

BAUTECH®

BAUPOX EPOXY RESINS

Solutions for industrial and decorative floors





INDUSTRIAL FLOORS

- Dry Shake Toppings
- Epoxy resins
- Concrete reinforcement fibers
- Concrete sealers & densifiers
- Joint sealants



DECORATIVE FLOORS & PLASTERS

- Polished concrete
- Microcement
- Microconcrete
- Terrazzo
- Stamped concrete



Industrial and decorative floors & plasters



BAUTECH is a Polish manufacturer **with 30 years of experience** in delivering comprehensive flooring and plastering solutions.

We have created **two perfectly tailored brands** to meet our clients' expectations: **BAUTECH INDUSTRY** specializing in the **industrial floors** and **BAUTECH FUTURA** offering **decorative floors**.

We produce and deliver modern flooring solutions and complete systems that meet the most demanding individual expectations, as well as products for their specialized maintenance. Our R&D department creates new and improves existing solutions to meet our clients' changing needs. Therefore, you can be sure that every product we create is meticulously refined in terms of innovation, utility, and quality.

We invite contractors, architects, investors, and everyone in the industry who is looking for excellent products, proven systems, and expert support in selecting optimal solutions and technical advice.

PRODUCTS & SYSTEMS

EPOXY PRIMERS

BAUPOX 100 GP
BAUPOX 100 STX
BAUPOX 100 ST



EPOXY 2ⁱⁿ1 PRIMER & FINISH

BAUPOX 100 K



COLOURED EPOXY

BAUPOX 200



CLEAR EPOXY

BAUPOX 400



QUARTZ SANDS

NATURAL
COLOURED





EPOXY RESINS **BAUPOX**

system solutions for industrial floors



PRODUCTION



PROJECTS



TRAININGS
TECHNICAL
SUPPORT

BAUPOX

Epoxy Resins

PRIMERS



Epoxy Primers – The Foundation for Durable Flooring

Epoxy primers are essential for creating a strong bond between concrete substrates and epoxy coatings, ensuring superior adhesion, durability, and longevity. Designed to penetrate and seal porous surfaces, our epoxy primers enhance the performance of topcoat systems, providing resistance to moisture, chemicals, and wear.

Key Features:

Superior Adhesion – Forms a strong bond with concrete, preventing peeling and delamination.

Enhanced Durability – Increases the lifespan of epoxy coatings by reinforcing the concrete slab.



Baupox 100 GP



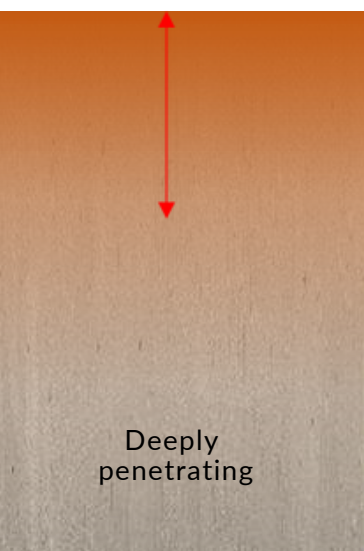
Baupox 100 ST



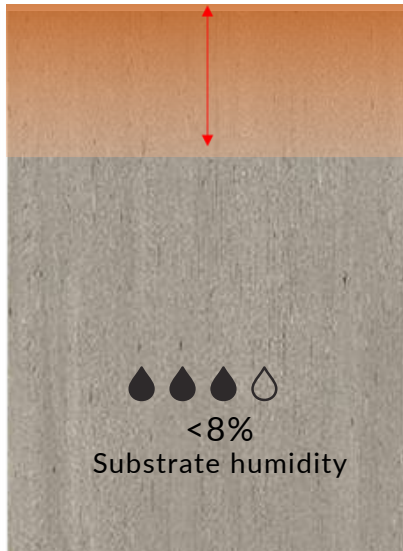
Baupox 100 STX



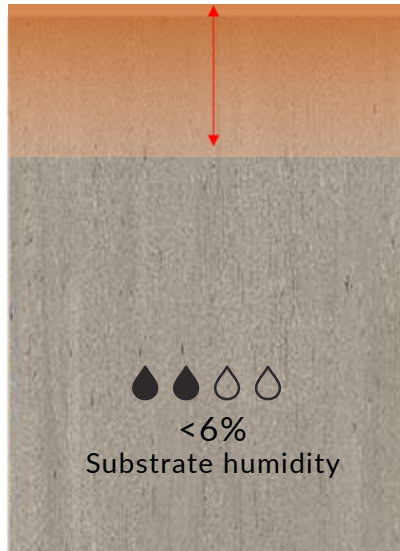
Baupox 100 K



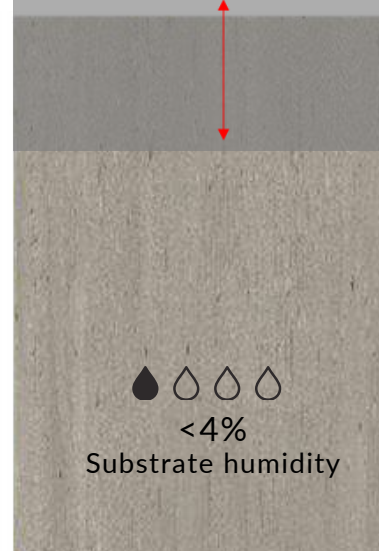
Deeply
penetrating



● ● ● ●
<8%
Substrate humidity



● ● ● ●
<6%
Substrate humidity



● ● ● ●
<4%
Substrate humidity



BAUPOX Epoxy Resins



PRIMERS

Baupox 100 GP - Deeply penetrating epoxy resin primer



Two component, solvent based

Uses:

- reinforcing and sealing concrete screads
- anti-dusting agent for industrial floors subjected to intensive use
- indoor use only

Coverage: 0.3-0.5 kg/m²
Density: approx. 1.0 g/cm³
 PN-EN -13813:2002

Item	[kg]	A	B
EGP-0000-10	10	8.85	1.15
EGP-0000-20	20	17.7	2.3

A : B	100	13
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Baupox 100 ST - Epoxy resin primer



Two component, solvent free

Uses:

- concrete screads priming
- concrete screads repair
- creating a bonding coat for decorative and industrial systems
- making levelling layers
- screed humidity <8%
- indoor use only

Coverage: 0.25-0.5 kg/m²
Density: approx. 1.1 g/cm³
 PN-EN -13813:2002

Item	[kg]	A	B
EST-0000-10	10	7.3	2.7
EST-0000-20	20	14.6	5.4

A : B	100	37
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Baupox 100 STX - Epoxy resin primer with extender



Two component, solvent free, with extender

Uses:

- concrete screads priming
- filling cavities, micro-cracks and cracks
- creating a bonding coat for industrial floors
- making levelling layers
- screed humidity <6%
- indoor use only

Coverage: 0.25-0.5 kg/m²
Density: approx. 1.4 g/cm³
 PN-EN -13813:2002

Item	[kg]	A	B
ESTX-0000-10	10	8.13	1.87
ESTX-0000-20	20	16.26	3.74

A : B	100	23
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BAUPOX Epoxy Resins

PRIMER & FINISH 2in1



Baupox 100 K - Epoxy primer & top coat 2in1



Two component, solvent free, pigmented, with extender

Uses:

- concrete screeds priming
- finishing of epoxy floorings
- car park systems (garages, parking lots)
- thin layer epoxy floorings
- indoor use only

Coverage: 0.25-0.5 kg/m²
Density: approx. 1.56 g/cm³
 PN-EN -13813:2002



Item	[kg]	A	B
E100K-7040-10	10	8.5	1.5
E100K-7040-20	20	17	3

A : B 100 17.64



COLOURED EPOXY

Baupox 200 - Pigmented epoxy resin

Two component, solvent free, pigmented

Uses:

- finishing of epoxy floorings
- self-levelling epoxy floorings
- thin layer system
- indoor use only

Coverage: 0.25-0.5 kg/m² per coat
Density: approx. 1.45 g/cm³
 PN-EN -13813:2002



Item	[kg]	A	B
E200-7040-10	10	8.18	1.82
E200-7040-25	25	20.46	4.54

A : B 100 22



CLEAR EPOXY

Baupox 400 - Epoxy resin with highest chemical resistance

Two component, solvent free, clear

Uses:

- finishing of epoxy floorings
- providing highest chemical resistance
- for indoor only

Coverage:
 • 0.50-0.55 kg/m²/first coat
 • 0.15-0.2 kg/m² /second coat
Density: approx. 1.1 g/cm³
 PN-EN -13813:2002



Item	[kg]	A	B
EGP-0000-10	10	6.88	3.12
EGP-0000-20	20	13.75	6.25

A : B 100 45



BAUPOX

Epoxy Resins

SAND BLENDS



BEIGE 01



GREY 02



YELLOW 03



GREEN 04



BLUE 05



RED 06



CQ 01/2



CQ 02/2



CQ 03/2



CQ 04/2



CQ 05/2



CQ 06/2



CQ 01/1



CQ 02/1



CQ 03/1



CQ 04/1

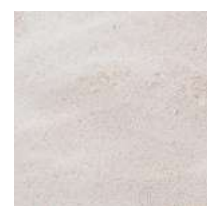
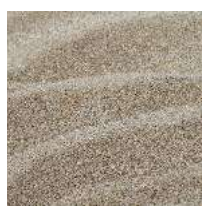


CQ 05/1



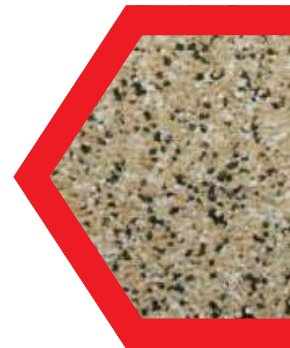
CQ 06/1

SAND NATURAL





Item	Description	grain	Bag
One colour quartz sands			
PCQ-0001-25	Quartz sand BEIGE	0.4-0.8	25 kg
PCQ-0002-25	Quartz sand GREY	0.4-0.8	25 kg
PCQ-0003-25	Quartz sand YELLOW	0.4-0.8	25 kg
PCQ-0004-25	Quartz sand GREEN	0.4-0.8	25 kg
PCQ-0005-25	Quartz sand BLUE	0.4-0.8	25 kg
PCQ-0006-25	Quartz sand RED	0.4-0.8	25 kg
PCQ-0007-25	Quartz sand WHITE	0.4-0.8	25 kg
Blends of coloured quartz sands			
PCQ-0101-25	Coloured quartz sand blend BEIGE CQ01/1	0.4-0.8	25 kg
PCQ-0102-25	Coloured quartz sand blend BEIGE CQ01/2	0.4-0.8	25 kg
PCQ-0201-25	Coloured quartz sand blend GREY CQ02/1	0.4-0.8	25 kg
PCQ-0202-25	Coloured quartz sand blend GREY CQ02/2	0.4-0.8	25 kg
PCQ-0301-25	Coloured quartz sand blend YELLOW CQ03/1	0.4-0.8	25 kg
PCQ-0302-25	Coloured quartz sand blend YELLOW CQ03/2	0.4-0.8	25 kg
PCQ-0401-25	Coloured quartz sand blend GREEN CQ04/1	0.4-0.8	25 kg
PCQ-0402-25	Coloured quartz sand blend GREEN CQ04/2	0.4-0.8	25 kg
PCQ-0501-25	Coloured quartz sand blend BLUE CQ05/1	0.4-0.8	25 kg
PCQ-0502-25	Coloured quartz sand blend BLUE CQ05/2	0.4-0.8	25 kg
PCQ-0601-25	Coloured quartz sand blend RED CQ06/1	0.4-0.8	25 kg
PCQ-0602-25	Coloured quartz sand blend RED CQ06/2	0.4-0.8	25 kg



SAND NATURAL

Item	Description	Grain	Bag
PKT-0105-25	Quartz natural sand	0.1-0.5	25 kg
PKT-0208-25	Quartz natural sand	0.2-0.8	25 kg
PKT-0408-25	Quartz natural sand	0.4-0.8	25 kg
PKT-0812-25	Quartz natural sand	0.8-1.2	25 kg
PKT-1016-25	Quartz natural sand	1.0-1.6	25 kg
PKT-1420-25	Quartz natural sand	1.4-2.0	25 kg



6

WE OFFER

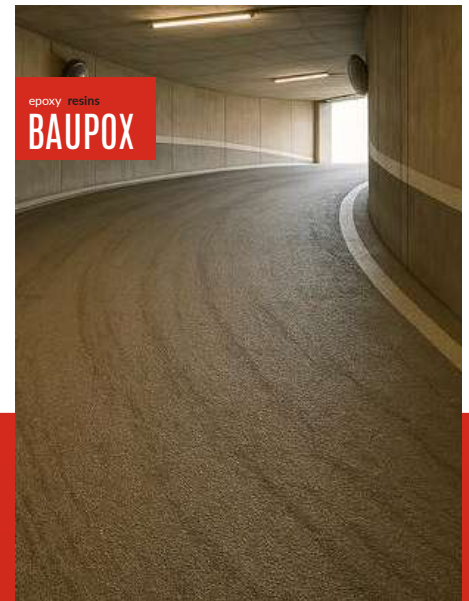
comprehensive BAUPOX systems
tailored to all your project requirements.



