Industrial Floor Systems
BAUTECH® is a European manufacturing leader and an exporter of high quality materials for industrial floorings and circulation and decorative surfacing, and a supplier of professional equipment for floor construction. The Company has many years of experience in international exports and executes orders in a comprehensive manner. BAUTECH® holds the required international certificates for all of its products. The Company’s professional staff are fluent in a number of languages, including English and Russian. An individual approach to the client guarantees that every order is completed in a reliable fashion.

Owing to over 25 years of business experience supported by collaboration of BAUTECH’s® expert team with scientific entities, the Company has created its original offer of Industrial and Decorative Flooring Systems as the only company in Europe.

BAUTECH’s® industrial floors and pavements are professionally designed floors in production halls, warehouses, garages, commercial facilities, heavy, food and pharmaceutical industry and in explosion hazard zones, and execution of the floors meets the highest technical requirements.

BAUTECH’s® technological laboratories develop flooring solutions that meet the expectations of the most daring architectural visions and the needs of the most demanding clients.

Having been an exporter of construction materials for many years, BAUTECH® has developed a strong position in international markets, which enables the company to offer competitive prices to their clients and creates an excellent platform for a lasting and successful collaboration.
1. **BAUTECH® DST SYSTEM**
   Monolithic hardened concrete floorings

2. **BAUTECH® ANTISTATIC SYSTEM**
   Monolithic hardened concrete antistatic floorings

3. **BAUMEX® / BAUCON®**
   Macro and micro synthetic fibres

4. **BAUFLOOR®**
   PCC thin-layer industrial floorings

5. **BAUPOX®**
   Epoxy floorings

6. **BAUPUR®**
   Polyurethane floorings

www.bautech.pl
BAUTECH® DST SYSTEM
Monolithic hardened concrete floorings

Industrial flooring is an important structural element of a building, which is subjected to extreme technological and operational loads during the period of its use. BAUTECH® DST SYSTEM is a durable and economical industrial flooring solution with the highest technical parameters and mechanical resistance. When constructed correctly, BAUTECH® flooring transfers loads for long years without failure. The floor does not crack or deform during its use, which is crucial to safe functioning of an industrial, warehouse or production hall.

Thanks to the manufacturer’s expert knowledge and many years of experience, the service life of BAUTECH’s®, industrial floors, used without any special maintenance, exceeds 20 years. The originality of BAUTECH’s® flooring solutions and their high level of specialisation makes it possible to adjust the floor to the client’s needs and requirements.

BAUTECH® DST SYSTEM floors are designed to be used in production and warehouse halls, logistics centres, as well as garages and workshops.
They are an excellent solution for facilities with extreme operating conditions, such as steelworks, power plants and military facilities.

Appropriate quality certificates also make it possible to use BAUTECH’s® flooring technology in explosion hazard zones, as well as in pharmaceutical and food industry structures.

APPLICATION

- garages
- workshops
- warehouses
- logistics centres
- production halls
- facilities with extreme operating conditions (steelworks, power plants, military facilities)
- after obtaining relevant certificates, the DST system may be used in explosion hazard zones, and in pharmaceutical and food industry facilities.

TECHNICAL BENEFITS

- highest abrasion resistance guaranteeing high durability of the flooring
- high fatigue and impact resistance
- tightness and no dusting
- antistatic properties
- resistance to scratches and cracks
- floor easy to clean

ECONOMIC BENEFITS

- reduced thickness of the concrete slab while maintaining all technical parameters
- very beneficial ratio of the price to the technical parameters of the flooring
- service life exceeding existing standards for floorings
- short execution time
- coloured flooring as part of the standard
HARDENERS

MULTITOP®
Coloured, mineral surface hardener for industrial floors – makes it possible to obtain high hardness and resistance to abrasion and dusting. Designed to be used in garages, workshops and other facilities exposed to low mechanical loads.

NANOTOP®
Coloured, metallic-siliceous surface hardener for industrial floorings. It gives the effect of high hardness and resistance to abrasion and dusting. Designed to be used in facilities exposed to medium mechanical loads.

MULTITOP® ENDURO
Coloured mineral metallic hardener. For construction of new surface-hardened floorings, with high hardness and resistance to abrasion and dusting. Used in facilities exposed to heavy mechanical loads.

BAUTOP® ENDURO
Coloured, metallic hardener for new surface-hardened floors. Designed to be used in production halls and warehouses exposed to very high mechanical loads. Product designed for antistatic flooring and flooring in explosion hazard zones. It gives the effect of high hardness and resistance to abrasion and dusting.

