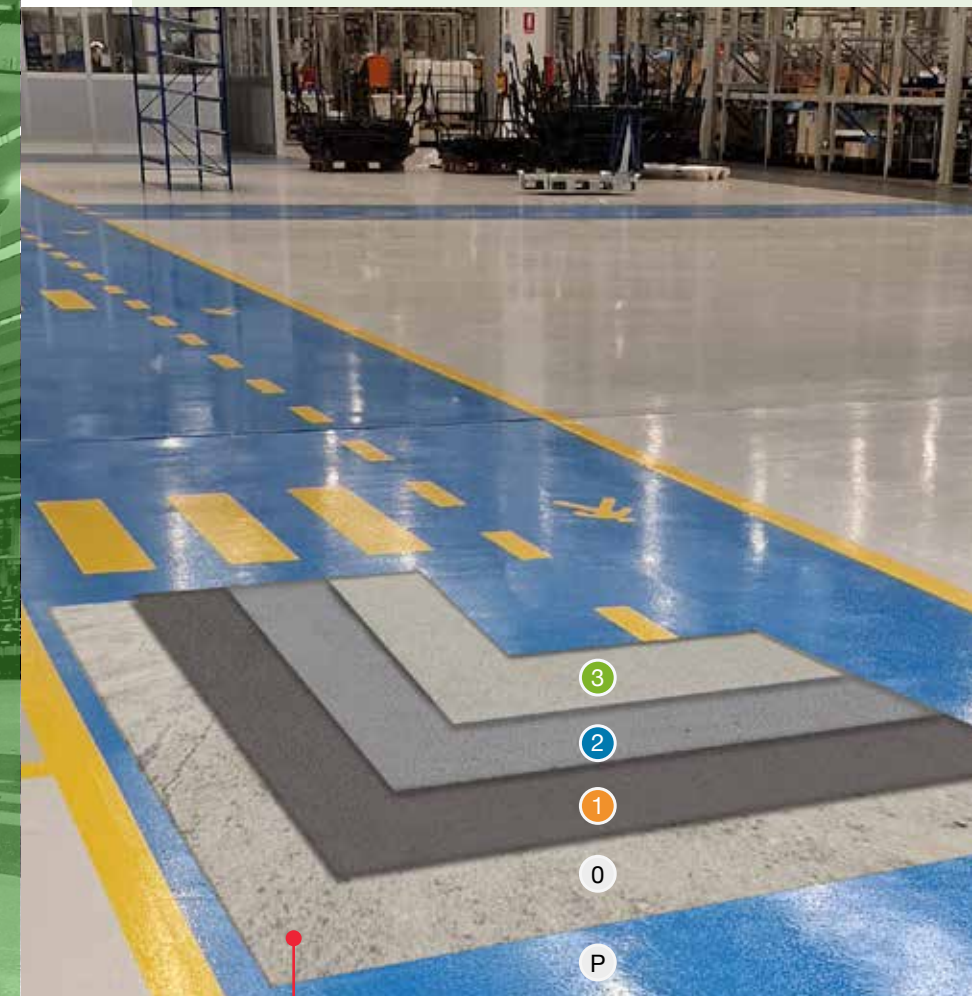
Non-slip, waterproof and wear-resistant treatment for concrete floors of:

- warehouses
- industrial plants
- food environments
- technical rooms
- parking spaces and workshops
- laboratories
- showroom

and in general on surfaces subject to medium-high pedestrian and wheeled traffic.

BENEFITS

- ✓ **Non-slip glossy finish**
- ✓ **Good resistance to oils and aggressive chemicals.**
- ✓ **High mechanical properties.**
- ✓ **High hardness and abrasion resistance.**
- ✓ **Easy to wash and sanitise**
- ✓ **Available in Bfl-S1 fire certified version**



- P Concrete installation surface
- 0 Primer for dump substrate **DUROGLASS FU**
- 1 Solvent-free epoxy primer **DUROGLASS P1/2**
- 2 Coloured self-levelling coating **DUROGLASS P5/5**
- 3 Coloured self-levelling coating **DUROGLASS P5/5**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P1/2 + QUARTZ		0,60	8 hours
2	Finish	DUROGLASS P5/5 + QUARTZ		0,60	10 hours
3	Finish	DUROGLASS P5/5 + QUARTZ		0,40	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation

Mechanical preparation by sanding or shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.
- 0

Wet substrate

In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line before the indicated system.
- 1

First coat

Surface shaving using solvent-free two-component epoxy resin **DUROGLASS P1/2**, with consumption of 0.6 kg/sqm, filled with 0.1-0.5 mm quartz and subsequent dusting to saturation on fresh with 0.3-0.9 mm quartz.
- 2

Second coat

Removal of excess quartz through brushing and vacuuming, followed by shaving of surfaces using **DUROGLASS P5/5** two-component self-levelling epoxy resin-based coating, with consumption of 0.6 kg/sqm, loaded with 30% of 0.1-0.5 mm quartz.
- 3

Third coat

Surface shaving with self-levelling two-component epoxy resin-based coating **DUROGLASS P5/5**, with consumption of 0.4 Kg/sqm loaded at 20% with quartz 0.1-0.3 mm. If necessary, recoat with a sponge or medium-hair honeycomb roller.

COLOURS

The system is available in RAL dyes. Glossy Finish

Download
the complete
system data
sheet



MPM FLOOR 07

Self-levelling epoxy coating

MPM FLOOR 07 – system board

Self-levelling epoxy coating

SELF-LEVELLING EPOXY SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING.