1. Parking SYSTEM



2. TL SYSTEM



3. SR SYSTEM



4. SL SYSTEM



5. CQ 8 SYSTEM



6. Colorid SYSTEM

Each available in two options

tailored to site conditions, as well as the contractor's skills and preferences.

■ BAUPOX 100 K

The BAUPOX 100K System is a modern "2-in-1" solution designed to optimize costs and project timelines. A single, high-quality pigmented resin serves a dual role here: as a primer and a colored structural layer.

Why choose the BAUPOX 100K System?

- **Simplified logistics:** Having just one product on site means easier inventory management and eliminates the risk of mixing up components.
- **Faster application:** Reducing the number of technological steps allows the facility to be put into service in a much shorter time.
- **Cost-effectiveness:** Fewer application steps generate real savings on labor costs.

Requirements: The system is ideal for undamaged, dry concrete substrates with a moisture content below 4%. Due to its higher viscosity, it is recommended for installation crews experienced in applying pigmented resins directly onto concrete.

When to choose: Choose this system when, in addition to durability, you want to achieve an aesthetic finish while optimizing both costs and execution time—all thanks to a "primer + topcoat" solution combined in a single product (provided the required substrate moisture level is met).

■ BAUPOX 200

Safety and Reliability on Every Substrate!

This is a classic two-stage system where each layer has a strictly defined task. It is a solution dedicated to projects with the highest technical requirements and more challenging substrate conditions.

Why choose the BAUPOX 200 System?

- **Deep penetration:** The use of dedicated, low-viscosity epoxy primers (BAUPOX 100 ST or 100 STX) guarantees maximum adhesion to various types of concrete.
- **Moisture resistance:** The system allows for application on substrates with a moisture content of up to 8% (when using 100 ST), which is not possible with 2-in-1 systems.
- **Execution safety:** The traditional division into a priming stage and a colored layer minimizes the risk of aesthetic and technological errors.

Requirements: Recommended whenever concrete moisture exceeds 4% or the substrate has uneven absorbency. It exhibits very high resistance to abrasion, impact, and aggressive chemicals (oils, fuels, de-icing salts). Due to its low viscosity compared to 2-in-1 systems, it works perfectly with quartz aggregate to create heavy-duty "armored" systems with a thickness of 1 to 3 mm.

When to choose: Choose this system when the project requires the highest mechanical parameters, the substrate has elevated moisture (requiring a dedicated primer), or when planning to install a thick-layer anti-slip system with high abrasion resistance.

BAUPOX

EPOXY RESIN FLOORS



Not sure which system to choose?



Talk to our Technical Advisor

We'll recommend the **most effective solution** for your investment.

+48 691 322 622; export-2@bautech.pl



	BAUTECH CQ 8 SYSTEM	BAUTECH PARKING SYSTEM	BAUTECH SR SYSTEM	BAUTECH SL SYSTEM	BAUTECH TL SYSTEM	BAUTECH COLORID SYSTEM
Car parks, garages	v	v	v			
Rumps, entrances, exits			v			
Production plants	v		v	v		
Wet areas	v		v			
Chemical plants	v			v		v
Pharmaceutical plants	v			v		v
Technical and storage rooms	v	v	v	v	v	v
Commercial facilities	v					v
Offices	v					v
Pedestrian areas	v	v				v
Staircases	v	v	v		v	v
Warehouses	v		v		v	v
Thickness	≥ 1,5 mm	≥ 1,5 mm	≥ 1,5 mm	≥ 1,5 mm	ok. 0,5 mm	≥ 1,0 mm
Surface	anti-slip	anti-slip	highly anti-slip	smooth	smooth / depending on the surface	smooth
Floor load	heavy / medium loadings	heavy / medium loadings	heavy / medium loadings	heavy / medium loadings	light / medium	light
Pedestrian traffic	intensive	intensive	intensive	intensive	light	light
Vehicle traffic (pneumatic tires)	intensive	intensive	intensive / medium	intensive	medium / light	light



Epoxy parking system is engineered to **withstand the demanding conditions** of park lots environments. It involves the application of durable epoxy primer and coatings designed to protect concrete surfaces from vehicular traffic, chemical spills. System provides a seamless, easy-to-clean surface that resists **abrasion, impact, and staining**. Applied quartz sand creates a textured surface increasing traction. The sand is broadcast into the wet epoxy, creating a durable, **non-slip finish**. The size and amount of quartz sand can be adjusted to achieve the desired level of slip resistance, ensuring a safer parking environment for vehicles and pedestrians.

BAUPOX 100 K PARKING SYSTEM

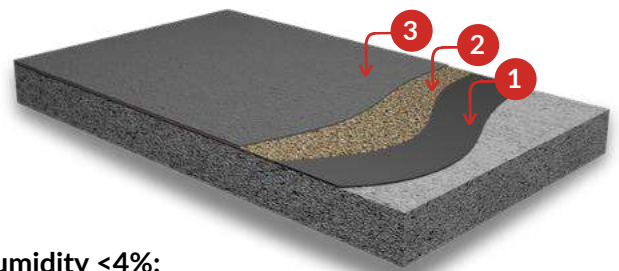


Uses:

- Multi-storey car parks
- Underground garages
- Staircases
- Pedestrian areas
- Technical rooms
- Storage rooms

Technical data:

- Thickness: $\geq 1,5$ mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: R11-R12
- Bond strength: > 2 N/mm² (B2.0)
- Flexural strength: > 20 MPa (F20)
- Compressive strength: > 40 MPa (C40)



1. Primer for substrate humidity $< 4\%$:

Bautech BAUPOX 100K™ 
($0.25-0.5$ kg/m²)

2. Quartz sand:

Quartz sand: 0.2-0.8 mm (full broadcast)
(3 kg/m²)

3. Top coat:

Bautech BAUPOX 100 K™
($0.5-0.8$ kg/m²) x 1 or 2 coats



Epoxy parking system is engineered to **withstand the demanding conditions** of park lots environments. It involves the application of durable epoxy primer and coatings designed to protect concrete surfaces from vehicular traffic, chemical spills. System provides a seamless, easy-to-clean surface that resists **abrasion, impact, and staining**. Applied quartz sand creates a textured surface increasing traction. The sand is broadcast into the wet epoxy, creating a durable, **non-slip finish**. The size and amount of quartz sand can be adjusted to achieve the desired level of slip resistance, ensuring a safer parking environment for vehicles and pedestrians.

BAUPOX 200 PARKING SYSTEM

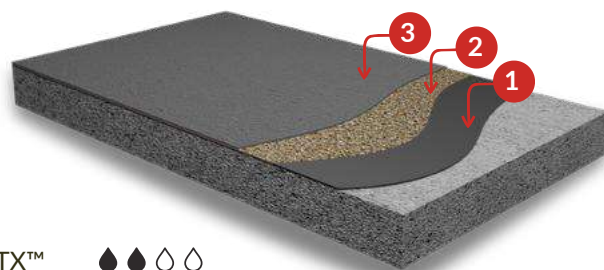


Uses:

- Multi-storey car parks
- Underground garages
- Staircases
- Pedestrian areas
- Technical rooms
- Storage rooms

Technical data:

- Thickness: $\geq 1,5$ mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: R11-R12
- Bond strength: >2 N/mm² (B2.0)
- Flexural strength: >20 MPa (F20)
- Compressive strength: >40 MPa (C40)



1. Primer:

Bautech BAUPOX 100 STX™



or

Bautech BAUPOX 100 ST™



(0.25-0.5 kg/m²)

2. Quartz sand:

Quartz sand: 0.2-0.8 mm (full broadcast)

(3 kg/m²)

3. Top coat:

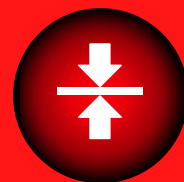
Bautech BAUPOX 200™

(0.5-0.8 kg/m²) x 1 or 2 coats



Thin-layered epoxy floors involve the application of a thin coating of epoxy resin over a primed with epoxy primer concrete surface. This type of flooring is designed for areas with light to medium traffic, providing a smooth, durable, and easy-to-clean finish. It offers **excellent resistance to stains, dust, and light abrasion**, making them ideal for garages, storage rooms, and light-duty industrial spaces.

BAUPOX 100 K TL SYSTEM THIN LAYERED

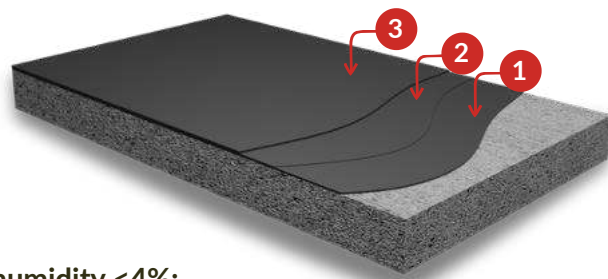


Uses:

- Technical rooms
- Staircases
- Pedestrian areas
- Storage rooms

Technical data:

- Thickness: approx. 0.5 mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: <R9
- Bond strength: >2 N/mm²(B2.0)
- Flexural strength: >20 MPa (F20)
- Compressive strength: >40 MPa (C40)



1. Primer for substrate humidity <4%:

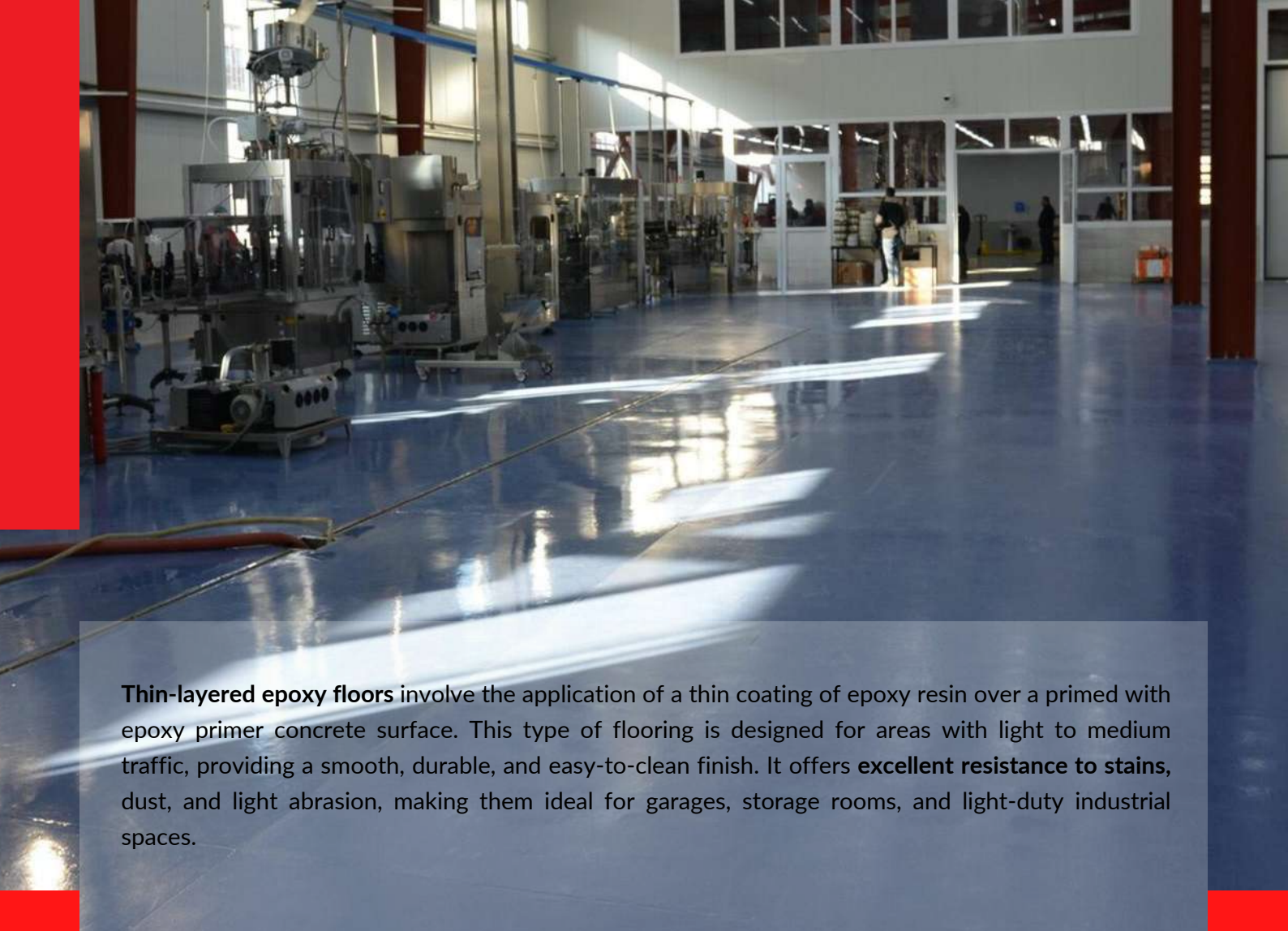
Bautech BAUPOX 100 K™ 
(0.25-0.5 kg/m²)

2. First coat:

Bautech BAUPOX 100 K™
(0.25-0.30 kg/m²)

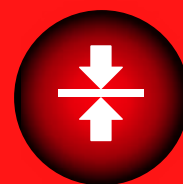
3. Top coat:

Bautech BAUPOX 100 K™
(0.25-0.30 kg/m²)



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BAUPOX 200 TL SYSTEM THIN LAYERED

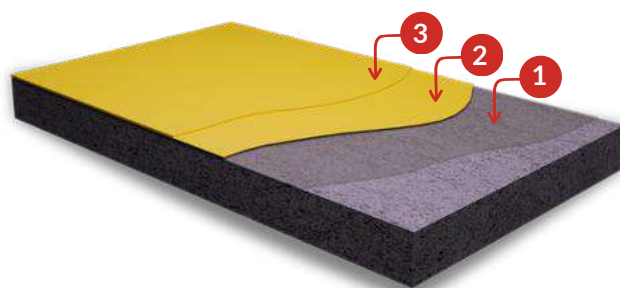


Uses:

- Technical rooms
- Staircases
- Pedestrian areas
- Storage rooms

Technical data:

- Thickness: approx. 0.5 mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: <R9
- Bond strength: >2 N/mm² (B2.0)
- Flexural strength: >20 MPa (F20)
- Compressive strength: >40 MPa (C40)



1. Primer:

Bautech BAUPOX 100 STX™ ●●○○○
or (0.25-0.5 kg/m²)

Bautech BAUPOX 100 ST™ ●●●○○
(0.25-0.5 kg/m²)

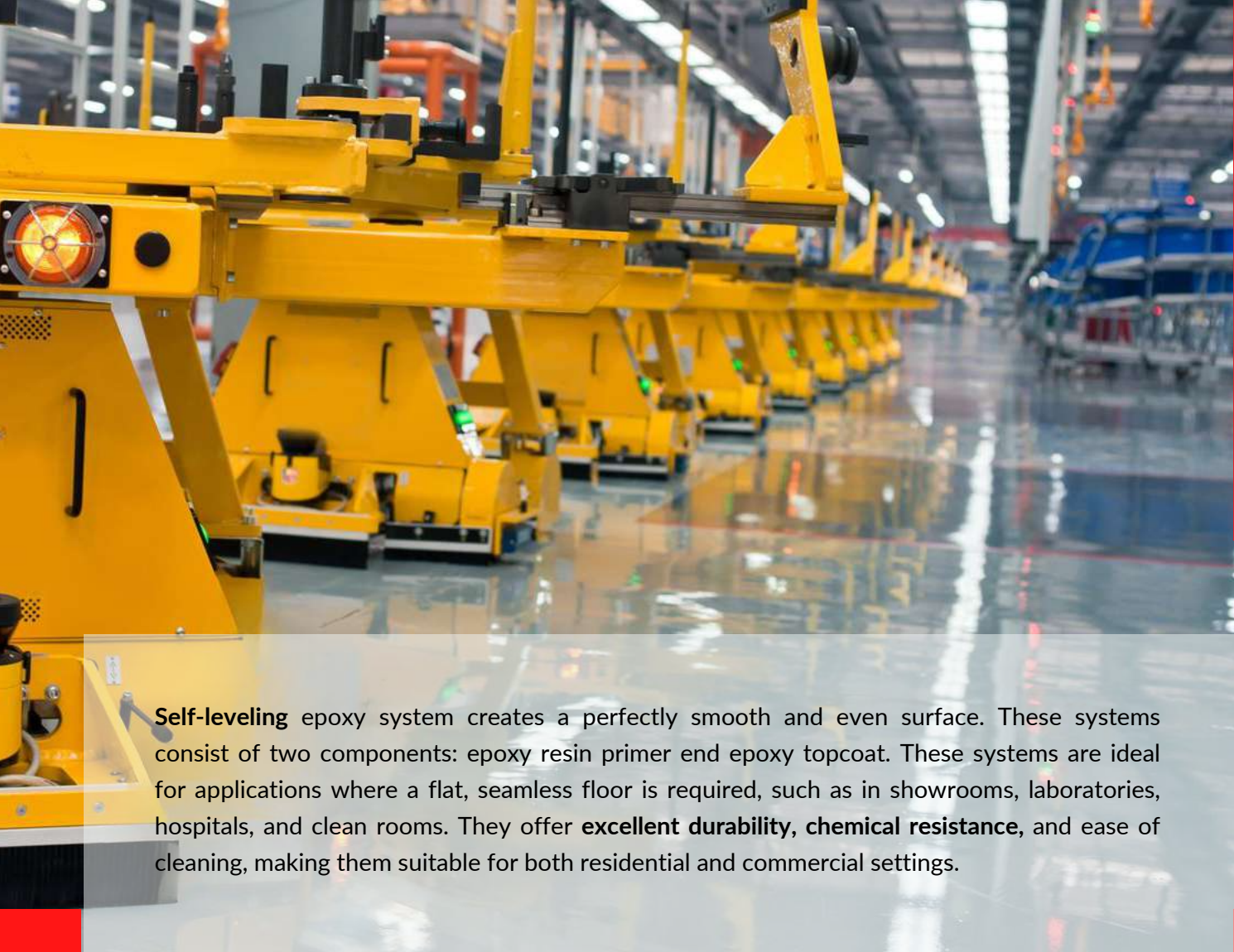
2. First coat:

Bautech BAUPOX 200™
(0.25-0.3 kg/m²)

3. Top coat:

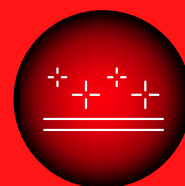
Bautech BAUPOX 200™
(0.25-0.3 kg/m²)

BAUTECH®



Self-leveling epoxy system creates a perfectly smooth and even surface. These systems consist of two components: epoxy resin primer and epoxy topcoat. These systems are ideal for applications where a flat, seamless floor is required, such as in showrooms, laboratories, hospitals, and clean rooms. They offer **excellent durability, chemical resistance**, and ease of cleaning, making them suitable for both residential and commercial settings.

BAUPOX 100 K SL SYSTEM SELF LEVELING

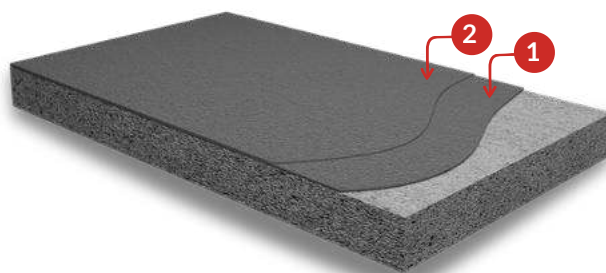


Uses:

- Technical rooms
- Pharmaceutical plants
- Offices
- Pedestrian areas
- Technical rooms
- Storage rooms

Technical data:

- Thickness options: I : ≤ 2 mm
II: ≥ 2 mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: <R9
- Bond strength: >2 N/mm $\{B2.0\}$
- Flexural strength: >20 MPa (F20)
- Compressive strength: >40 MPa (C40)

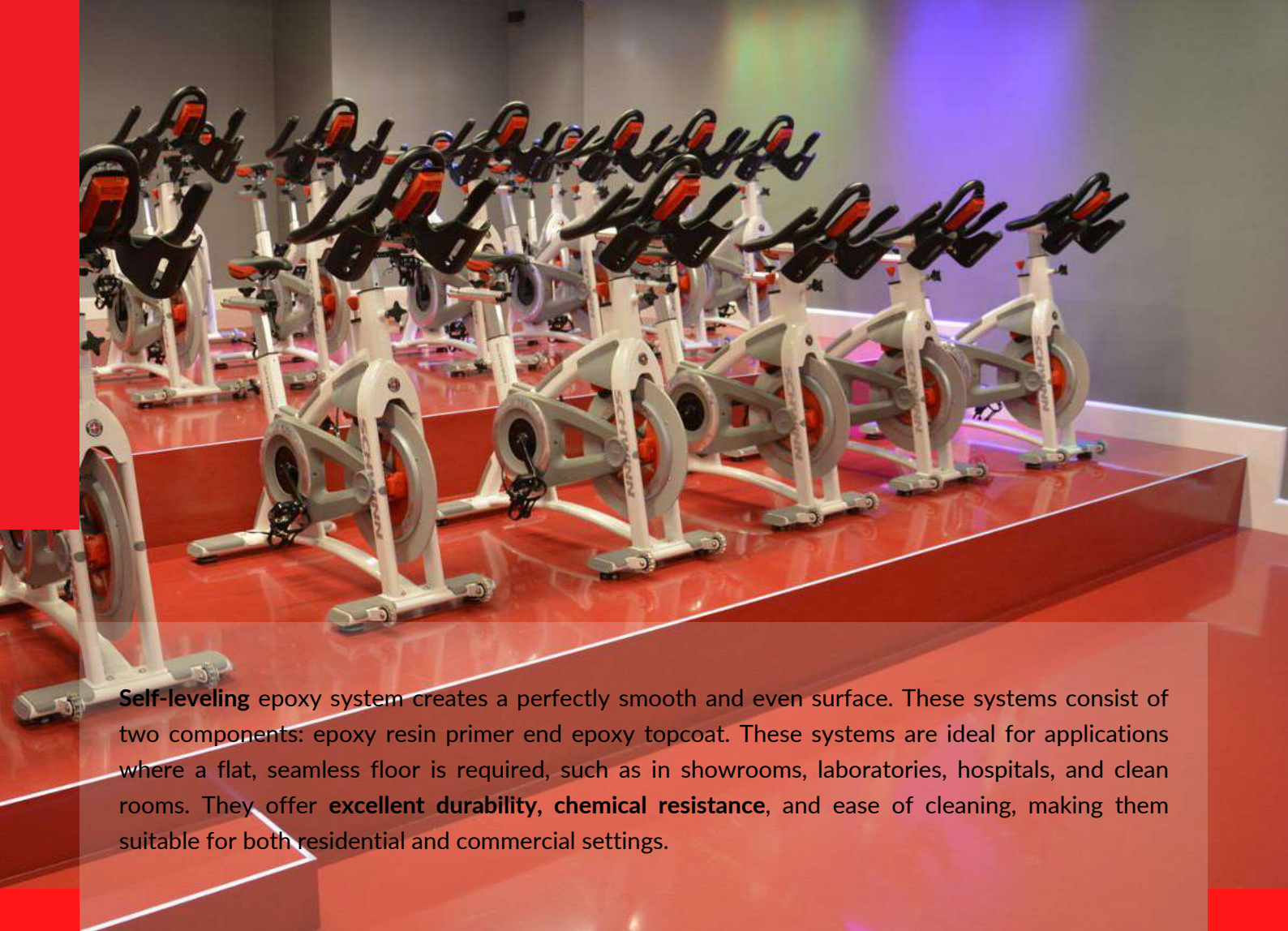


1. Primer for substrate humidity <4%:

Bautech BAUPOX 100 K™ $\blacklozenge \diamond \diamond \diamond$
($0.25-0.5 \text{ kg/m}^2$)