APPLICATION FIELDS

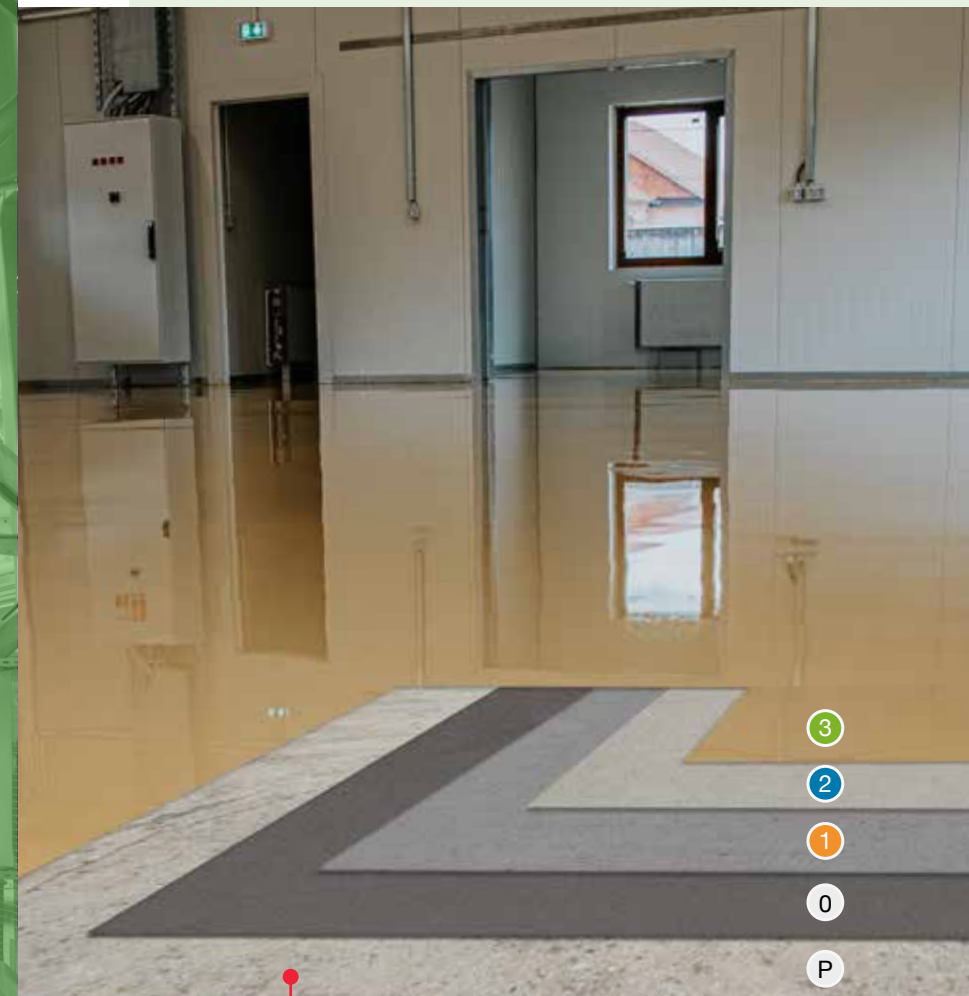
Self-levelling, waterproof and wear-resistant treatment for concrete floors of:

- industrial plants
- food environments
- technical rooms
- warehouses
- clean rooms
- laboratories
- showroom

and in general on surfaces subject to medium-high pedestrian and wheeled traffic.

BENEFITS

- ✓ Smooth glossy finish
- ✓ Good resistance to oils and aggressive chemicals.
- ✓ High mechanical properties.
- ✓ High hardness and abrasion resistance.
- ✓ Easy to wash and sanitise
- ✓ Available in Bfl-S1 fire certified version



- P Substrate preparation
- 0 Primer for dump substrate **DUROGLASS FU**
- 1 Solvent-free epoxy primer **DUROGLASS P1/2**
- 2 Epoxy self-levelling **DUROGLASS P5/5**
- 3 Epoxy coloured finish **DUROGLASS P5/4**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P1/2 + QUARTZ		0,50	8 hours
2	Finish	DUROGLASS P5/5 + QUARTZ		1,50	10 hours
3	Finish	DUROGLASS P5/4		0,25	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation
Mechanical preparation by sanding or shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.
- 0

Wet substrate
In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line before the indicated system.
- 1

First coat
Application by shaving the surfaces with solvent-free two-component epoxy resin **DUROGLASS P1/2**, loaded at 40% with 0.1-0.3 mm quartz, with consumption of 0.5 Kg/sqm and dusting on fresh with 0.1-0.5 mm quartz.
- 2

Second coat
Application by spatula of solvent-free two-component epoxy self-levelling agent with high chemical resistance **DUROGLASS P5/5** with approximate consumption of 1.5 kg/sqm loaded 1:0.5 with quartz. Thoroughly recoat with a bubble break roller.
- 3

Third coat
Application by roller of coloured solvent-free two-component epoxy finish **DUROGLASS P5/4** with an approximate consumption of 0.25 kg/sqm.

COLOURS

The system is available in RAL dyes. Glossy Finish

Download
the complete
system data
sheet



MPM FLOOR 08

Self-levelling conductive epoxy coating

MPM FLOOR 08 – system board

Self-levelling conductive epoxy coating

CONDUCTIVE SELF-LEVELLING EPOXY SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING.



APPLICATION FIELDS

Self-levelling, antistatic conductive and wear-resistant treatment for concrete floors of:

- electronics companies
- hospitals
- chemical industries
- technical rooms
- Atex environments
- clean rooms
- laboratories

and in general on surfaces subject to medium pedestrian and wheeled traffic, and wherever an antistatic conductive coating is required to control ESD phenomena.

BENEFITS

- ✓ Smooth glossy finish
- ✓ Good resistance to oils and aggressive chemicals.
- ✓ High mechanical properties
- ✓ High hardness and abrasion resistance
- ✓ Easy to wash and sanitise
- ✓ Available in ESD certified version



- P Substrate preparation
- 0 Primer for dump substrate **DUROGLASS FU**
- 1 Conductive epoxy primer **DUROGLASS AS**
- 2 Conductive grid made of copper tape
- 3 Epoxy coating **DUROGLASS P5/5 CONDUTTIVO**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS AS		0,2	16 hours
2	2x2m Mesh	Copper strips			16 hours
3	Coating	DUROGLASS P5/5		2,0	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation
Mechanical preparation by sanding or shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.
- 0

Wet substrate
In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line before the indicated system.
- 1

First coat
Application by brush or roller of electro-conductive primer **DUROGLASS AS** made of water dispersed epoxy resins
- 2

Second coat
Formation of a grid of copper strips with a mesh size of about 2x2m and coating with **DUROGLASS AS**.
- 3

Third coat
Application by spatula of self-levelling two-component anti-static conductive epoxy **DUROGLASS P5/5** loaded 1:1 in weight with 0.1-0.3 mm quartz with approximate consumption of 2.0 Kg/sqm of pure product. Thoroughly and repeatedly recoat with a bubble break roller.

The quartz consumption may slightly vary depending on the environmental conditions and the desired thickness. It is recommended not to exceed 1.5-2.0 mm in thickness.

COLOURS

The system is available in RAL dyes. Glossy Finish

Download the complete system data sheet



MPM FLOOR 09

Self-levelling polyurethane coating

MPM FLOOR 09 – system board

Self-levelling polyurethane coating

SELF-LEVELLING ALIPHATIC POLYURETHANE SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING.



APPLICATION FIELDS

Self-levelling, aliphatic and wear-resistant treatment for concrete floors of:

- warehouses
- industrial plants
- food environments
- technical rooms
- parking spaces
- laboratories
- showroom

and in general on surfaces subject to medium-high pedestrian and wheeled traffic.

BENEFITS

- ✓ Good elasticity
- ✓ Excellent aesthetic colour retention outdoors
- ✓ Good resistance to oils and fuels.
- ✓ High mechanical properties.
- ✓ High hardness and abrasion resistance.
- ✓ Easy to wash and sanitise



- P Concrete installation surface
- 0 Possible wet bottom **DUROGLASS FU**
- 1 Solvent-free epoxy primer **DUROGLASS P1/2**
- 2 Coloured polyurethane coating **ELASTOSTAR P**
- 3 Coloured polyurethane finish **POLISTAR P867 W**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P1/2		0,60	8 hours
2	Autolivellante	ELASTOSTAR P		2,50	10 hours
3	Finish	POLISTAR P 867 W		0,15	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation
Mechanical preparation by sanding or shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.
- 0

Wet substrate
In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line before the indicated system.
- 1

First coat
Spatula shaving with solvent-free two-component epoxy resin **DUROGLASS P1/2** with consumption of 0.5 kg/sqm, followed by seeding on fresh with quartz grains of 0.1 - 0.5 mm.
- 2

Second coat
Application with a notched spatula of elastic self-levelling agent polyurethane resin-based **ELASTOSTAR P** with an approximate consumption of 2.5 kg/sqm. Thoroughly recoat with bubble break roller
- 3

Third coat
Application by roller of a layer of two-component aliphatic glazed or matt anti-wear two-component polyurethane finish in aqueous base, **POLISTAR P 867W** anti-dust with an indicative consumption of 0.15 Kg/sqm.

COLOURS

The system is available in RAL dyes. GLAZED or MATTE finish

Download
the complete
system data
sheet



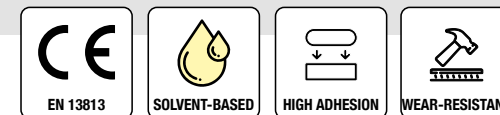
MPM FLOOR 10

Epoxy screed coating

MPM FLOOR 10 – system board

Epoxy screed coating

NON-SLIP EPOXY SCREED SYSTEM FOR CIVIL AND INDUSTRIAL FLOORS.