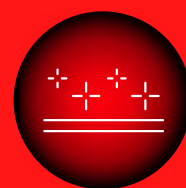
2. Top coat:

Bautech BAUPOX 100 K™
($1.45 \text{ kg/m}^2 / 1 \text{ mm}$)



Self-leveling epoxy system creates a perfectly smooth and even surface. These systems consist of two components: epoxy resin primer and epoxy topcoat. These systems are ideal for applications where a flat, seamless floor is required, such as in showrooms, laboratories, hospitals, and clean rooms. They offer **excellent durability, chemical resistance**, and ease of cleaning, making them suitable for both residential and commercial settings.

BAUPOX 200 SL SYSTEM SELF LEVELING

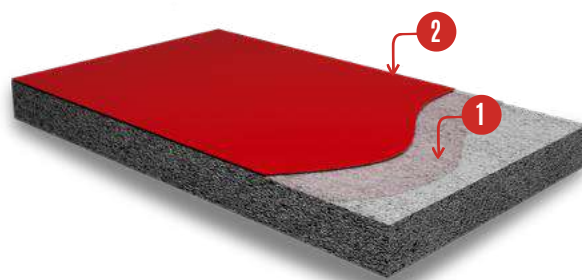


Uses:

- Technical rooms
- Pharmaceutical plants
- Offices
- Pedestrian areas
- Technical rooms
- Storage rooms

Technical data:

- Thickness options: I : ≤ 2 mm
II: ≥ 2 mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: <R9
- Bond strength: >2 N/mm² (B2.0)
- Flexural strength: >20 MPa (F20)
- Compressive strength: >40 MPa (C40)



1. Primer:

Bautech BAUPOX 100 STX™
(0.25-0.5 kg/m²)

or

Bautech BAUPOX 100 ST™
(0.25-0.5 kg/m²)

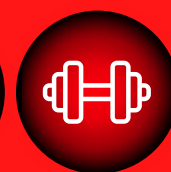
2. Top coat:

Bautech BAUPOX 200™
(1.45 kg/m² / 1 mm)



Colour quartz system delivers exceptional durability and protection for demanding environments. This system combines the strength and texture of quartz aggregates with the impenetrable barrier of advanced epoxy resins. The foundation of the system is a blend of quartz sand broadcast into a durable epoxy resin, creating a robust, slip-resistant surface. It provides excellent mechanical strength and impact resistance. To further enhance its protective capabilities, a **highly chemical-resistant** epoxy resin topcoat is applied. This specialized resin forms a dense, cross-linked film that withstands exposure to a wide range of aggressive chemicals, including acids, alkalis, solvents, and fuels.

BAUPOX 100 K CQ8 SYSTEM COLOUR QUARTZ

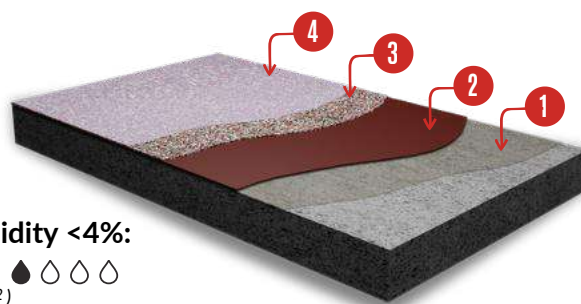


Uses:

- Warehouses
- Food production plants
- Dry and wet production facilities
- Commercial and office facilities
- Garages
- Workshops
- Staircases and pedestrian areas
- Technical rooms
- Storage rooms

Technical data:

- Thickness options: $\geq 1,5$ mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: R10 - R12
- Bond strength: > 2 N/mm² (B2.0)
- Flexural strength: > 20 MPa (F20)
- Compressive strength: > 40 MPa (C40)



1. Primer for substrate humidity $< 4\%$:

Bautech BAUPOX 100 K™ 
(0.25-0.5 kg/m²)

2. Base coat:

Bautech BAUPOX 100 K™
(~0.5 kg/m²)

3. Quartz sand:

Colour quartz: 0.4-0.8 mm
(~3 kg/m²)

4. Top coat:

Bautech BAUPOX 400™ x 2 coats
(0.5-0.55 kg/m² - 1st coat)
(0.15-0.2 kg/m² - 2nd coat)

BAUTECH®



Colour quartz system delivers exceptional durability and protection for demanding environments. This system combines the strength and texture of quartz aggregates with the impenetrable barrier of advanced epoxy resins. The foundation of the system is a blend of quartz sand broadcast into a durable epoxy resin, creating a robust, slip-resistant surface. It provides excellent mechanical strength and impact resistance. To further enhance its protective capabilities, a **highly chemical-resistant** epoxy resin topcoat is applied. This specialized resin forms a dense, cross-linked film that withstands exposure to a wide range of aggressive chemicals, including acids, alkalis, solvents, and fuels.

BAUPOX 100 ST CQ8 SYSTEM COLOUR QUARTZ

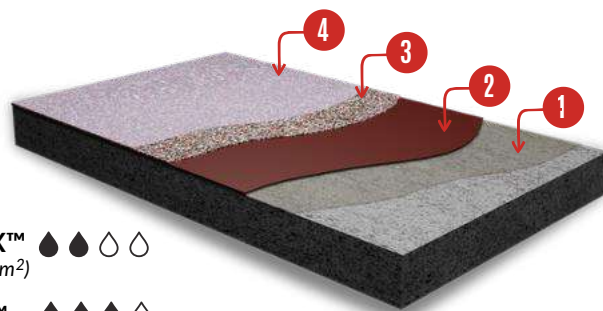


Uses:

- Warehouses
- Food production plants
- Dry and wet production facilities
- Comercial and office facilities
- Garages
- Workshops
- Staircases and pedestrian areas
- Technical rooms
- Storage rooms

Technical data:

- Thickness options: $\geq 1,5$ mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: R10 - R12
- Bond strength: > 2 N/mm² (B2.0)
- Flexural strength: > 20 MPa (F20)
- Compressive strength: > 40 MPa (C40)



1. Primer:

Bautech BAUPOX 100 STX™ 
or
(0.25-0.5 kg/m²)

Bautech BAUPOX 100 ST™ 
(0.25-0.5 kg/m²)

2. Base coat:

Bautech BAUPOX 100 K™
(~0.5 kg/m²)

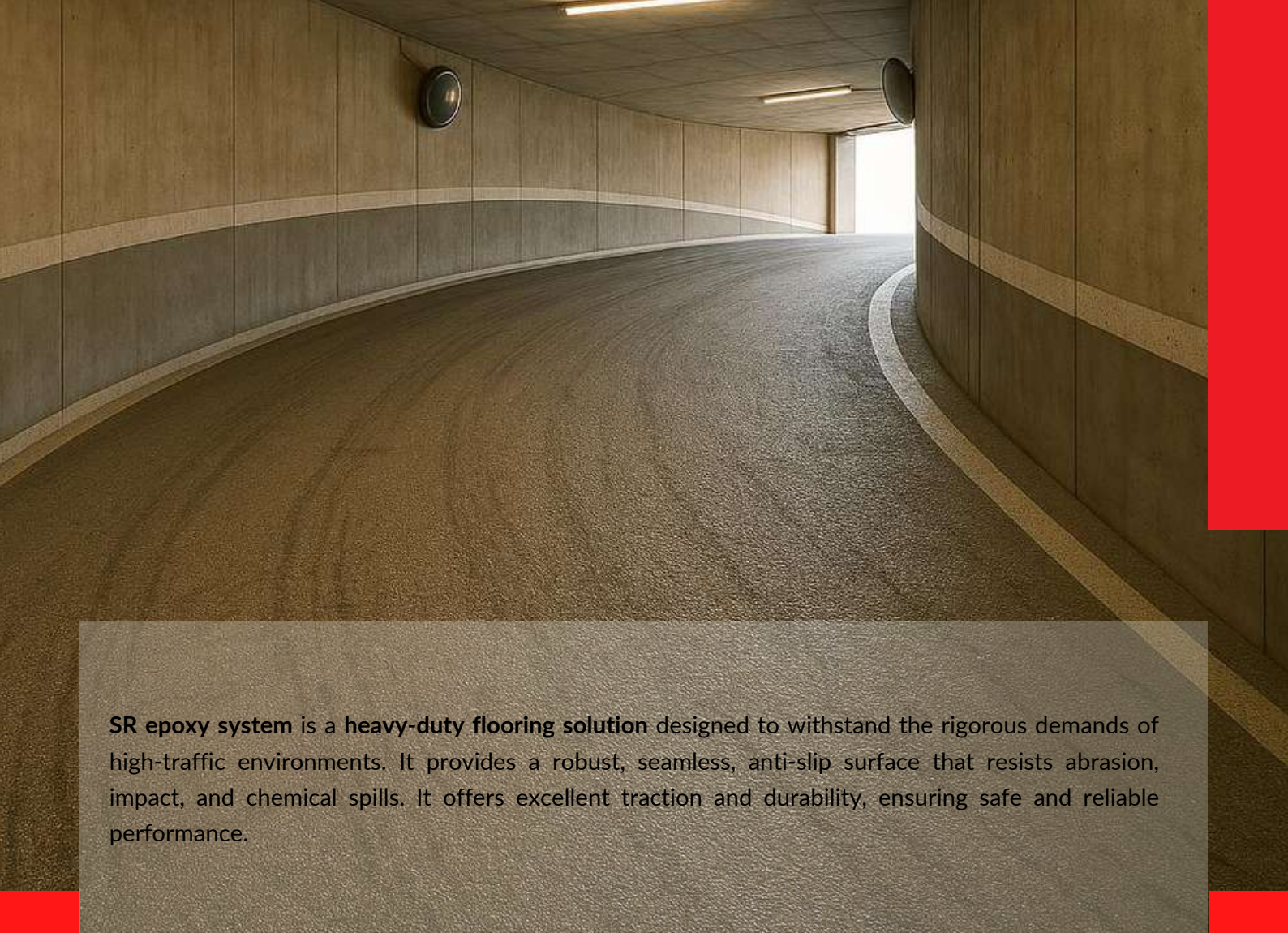
3. Quartz sand:

Colour quartz: 0.4-0.8 mm
(~3 kg/m²)

4. Top coat:

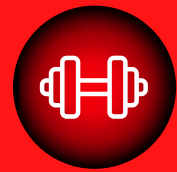
Bautech BAUPOX 400™ x 2 coats
(0.5-0.55 kg/m² - 1st coat)
(0.15-0.2 kg/m² - 2nd coat)

 **BAUTECH®**



SR epoxy system is a **heavy-duty flooring solution** designed to withstand the rigorous demands of high-traffic environments. It provides a robust, seamless, anti-slip surface that resists abrasion, impact, and chemical spills. It offers excellent traction and durability, ensuring safe and reliable performance.