APPLICATION FIELDS

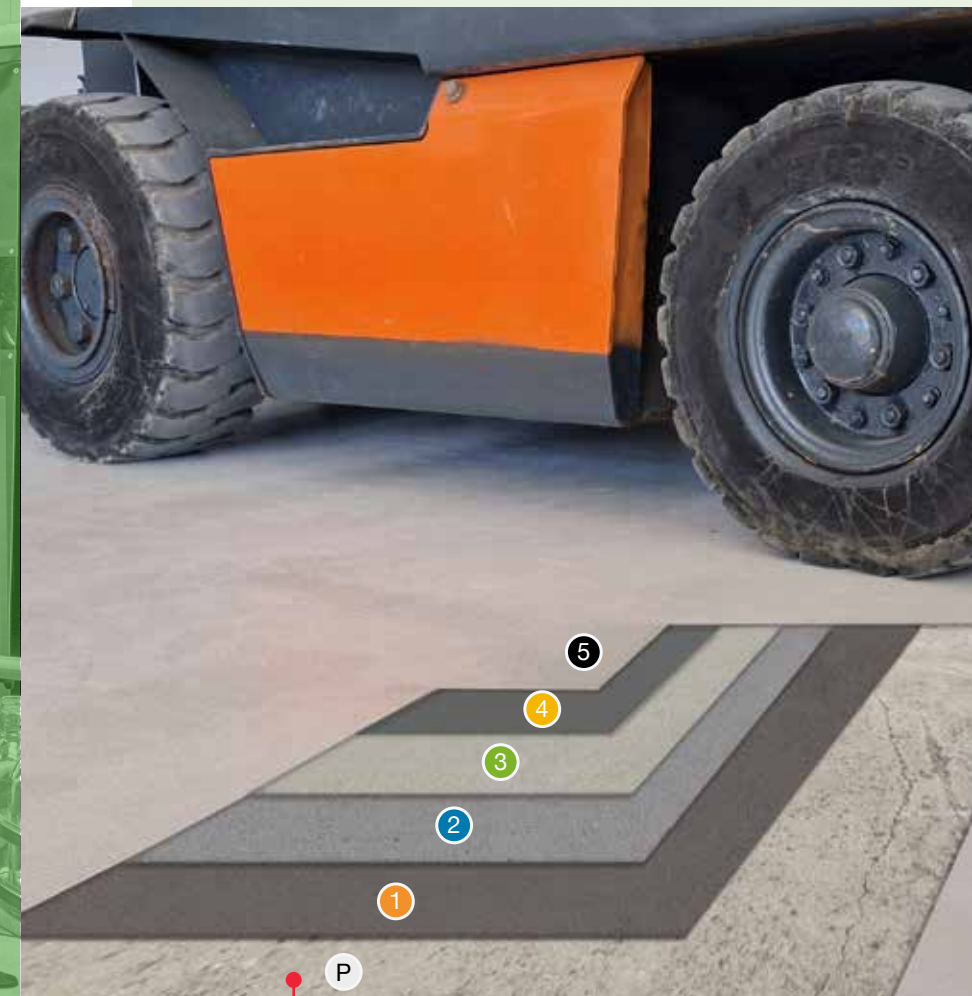
High-thickness, waterproof and wear-resistant treatment for concrete floors of:

- industrial plants
- food environments
- technical rooms
- warehouses
- parking spaces and workshops
- laboratories
- showroom

and in general on surfaces where it is necessary to recover missing volumes and slopes.

BENEFITS

- ✓ **Non-slip glossy finish**
- ✓ **Good resistance to oils and aggressive chemicals.**
- ✓ **High mechanical properties.**
- ✓ **High hardness and abrasion resistance.**
- ✓ **Easy to wash and sanitise**
- ✓ **Quick commissioning**



- P Substrate preparation
- 1 Solvent-free epoxy primer **DUROGLASS P1/2**
- 2 Epoxy screed **DUROGLASS P1/2**
- 3 Epoxy skim coat **DUROGLASS P1/2**
- 4 Epoxy skim coat **DUROGLASS P5/5**
- 5 Epoxy coloured finish **DUROGLASS P5/4**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P1/2		0,50	8 hours
2	Screed	DUROGLASS P1/2 + QUARTZ		1,50	8 hours
3	Shaving	DUROGLASS P1/2 + QUARTZ		0,50	8 hours
4	Shaving	DUROGLASS P5/5 + QUARTZ		0,40	10 hours
5	Finish	DUROGLASS P5/4		0,20	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

P

Substrate preparation
Mechanical preparation by milling or shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.

1

First coat
Application by roller of a layer of two-component epoxy resin binder **DUROGLASS P1/2** with approximate consumption of 0.500 kg/sqm.

2

Second coat
Spreading, on the previous layer still sticky, of mortar made on site, with two-component epoxy resin-based binder **DUROGLASS P1/2** and quartz mix 0.1-1.5 mm. in a ratio of 1:10. Mixing will be carried out using a specific mixing machine. The mix, which shall have the consistency of 'wet sand', will be distributed with a spatula and levelled out with an aluminium straight edge, using metal templates for thickness. When hardening, the mix must be compacted with a mechanical trowel (helicopter). Approximate consumption will be 1.5 kg/sqm of **DUROGLASS P1/2** and 15 kg of quartz mix.

3

Third coat
Application by spatula of two-component epoxy resin-based binder **DUROGLASS P1/2** with approximate consumption of 0.5 Kg/sqm loaded with 30% of weight with quartz 0.1-0.5.

4

Fourth coat
Surface shaving with self-levelling two-component epoxy resin-based coating **DUROGLASS P5/5**, with consumption of 0.4 kg/sqm loaded at 30% with 0.1-0.3 mm quartz.

5

Fifth Coat
Application by roller of one layer of high-solids two-component epoxy resin-based coating **DUROGLASS P5/4**, with consumption of 0.2 kg/sqm.

COLOURS

The system is available in RAL dyes. GLAZED or MATTE finish

Download
the complete
system data
sheet



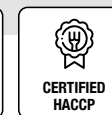
MPM FLOOR 11

Smooth self-levelling polyurethane
concrete 3-6mm

MPM FLOOR 11 – system board

Smooth self-levelling polyurethane concrete 3-6mm

SMOOTH SELF-LEVELLING POLYURETHANE CONCRETE SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING



APPLICATION FIELDS

**Self-levelling, Acid resistant
and wear-resistant** treatment for
concrete floors of:

- chemical industries
- pharmaceutical industries
- dairy industries
- wine industries
- food environments
- technical rooms
- laboratories

and in general on surfaces subject to
significant chemical and mechanical
stresses.

BENEFITS

- ✓ **Smooth finish easily washable**
- ✓ **Excellent resistance to aggressive
chemicals.**
- ✓ **Excellent mechanical properties.**
- ✓ **Excellent resistance to thermal
shocks**
- ✓ **High hardness and abrasion
resistance.**
- ✓ **HACCP certificate for
food environments**



- P Substrate preparation
- 0 Primer for dump substrate **DUROGLASS FU**
- 1 Solvent-free epoxy primer **DUROGLASS P1/2**
- 2 Coloured polyurethane-cement coating
DUROGLASS CRETE MT

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P1/2 + QUARTZ		0,50	6 hours
2	Coating	DUROGLASS CRETE MT		10	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation
Mechanical preparation by shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.
- P

Wet bottom
In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line before the indicated system.
- 1

First coat
Application by shaving the surfaces of two-component solvent-free **DUROGLASS P1/2** epoxy resin, 30% loaded with 0.3-0.9 mm quartz, with consumption of 0.5 Kg/sqm and fresh dusting with 0.1-0.5 mm quartz.
- 2

Second coat
Application of **DUROGLASS CRETE MT** two-component polyurethane concrete-based self-levelling compound with high chemical resistance and a consumption of 10.0 kg/sqm using a notched trowel. Thoroughly and repeatedly recoat with a bubble break roller.

* Approximate consumption of polyurethane concrete DUROGLASS CRETE 2,0 kg/sqm per mm of thickness.

COLOURS

The system is available in RAL dyes. Matte Finish

Download
the complete
system data
sheet



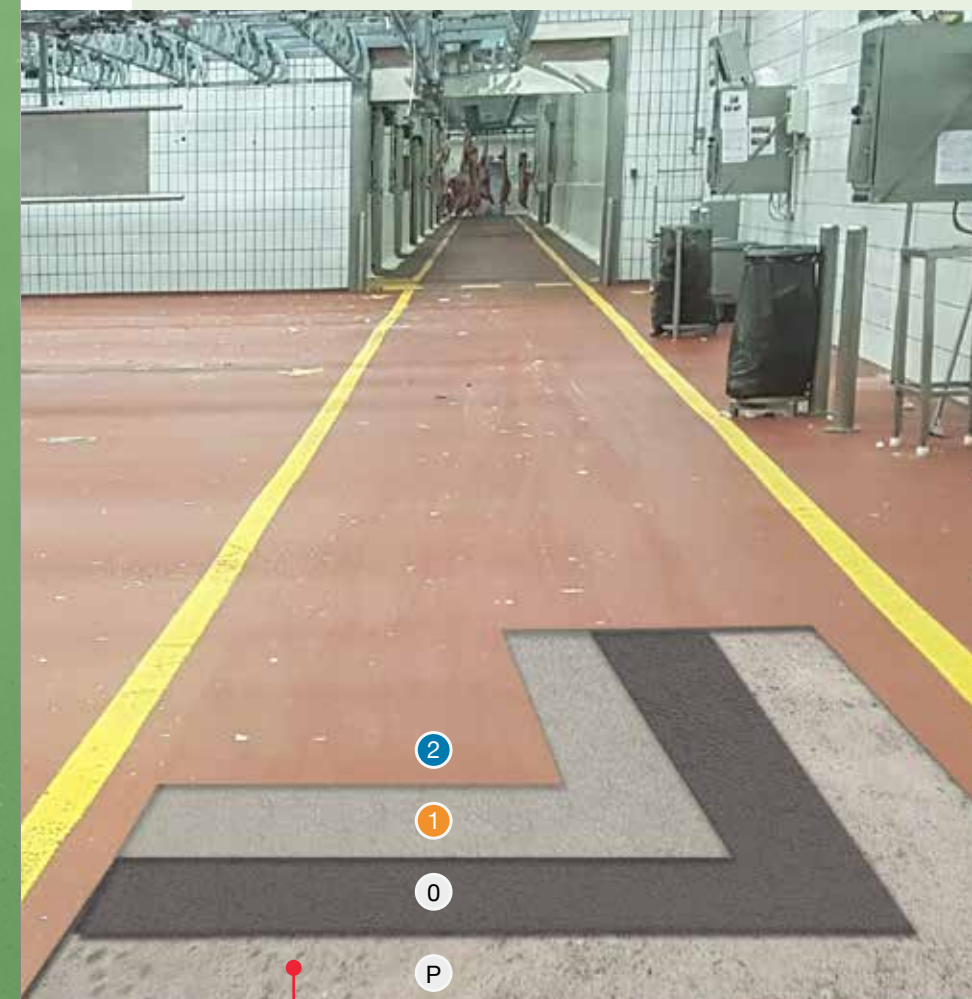
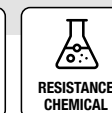
MPM FLOOR 12

Self-levelling polyurethane
cement 6-9 mm

MPM FLOOR 12 – system board

Self-levelling polyurethane cement 6-9 mm

**NON-SLIP SELF-LEVELLING POLYURETHANE CEMENT SYSTEM FOR
CIVIL AND INDUSTRIAL FLOORING.**



P

Concrete substrate preparation

0

Primer for dump substrate **DUROGLASS FU**

1

Solvent-free epoxy primer **DUROGLASS P1/2**

2

Coloured polyurethane concrete coating
DUROGLASS CRETE FM

APPLICATION FIELDS

Self levelling, acid-resistant
and wear-resistant treatment for
concrete floors of:

- chemical industries
- Pharmaceutical industries
- Dairy Industries
- Wine industries
- food environments
- technical rooms
- laboratories

and in general on surfaces subject to
significant chemical and mechanical
stresses.