BAUPOX 100 K SR SYSTEM SLIP RESISTANCE

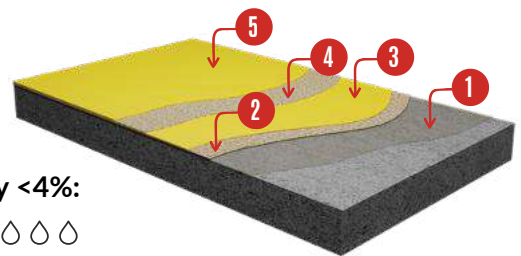


Uses:

- Car parks subject to heavy duty traffic
- Ramps, entrances, exits
- Loading bays
- Garages
- Technical rooms
- Warehouses
- Wet processing areas

Technical data:

- Thickness options: $\geq 1,5$ mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: R11 - R12
- Bond strength: $> 2 \text{ N/mm}^2$ (B2.0)
- Flexural strength: $> 20 \text{ MPa}$ (F20)
- Compressive strength: $> 40 \text{ MPa}$ (C40)



1. Primer for substrate humidity $< 4\%$:

Bautech BAUPOX 100 K™ 
($0.25\text{-}0.5 \text{ kg/m}^2$)

2. Quartz sand:

Quartz sand: $0.4\text{-}0.8 \text{ mm}$
($\sim 1 \text{ kg/m}^2$)

3. Main coat:

Bautech BAUPOX 100 K
($\sim 0.5 \text{ kg/m}^2$)

4. Quartz sand:

Quartz sand: $0.2\text{-}0.8 \text{ mm}$
($\sim 3 \text{ kg/m}^2$)

5. Top coat:

Bautech BAUPOX 100 K x 2 coats
($0.55\text{-}0.6 \text{ kg/m}^2$ - 1st coat)
($0.25\text{-}0.3 \text{ kg/m}^2$ - 2nd coat)

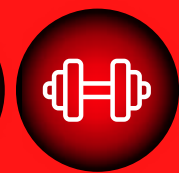
BAUTECH®

SR epoxy system is a **heavy-duty flooring solution** designed to withstand the rigorous demands of high-traffic environments. It provides a robust, seamless, anti-slip surface that resists abrasion, impact, and chemical spills. It offers excellent traction and durability, ensuring safe and reliable performance.

BAUPOX 200

SR SYSTEM

SLIP RESISTANCE



Uses:

- Car parks subject to heavy duty traffic
- Ramps, entrances, exits
- Loading bays
- Garages
- Technical rooms
- Warehouses
- Wet processing areas

Technical data:

- Thickness options: $\geq 1,5$ mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: R11 - R12
- Bond strength: > 2 N/mm² (B2.0)
- Flexural strength: > 20 MPa (F20)
- Compressive strength: > 40 MPa (C40)

1. Primer:

Bautech BAUPOX 100 STX™
(0.25-0.5 kg/m²)

or
Bautech BAUPOX 100 ST™
(0.25-0.5 kg/m²)



2. Quartz sand:

Quartz sand: 0,4-0,8 mm (~1 kg/m²)



3. Main coat:

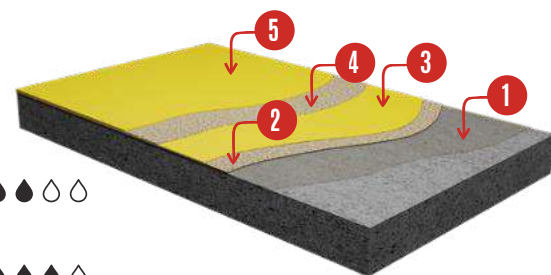
Bautech BAUPOX 200™
(0.5 kg/m²)

4. Quartz sand:

Quartz sand 0.2-0.8 mm
(~3 kg/m²)

5. Top coat:

Bautech BAUPOX 200 x 2 coats
(0.55-0.6 kg/m² 1st coat)
(0.25-0.3 kg/m² 2nd coat)



Epoxy flooring with flakes combines durability with aesthetic appeal, making it an ideal choice for commercial, and industrial spaces alike. This seamless flooring system provides resistance to stains and chemicals. The addition of decorative flakes enhances its visual appeal and provide unlimited colour effect.

BAUPOX 100 K COLORID SYSTEM

Uses:

- Wet production zones
- Chemical plants
- Pharmaceutical plants
- Technical rooms
- Amenity areas
- Utility rooms
- Commercial facilities
- Office facilities
- Footways and staircases
- Garages
- Loading platforms

Technical data:

- Thickness options: ≥ 1 mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: <R9
- Bond strength: >2 N/mm² (B2.0)
- Flexural strength: >20 MPa (F20)
- Compressive strength: >40 MPa (C40)

1. Primer for substrate humidity <4%:

Bautech BAUPOX 100 K™ 
(0.25-0.5 kg/m²)

2. Quartz sand:

Quartz sand 0.2-0.8 mm (~1.0 kg/m²)

3. Main coat:

Bautech BAUPOX 100K™ (0.3-1.0 kg/m²)

4. Decorative flakes:

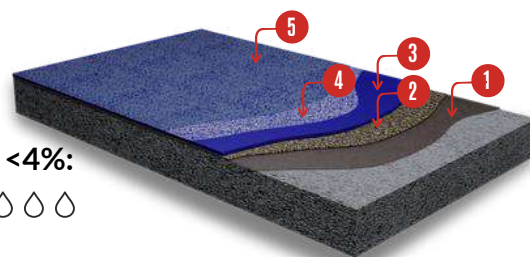
Acrylic flakes (0.1-0.4 kg/m²)

5. Top coat:

Bautech BAUPOX 400™ /clear epoxy resin/ (0.15-0.4 kg/m²)

Bautech BAUPUR 700 HP /polyurethane varnish/ (0.2-0.3 kg/m²)

Bautech BAUPUR 800 HP Top LINE /polyurethane varnish/ (0.2-0.3 kg/m²)



Epoxy flooring with flakes combines durability with aesthetic appeal, making it an ideal choice for commercial, and industrial spaces alike. This seamless flooring system provides resistance to stains and chemicals. The addition of decorative flakes enhances its visual appeal and provide unlimited colour effect.

BAUPOX 200 COLORID SYSTEM

Uses:

- Wet production zones
- Chemical plants
- Pharmaceutical plants
- Technical rooms
- Amenity areas
- Utility rooms
- Commercial facilities
- Office facilities
- Footways and staircases
- Garages
- Loading platforms

Technical data:

- Thickness options: ≥ 1 mm
- Impact resistance: IR 10 Nm
- BCA abrasion resistance: AR 0.5
- Slip resistance: $< R9$
- Bond strength: $> 2 \text{ N/mm}^2$ (B2.0)
- Flexural strength: $> 20 \text{ MPa}$ (F20)
- Compressive strength: $> 40 \text{ MPa}$ (C40)

1. Primer:

Bautech BAUPOX 100 STX™ 
or
(0.25-0.5 kg/m²)

Bautech BAUPOX 100 ST™ 
(0.25-0.5 kg/m²)

2. Quartz sand:

Quartz sand 0.2-0.8 mm (~ 1.0 kg/m²)

3. Main coat:

Bautech BAUPOX 200™ (0.3-1.0 kg/m²)

4. Decorative flakes:

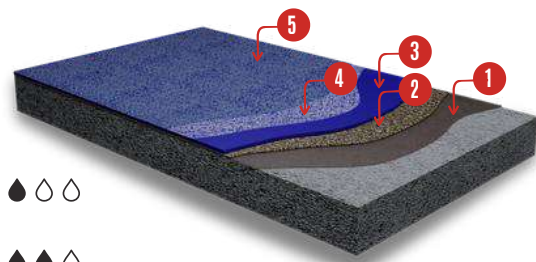
Acrylic flakes (0.1-0.4 kg/m²)

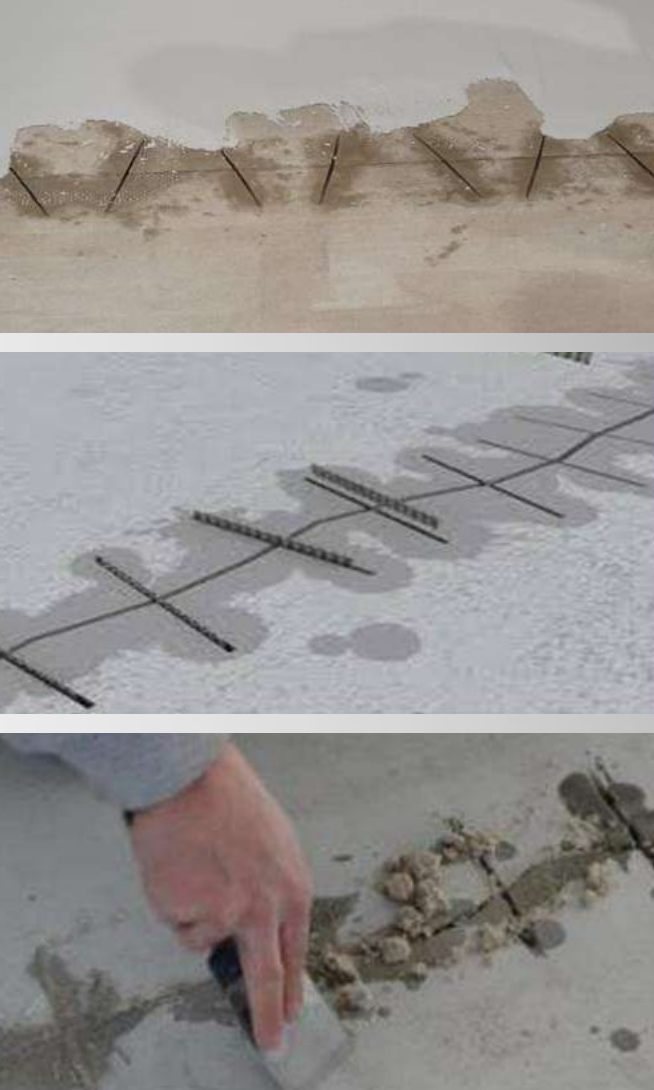
5. Top coat:

Bautech BAUPOX 400™ /clear epoxy resin/ (0.15-0.4 kg/m²)

Bautech BAUPUR 700 HP /polyurethane varnish/ (0.2-0.3 kg/m²)

Bautech BAUPUR 800 HP Top LINE /polyurethane varnish/ (0.2-0.3 kg/m²)





CONCRETE SCREED REPAIR

Our Bautech epoxy resin systems offer a durable and long-lasting solution for repairing of damaged concrete screeds. Whether you're dealing with cracks, micro cracks, wider gaps, or delamination, our resins provide:

Superior Bonding: Ensures a strong, permanent bond between the resin and the concrete.

High Strength: Restores structural integrity and load-bearing capacity to the repaired area.

Filling cracks and micro-cracks.