BENEFITS

- ✓ Slightly rough finish non-slip
- ✓ Excellent **resistance to aggressive chemicals.**
- ✓ **Excellent mechanical properties.**
- ✓ Excellent resistance to **thermal shocks**
- ✓ High hardness and **abrasion resistance.**
- ✓ **HACCP certificate for food environments**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P1/2 + QUARTZ		0,5	6 hours
2	Coating	DUROGLASS CRETE FM		12,0	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

- P

Substrate preparation
Mechanical preparation by shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.
- 0

Wet bottom
In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line before the indicated system.
- 1

First coat
Application by shaving the surfaces of two-component solvent-free **DUROGLASS P1/2** epoxy resin, 30% loaded with 0.3-0.9 mm quartz, with consumption of 0.5 Kg/sqm and fresh dusting with 0.1-0.5 mm quartz.
- 2

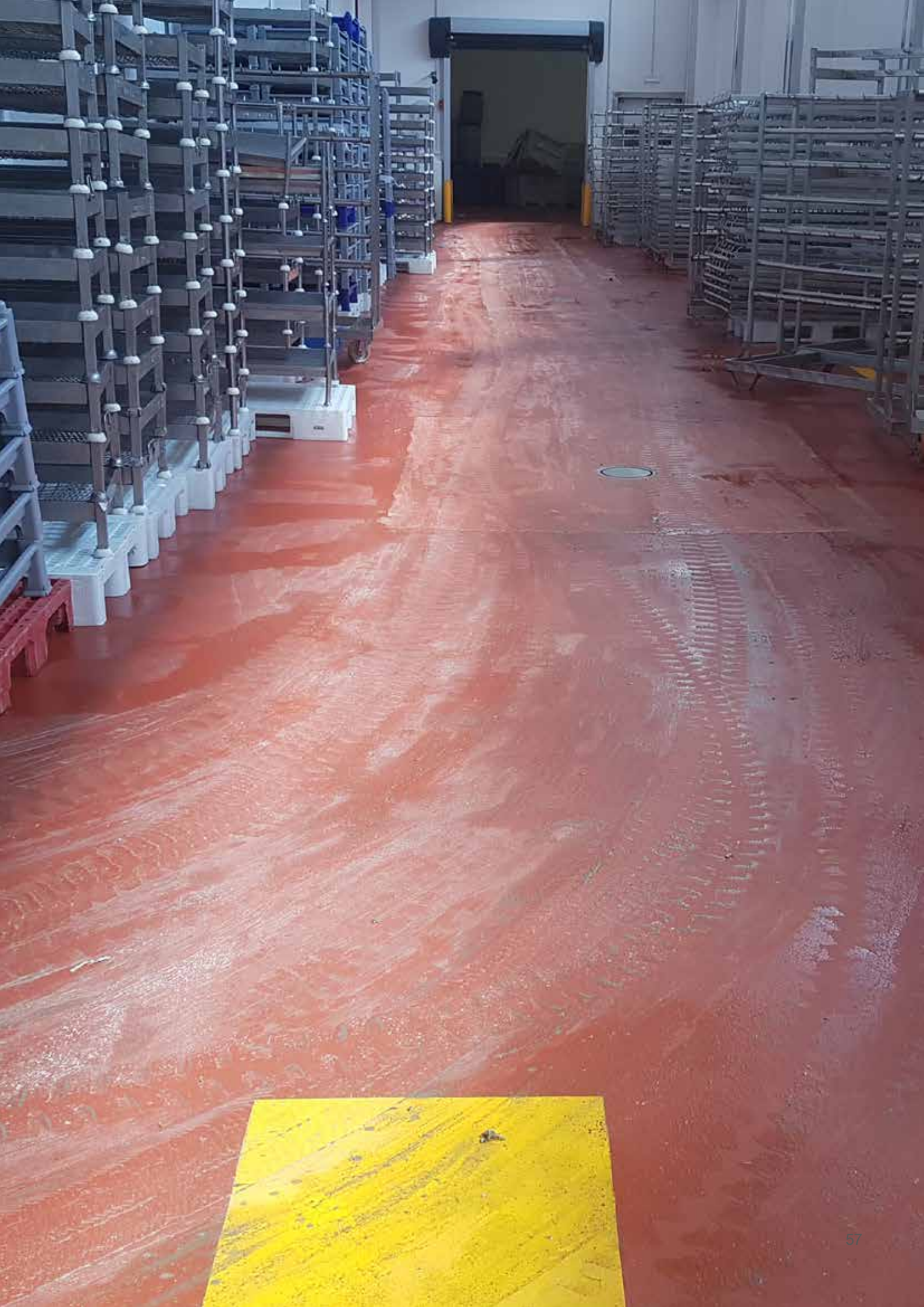
Second coat
Application of **DUROGLASS CRETE FM** two-component polyurethane concrete-based self-levelling compound with high chemical resistance and a consumption of 12.0 kg/sqm using a notched trowel. Thoroughly and repeatedly recoat with a bubble break roller.

* Approximate consumption of polyurethane concrete DUROGLASS CRETE 2,0 kg/sqm per mm of thickness.

COLOURS

The system is available in RAL dyes. Matte Finish

Download
the complete
system data
sheet



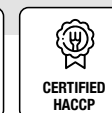
MPM FLOOR 13

Polyurethane cement screed 6-12 mm

MPM FLOOR 13 – system board

Polyurethane cement screed 6-12 mm

NON-SLIP POLYURETHANE CEMENT SCREED SYSTEM FOR CIVIL AND INDUSTRIAL FLOORING.



APPLICATION FIELDS

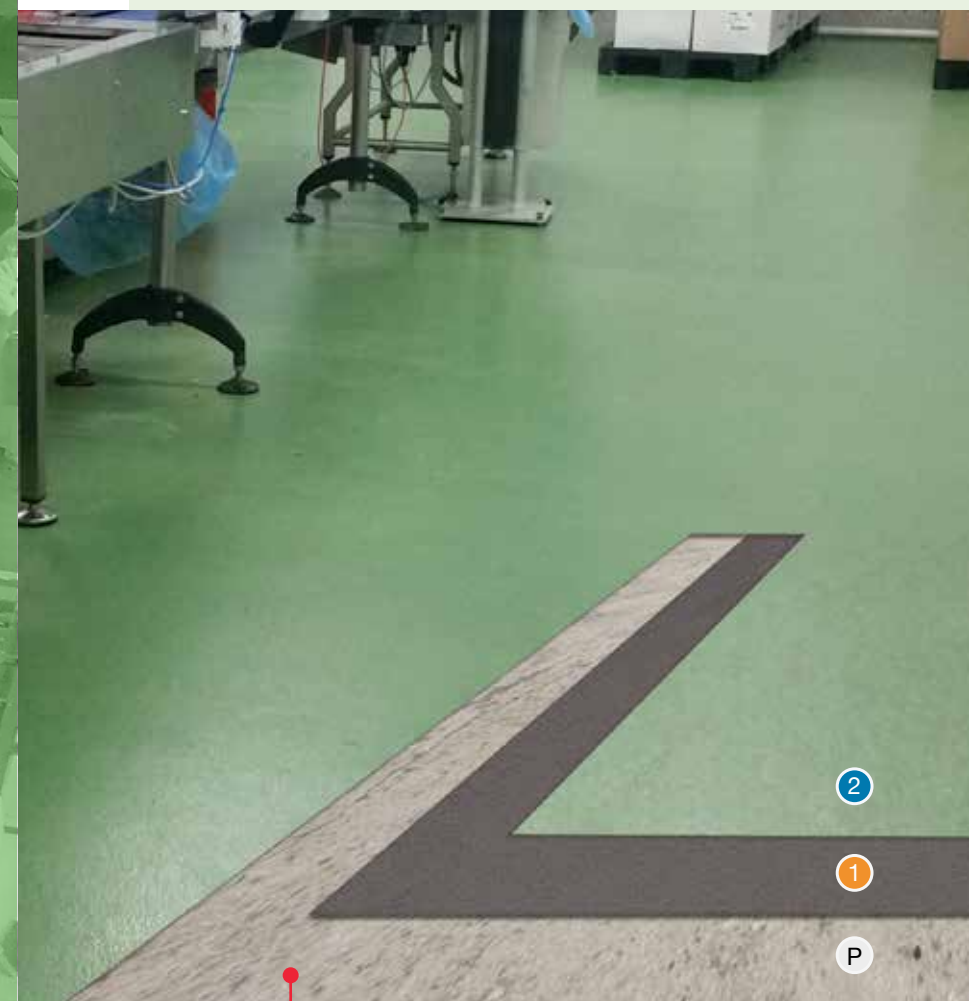
Non-slip, Acid resistant and wear-resistant treatment for concrete floors of:

- chemical industries
- Pharmaceutical industries
- Dairy Industries
- Wine industries
- food environments
- technical rooms
- laboratories

and in general on surfaces subject to significant chemical and mechanical stresses.

BENEFITS

- ✓ **Non-slip rough finish**
- ✓ **Excellent resistance to aggressive chemicals.**
- ✓ **Excellent mechanical properties.**
- ✓ **Excellent resistance to thermal shocks**
- ✓ **High hardness and abrasion resistance.**
- ✓ **HACCP certificate for food environments**



- P Concrete installation surface
- 1 Solvent-free epoxy primer **DUROGLASS P1/2**
- 2 Coloured polyurethane concrete coating **DUROGLASS CRETE HT**

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Primer	DUROGLASS P1/2 + QUARTZ		0,5	6 hours
2	Coating	DUROGLASS CRETE HT		18,0	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions.

SYSTEM DESCRIPTION

- P

Substrate preparation

Mechanical preparation by shot peening and subsequent elimination of the resulting dust. After preparation, the concrete substrate must be sound and compact, free of crumbling parts, and must demonstrate a tear strength greater than 1.5 MPa.
- 0

Wet bottom

In the event of rising damp or concrete castings that have not yet reached full maturity, it is necessary to apply specific primers from the **DUROGLASS FU** line before the indicated system.
- 1

First coat

Application by shaving the surfaces of two-component solvent-free **DUROGLASS P1/2** epoxy resin, 30% loaded with 0.3-0.9 mm quartz, with consumption of 0.5 Kg/sqm and fresh dusting with 0.1-0.5 mm quartz.
- 2

Second coat

Application of **DUROGLASS CRETE HT** two-component polyurethane concrete-based self-levelling compound with high chemical resistance and a consumption of 18.0 kg/sqm using a notched trowel. Thoroughly and repeatedly recoat with a bubble break roller.

* Approximate consumption of polyurethane concrete DUROGLASS CRETE 2,0 kg/sqm per mm of thickness.

COLOURS

The system is available in RAL dyes. Matte Finish

Download
the complete
system data
sheet



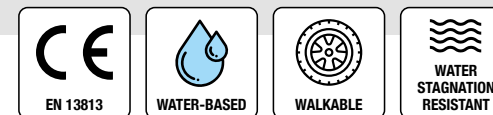
MPM FLOOR 14

Water-based acrylic coating

MPM FLOOR 14 – system board

Water-based acrylic coating

THICK FILM COLOURED ACRYLIC COATING FOR OUTDOOR FLOORING



APPLICATION FIELDS

Colourful, non-slip and wear-resistant treatment for concrete floors of:

- parking spaces
- airport taxiways
- manoeuvring areas
- cycle paths
- sports fields
- multi-purpose areas

and in general on external surfaces subject to medium pedestrian and wheeled traffic.