Recommended Epoxy resins:

Bautech Baupox 100 GP

Reinforcement of weak, damaged, dusting concrete slabs

Bautech Baupox 100 ST, Bautech Baupox 100 STX

Filling cracks, deep gaps, preparing repair and leveling mortars with quartz sand*

*choose the right quartz grain depending of the depth of filling cracks

BAUTECH®

BAUPOX

Epoxy Resins



CASE STUDIES



in real life



SYSTEM: Bautech BAUPOX PARKING SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, quartz sand 0.2-0.8, Bautech BAUPOX 200



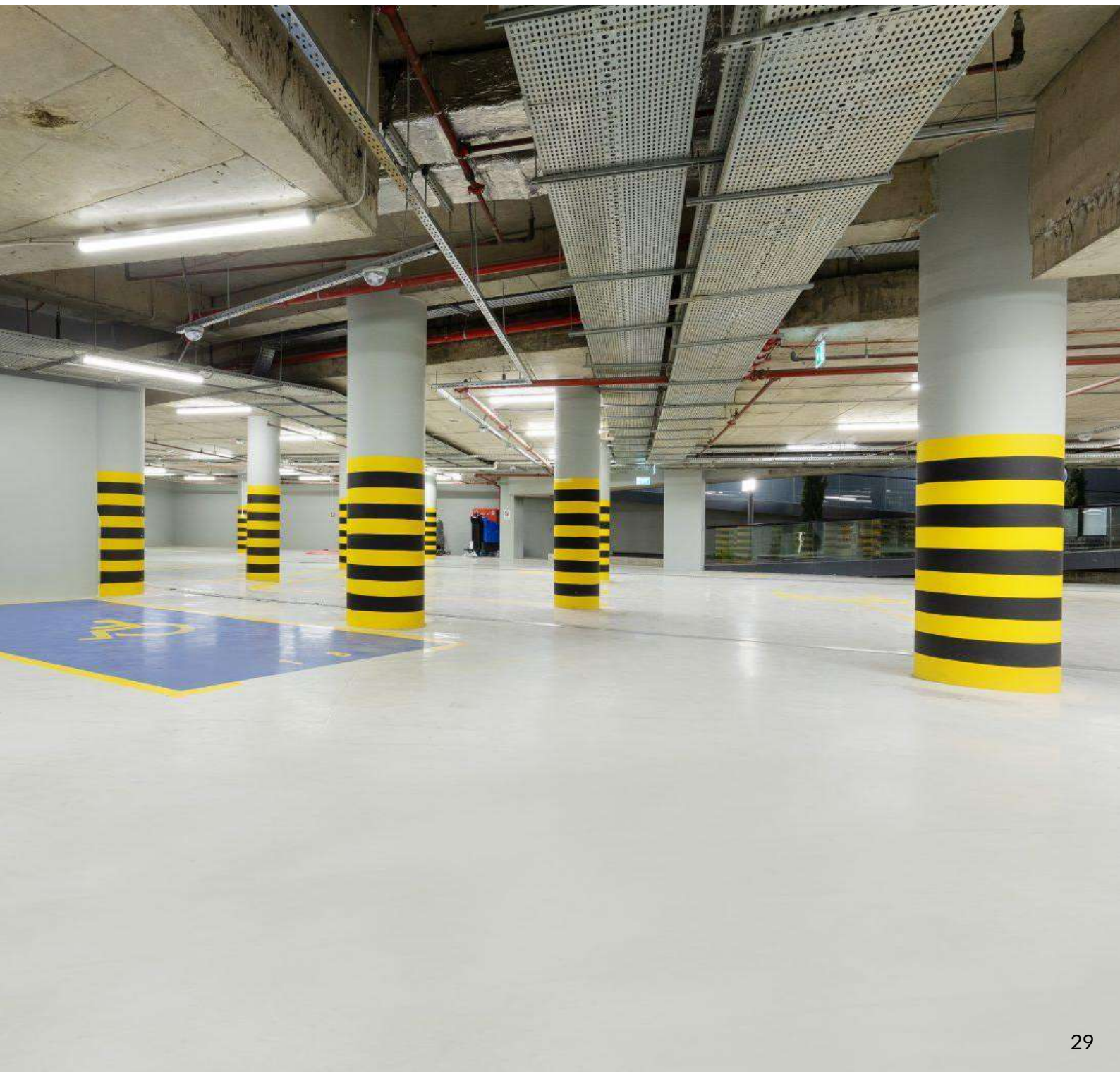
in real life



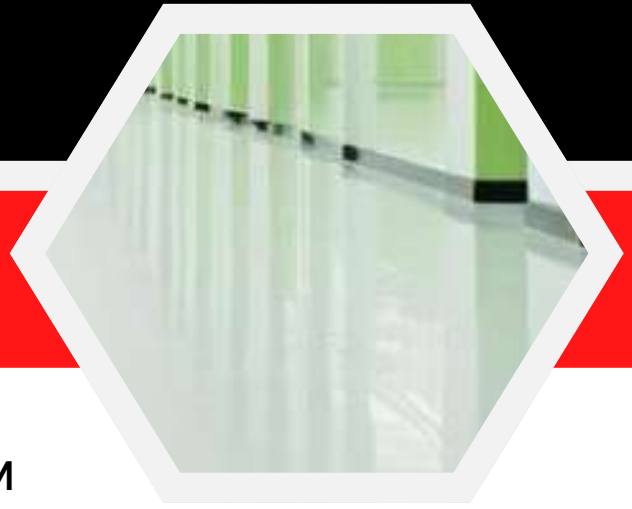
SYSTEM: Bautech BAUPOX PARKING SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, quartz sand 0.2-0.8, Bautech BAUPOX 200



in real life



SYSTEM: Bautech BAUPOX PARKING SYSTEM

SYSTEM INCLUDES:

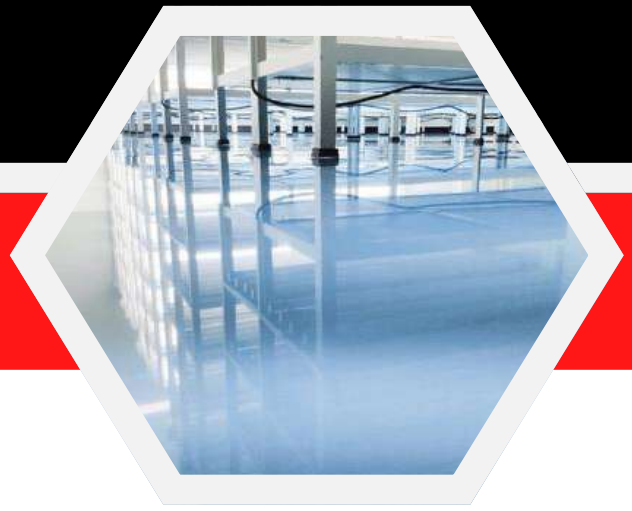
Bautech BAUPOX 100 ST, quartz sand 0.2-0.8, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



in real life



SYSTEM: Bautech BAUPOX CQ8 SYSTEM

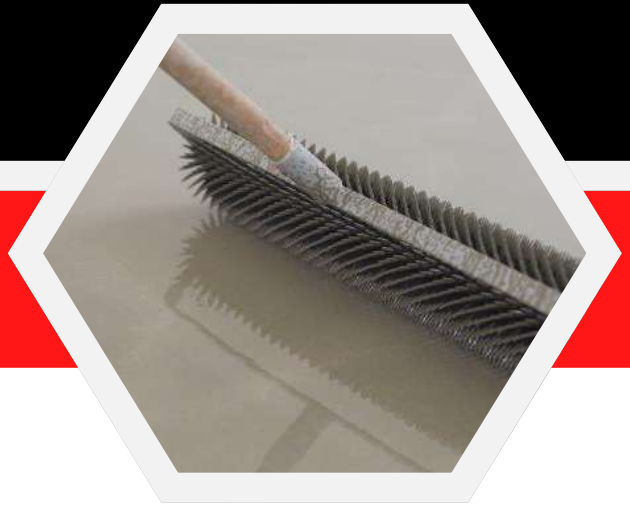
SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, green coloured quartz sand 0.4-0.8,

Bautech BAUPOX 400



in real life



SYSTEM: Bautech BAUPOX CQ8 SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, green coloured quartz sand 0.4-0.8,

Bautech BAUPOX 400



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

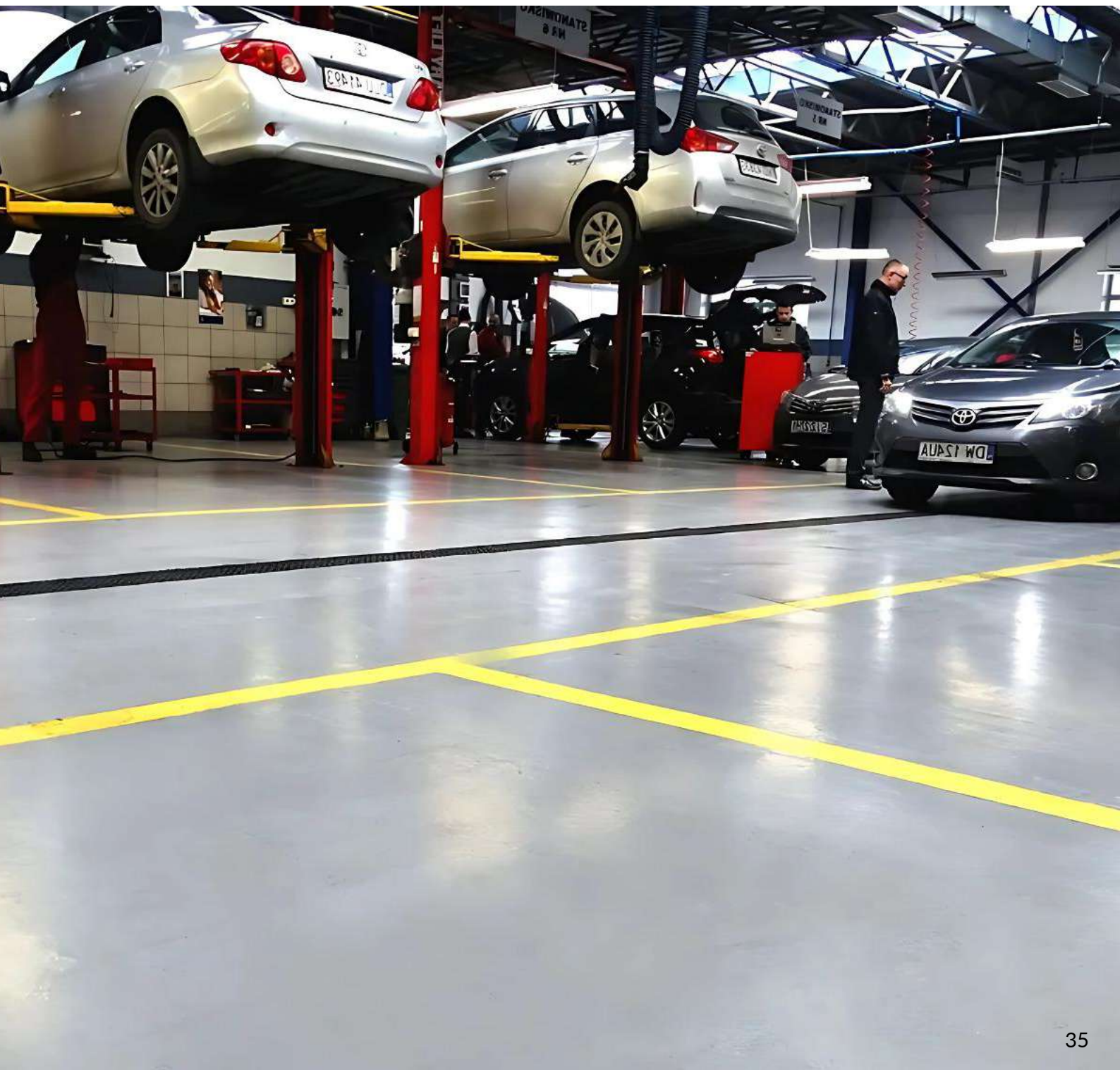
in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