BENEFITS

- ✓ **Eco-friendly and odourless**
- ✓ Compatible with slightly **wet** asphalt and concrete substrates
- ✓ **Excellent resistance to sun and water stagnation**
- ✓ **Excellent resistance to oils and fuels.**
- ✓ **High mechanical properties.**
- ✓ **High hardness and abrasion resistance.**



- P Substrate preparation or asphalt
- 0 Possible **STARCEMENT 5/A** primer
- 1 **STARFLEX W** coating
- 2 **STARFLEX W** coating

APPLICATION SCHEME

Coat	Work phase	Product	Method of application	Consumption kg/sqm	Overlap 22°C - 50% RH
1	Coating	STARFLEX W		0.35	6 hours
2	Coating	STARFLEX W		0.35	It will be walkable in 1 day

Approximate consumption, to be verified by tests prior to application on site and subject to change due to varying application conditions

SYSTEM DESCRIPTION

P

Substrate preparation
STARFLEX W can be applied directly onto asphalt and concrete surfaces that are sound, compact, clean and as dry as possible, free of any pollutants that could compromise the following coating.
Mechanical preparation of the concrete by sanding and subsequent elimination of the resulting dust. Followed by possible washing with a scrubber dryer.
On particularly closed cement substrates, pre-treat with **STARCEMENT 5/A** primer

1

First coat
Application by roller, of a first coat of water-based, coloured, single-component, thick-film acrylic coating **STARFLEX W**, with an approximate consumption of 0.3 kg/sqm, diluted at 20% with water.

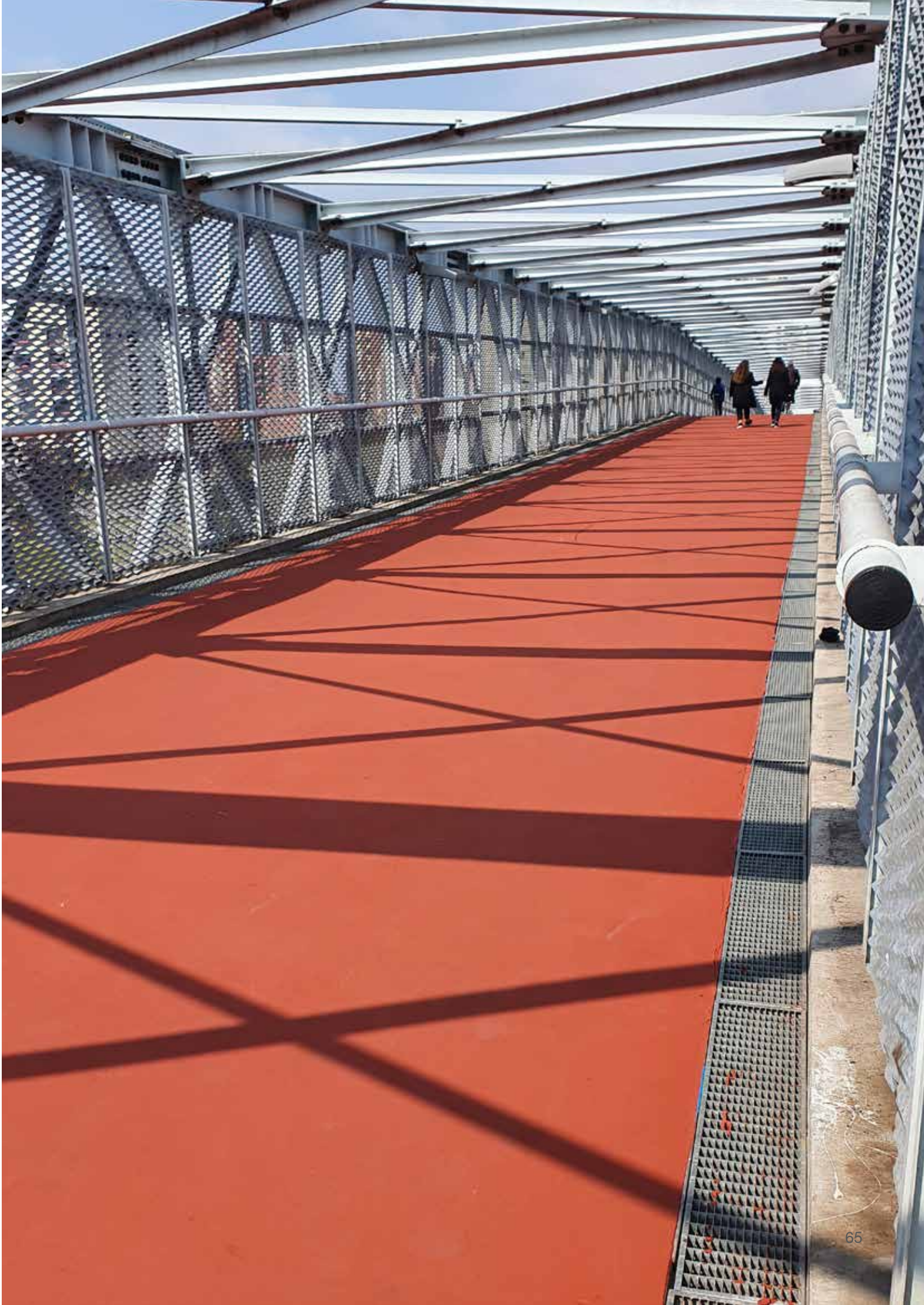
2

Second coat
Application by roller, of a second coat of water-based, coloured, single-component, thick-film acrylic coating **STARFLEX W**, with an approximate consumption of 0.3 kg/sqm, diluted at 10% with water.

COLOURS

The system is available in RAL dyes. MATTE finish

Download
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