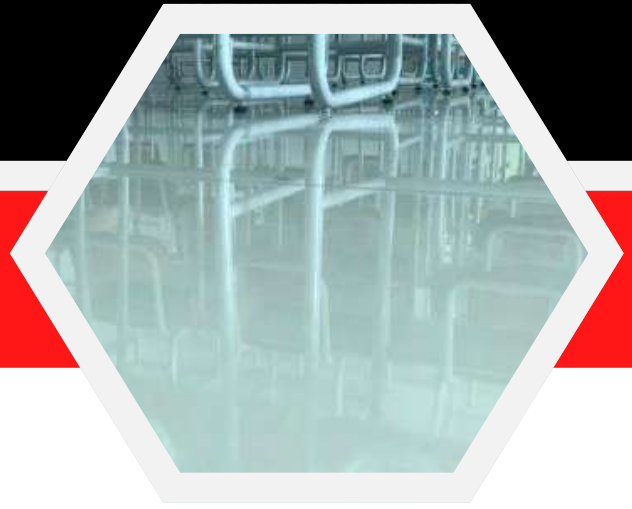
Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

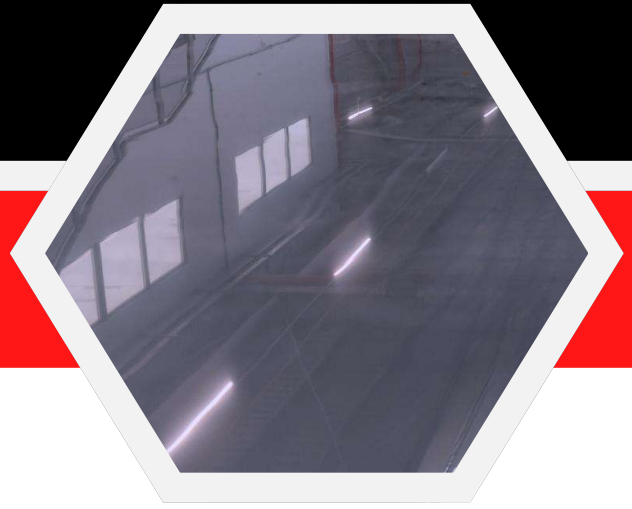
Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

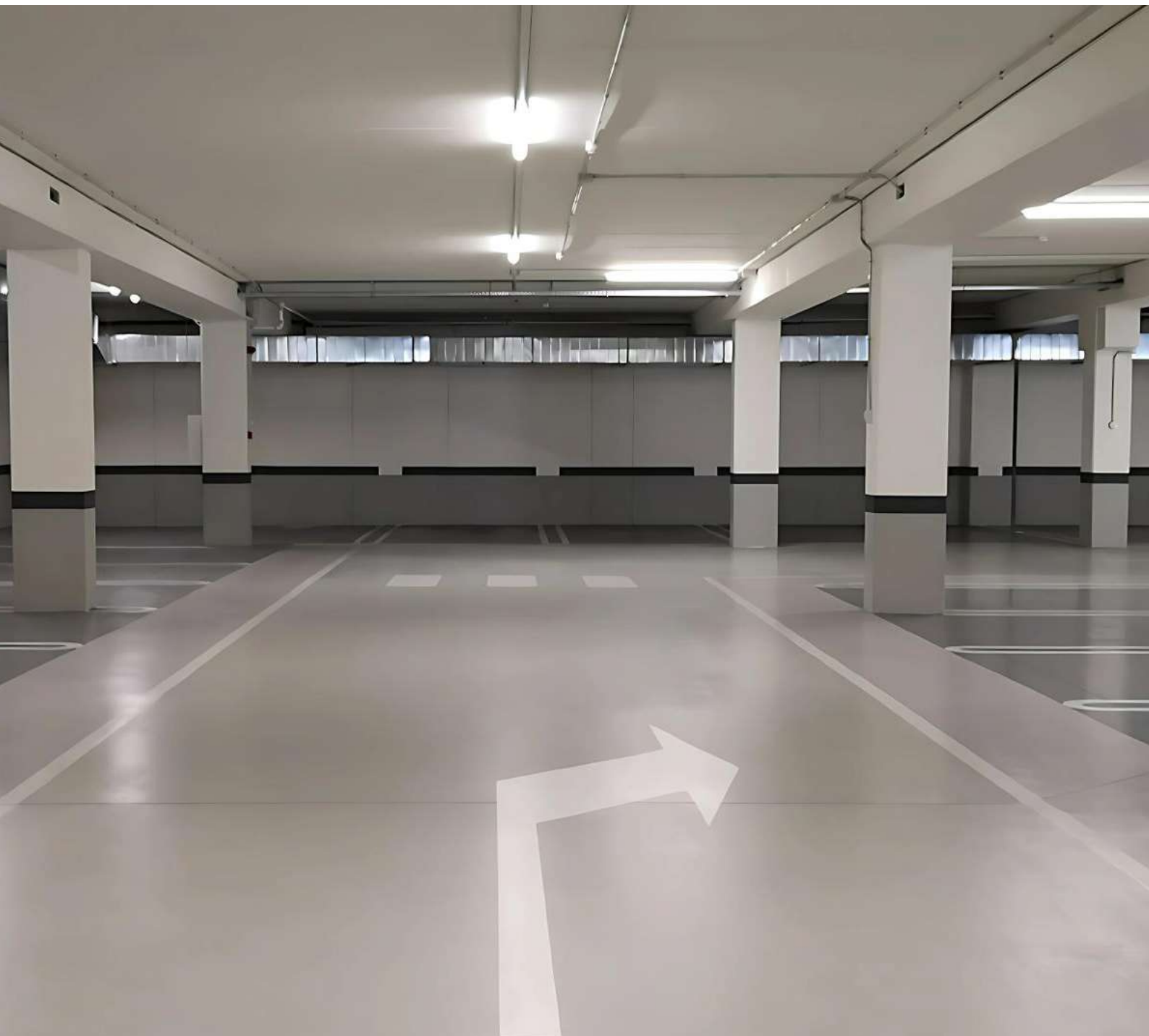
in real life



SYSTEM: Bautech BAUPOX PARKING SYSTEM

SYSTEM INCLUDES:

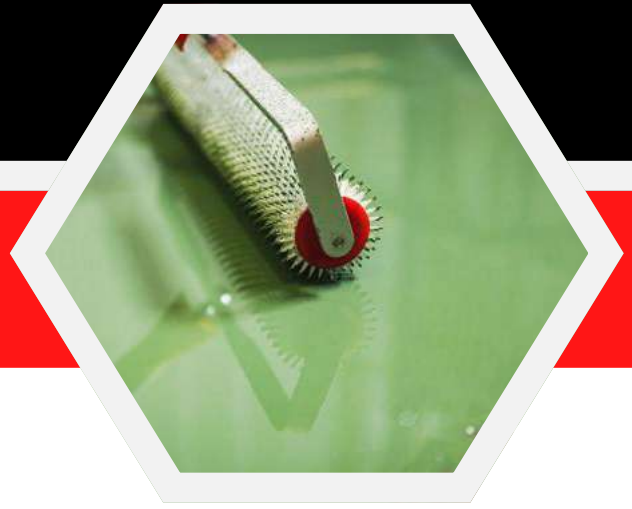
Bautech BAUPOX 100 ST, quartz sand 0.2-0.8, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX TL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100K, Bautech BAUPOX 100K



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

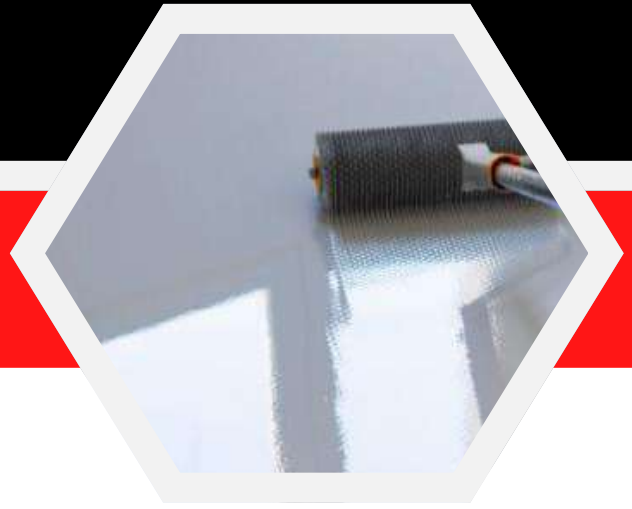
Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

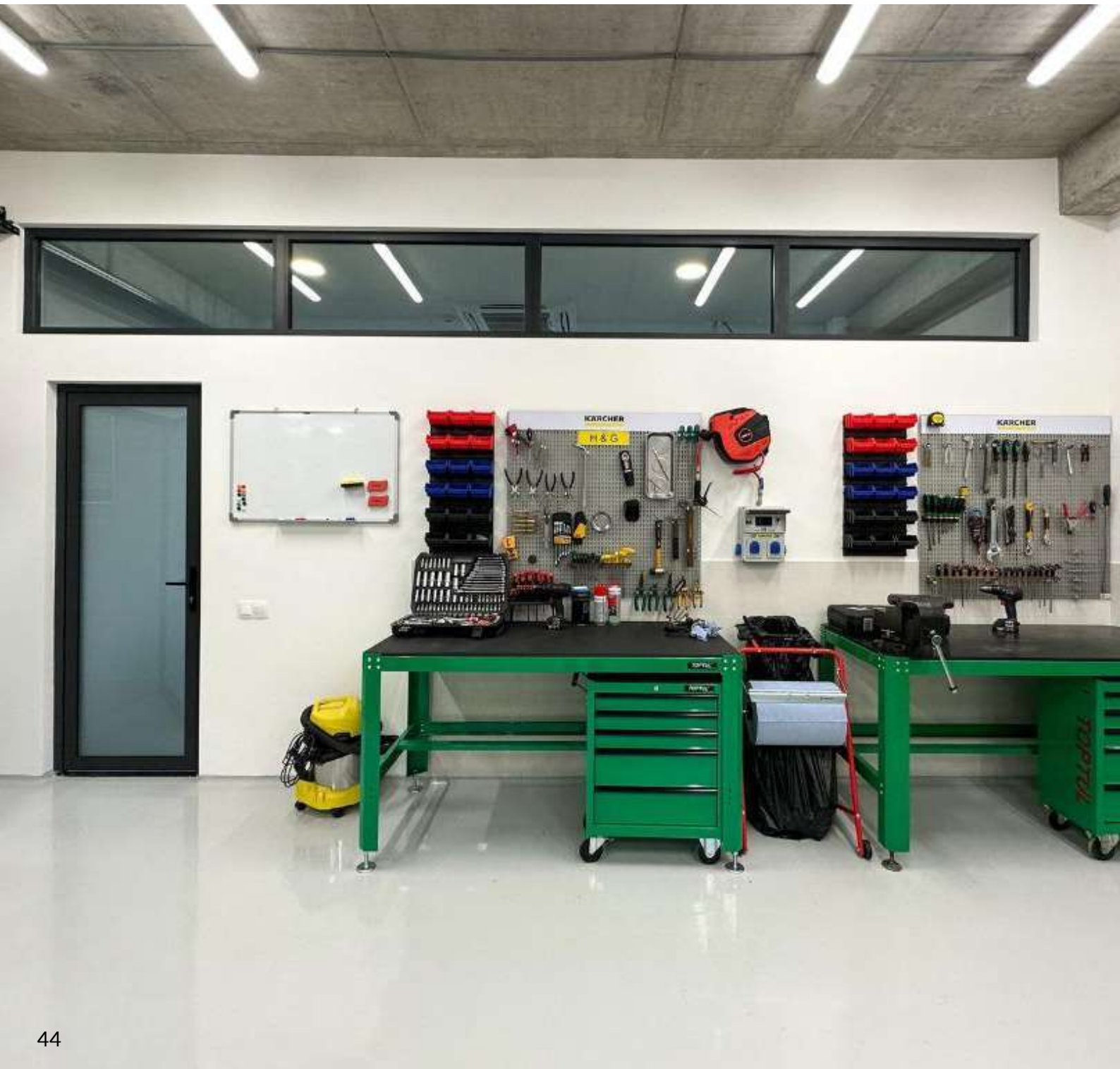
in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



in real life

SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

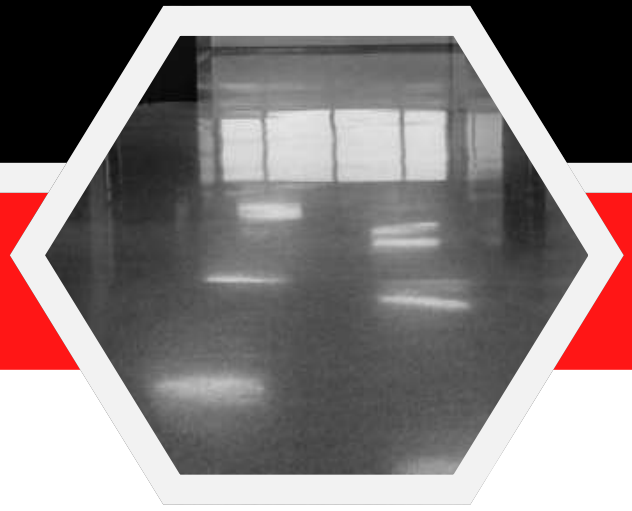
Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

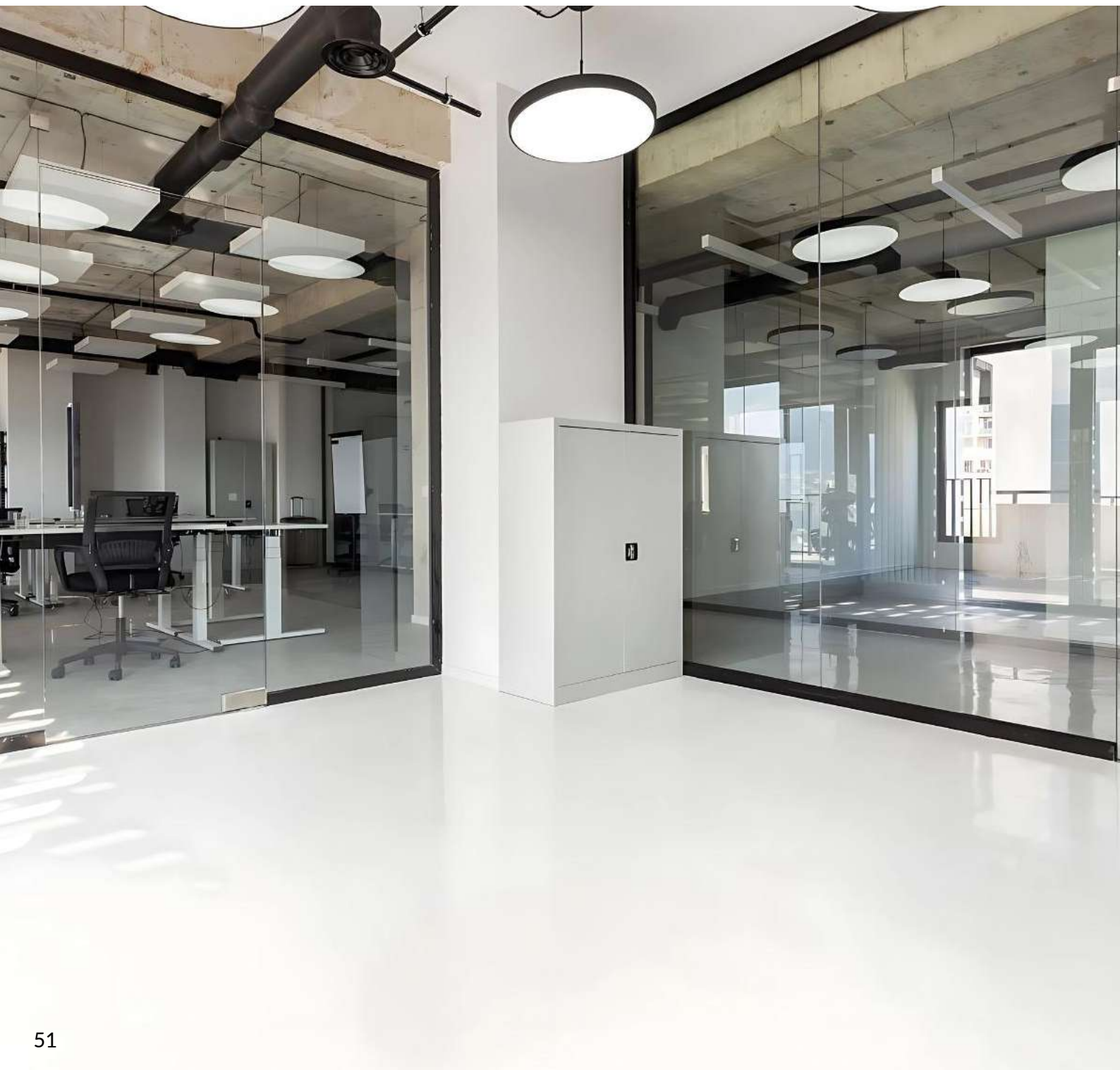
in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



BAUPOX

Epoxy
Resins

in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



in real life



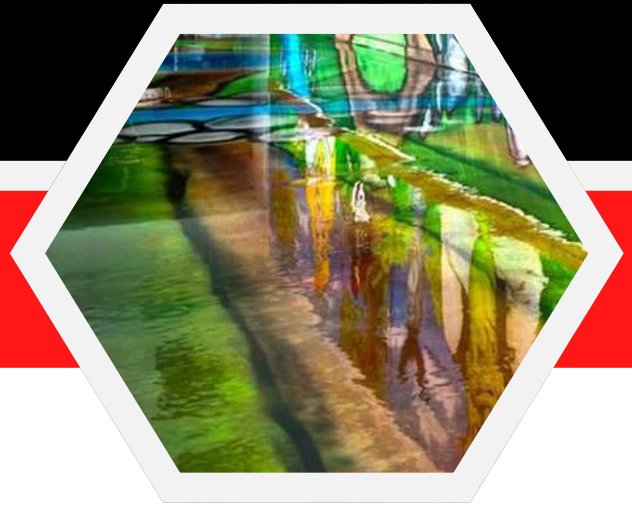
SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200



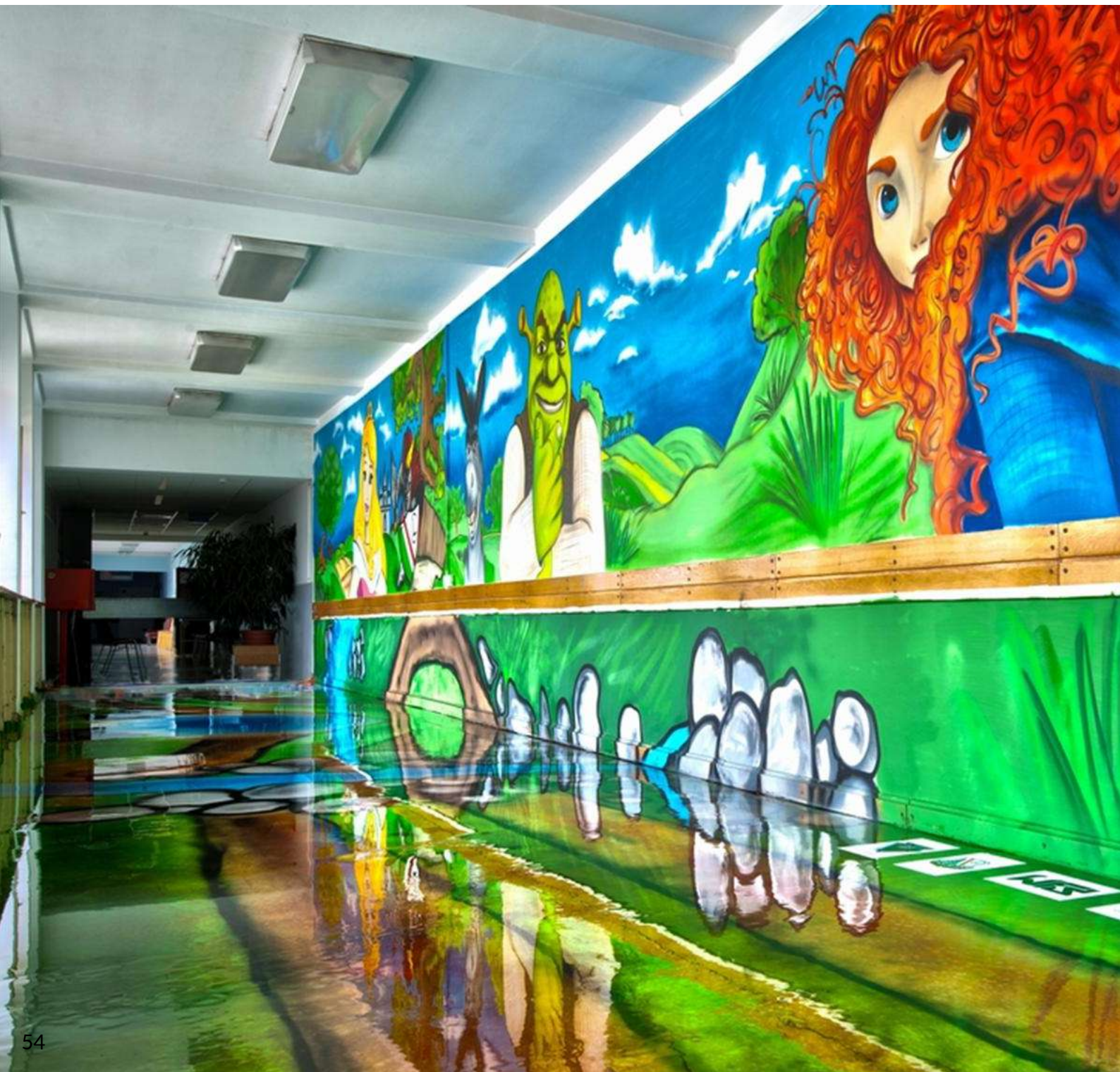
in real life



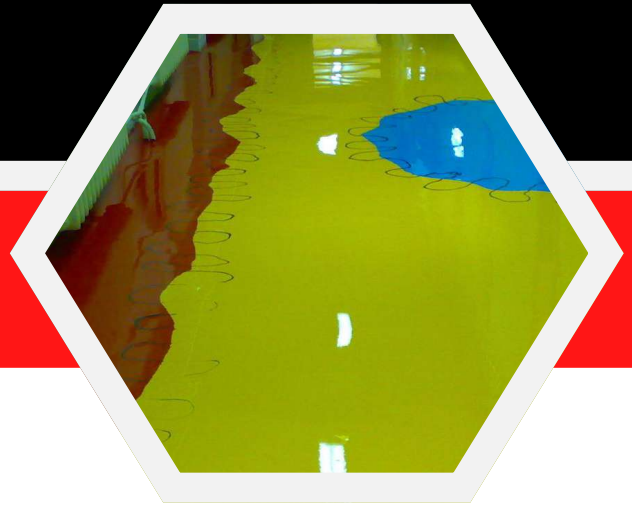
SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200, Bautech BAUPOX 400



in real life



SYSTEM: Bautech BAUPOX SL SYSTEM

SYSTEM INCLUDES:

Bautech BAUPOX 100 ST, Bautech BAUPOX 200, Bautech BAUPOX 400





LET'S BUILD TOGETHER!
WITH CONFIDENCE!



WHY BAUTECH?

Over **30 years** of proven expertise
We design and manufacture our own systems
Cutting-edge technologies that deliver results
Expert technical support at every stage
Trusted across Europe – hundreds of completed projects