EXTRATOP® ENDURO
Coloured, ultra-metalllic surface hardener for new floorings with the highest hardness and resistance to abrasion and dusting. Designed for facilities with extreme operating conditions: steelworks, power plants, factories, logistics centres etc. Product used to construct antistatic flooring and flooring in explosion hazard zones.

SEALERS AND EXPANSION JOINT FILLING

BAUSEAL® ENDURO
Solvent-based compound for sealing and curing of concrete floors. Used to protect flooring at a curing stage against releasing water too quickly.

BAUSEAL® EKO
Water-based compound for sealing and curing of concrete floorings. It cures freshfly trowelled surfaces, seals and hardens it.

BAUTECH® FORMULA
Silicate-based compound for curing and strengthening of concrete surfaces. Application of the compound causes irreversible, selective chemical reactions providing not only mechanical protection of the surface of the flooring, but most of all, its optimum sealing.

NANOSEAL®
Lithium and polymer-based compound for curing, strengthening and sealing concrete surfaces. As it penetrates and hardens concrete in its molecular structure, it makes it possible to obtain a high-resistance cement matrix with extreme physical and chemical properties.

BAUFLEX®
Flexible polyurethane expansion joint filler system for filling of construction joints and expansion joints in industrial floorings and pavements under foot and vehicular traffic. For both indoor and outdoor use.

1. Fibre reinforcement: - BAUMIX® - BAUMÆX® - BAUCON®
2. Hardener: - MULTITOP® - NANOTOP® - MULTITOP® ENDURO - BAUTOP® ENDURO - EXTRATOP® ENDURO
4. Expansion joint filling: - BAUFLEX®
FLOORINGS COLOUR CHART

PLATINUM GREY  NATURAL GREY  TITANIUM GREY  GRAPHITE
OLIVE GREEN  BRICK RED  BLUE  YELLOW

NOTE
The manufacturer guarantees the high quality of the product but does not control the product application. The product should be used in accordance with the description given in the data sheet. The information given is not a substitute for the professional contractor’s expertise and does not release them from the obligation to apply the good building practice and health and safety regulations. It is recommended to run your own tests or contact Bautech® Technical Department. The colour and the surface of the completed flooring may differ in its shade and appearance from the batch of the product and depending on the working conditions, the drying conditions and rate etc. It is not a defect of the product, does not affect the technical parameters and performance, and is not subject to complaints.

SELECTION OF HARDENERS AND ABRASION RESISTANCE

<table>
<thead>
<tr>
<th>C20/25 (B25) CONCRETE</th>
<th>A15</th>
<th>by 40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTITOP®</td>
<td>A9</td>
<td></td>
</tr>
<tr>
<td>NANOTOP®</td>
<td>A6</td>
<td></td>
</tr>
<tr>
<td>MULTITOP® ENDURO</td>
<td>A3</td>
<td></td>
</tr>
<tr>
<td>BAUTOP® ENDURO</td>
<td>A1.5</td>
<td></td>
</tr>
<tr>
<td>EXTRATOP® ENDURO</td>
<td>A1.5</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HARDENER</th>
<th>MULTITOP®</th>
<th>NANOTOP®</th>
<th>MULTITOP® ENDURO</th>
<th>BAUTOP® ENDURO</th>
<th>EXTRATOP® ENDURO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion resistance</td>
<td>below 9 cm²/50 cm² (A9)</td>
<td>below 6 cm²/50 cm² (A6)</td>
<td>below 3 cm²/50 cm² (A3)</td>
<td>below 1.5 cm²/50 cm² (A1.5)</td>
<td>below 1.0 cm²/50 cm² (A1.5)</td>
</tr>
<tr>
<td>Daily usage</td>
<td>Light</td>
<td>Medium</td>
<td>Heavy</td>
<td>Very heavy</td>
<td>Extreme</td>
</tr>
<tr>
<td>Vehicular traffic</td>
<td>0 - 10</td>
<td>10 - 100</td>
<td>100 - 500</td>
<td>500 - 1000</td>
<td>above 1000</td>
</tr>
<tr>
<td>Foot traffic</td>
<td>up to 10</td>
<td>up to 50</td>
<td>up to 100</td>
<td>100 - 1000</td>
<td>above 1000</td>
</tr>
<tr>
<td>Application area</td>
<td>• facilities exposed to light mechanical loads • garages • workshops • warehouse halls • car parks • technical rooms</td>
<td>• facilities exposed to medium mechanical loads • garages • workshops • warehouse halls • produce warehouses</td>
<td>• facilities exposed to heavy mechanical loads • food and pharmaceutical industry • factories, workshops • warehouse halls • garages</td>
<td>• facilities exposed to very hard operating conditions • production plants • warehouses with very heavy traffic • for construction of anti-static flooring</td>
<td>• facilities with extreme operating conditions • steelworks power plants • production plans • logistic centres • for construction of anti-static flooring • for explosion hazard zones</td>
</tr>
</tbody>
</table>
Since 2000 BAUTECH® monolithic antistatic flooring system holds a certificate that authorises use of BAUTECH® ANTISTATIC SYSTEM products in all types of municipal and industrial facilities, including explosion hazard zones, in accordance with European Standard PN-EN 1127-1:2001 and the Regulation of the Minister of Interior and Administration of 21 April 2006. BAUTECH® ANTISTATIC SYSTEM floorings have ECF marking and are antistatic products – "electrostatic conductive", according to the criteria of standards:

PN-E-05200 p. 3.8 and PN-IEC 61340-4-1:2000 p. 1.7.

Classification of antistatic floorings is based on relevant limits of surface resistivity (Rs), equivalent resistivity between points (Rp-) and/or "vertical" resistivity (Rp), and equivalent volume resistivity (Rv). BAUTECH® ANTISTATIC SYSTEM floorings show resistance to ground of Ru < 1x10⁶ Ω, which meets the protection requirements for all types of municipal and industrial facilities.

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**INSTALLATION**

STEEL STRIP + CONCRETE + BAUMIX® steel fiber + EXTRATOP® ENDURO metallic hardener + BAUSEAL® ENDURO sealer
BAUTECH® ANTISTATIC SYSTEM
Monolithic hardened concrete antistatic floorings

Advanced technological processes during production and the conditions of storing goods – for instance in the electronic and flammable substance industry – require application of special antistatic floorings. BAUTECH® ANTISTATIC SYSTEM guarantees safety and continuity of business processes at any company. BAUTECH® monolithic concrete antistatic flooring system makes it possible to avoid multi-million losses, or even death, wherever there might be uncontrolled sparks or wherever it is necessary to discharge the electrostatic loads from the surface of the flooring. The service life of BAUTECH® ANTISTATIC SYSTEM exceeds all previously applied flooring standards, where any damage to the coating causes idle time and changes in work organisation as required to carry out repairs.

APPLICATION AREA

- rooms with measuring and control equipment, diagnostic equipment, telecommunications devices, control systems and computers
- warehouses for storage of petrol, gas, flammable chemicals and powdery materials
- explosion hazard zones (Z-0, Z-1, Z-2, Z-20, Z-21, Z-22)
- powder and wet paintshops
- underground garages (for LPG vehicles)
- electronic industry plants
- military facilities – equipment and ammunition warehouses

TECHNICAL BENEFITS

- antistatic properties
- durability – guaranteed highest abrasion resistance
- tightness and no dusting
- high fatigue and impact resistance
- scratch and crack resistance
- easy to clean without special maintenance

ECONOMIC BENEFITS

- lifetime preservation of antistatic properties
- service life exceeding previous standards
- reduced thickness while maintaining the technical parameters
- short execution time
- various colours as part of the standard
- excellent quality to price ratio
- execution cost lower than antistatic mats or epoxy floorings by 20%
- lower facility insurance cost

When kept clean and maintained, BAUTECH® ANTISTATIC SYSTEM is failproof.
BAUCON® - modern, economic and durable polypropylene fibre designed for micro-reinforcement of concretes and mortars. It reduces the plastic shrinkage of concrete and cracking.

As a result of correct composition of the concrete mix and addition of BAUCON® polypropylene fibres, the size of concrete cracks is reduced by two orders of magnitude and does not affect the strength of the concrete. Use of BAUCON® polypropylene fibres makes it possible to eliminate fully steel mesh shrinkage reinforcement.

APPLICATION AREA

- industrial floorings
- screed – also with underfloor heating
- concrete slabs
- shotcrete
- mortars, self-leveling compounds, thin-layer screeds
- wall mortars, plasters
- precast elements and decorative concrete elements
- stucco work

TECHNICAL BENEFITS

- reduction of natural shrinkage cracks in the first period of life of concrete when it has a low Young’s modulus and the shrinkage stresses exceed its strength
- higher water resistance
- reduced capillary action
- better freeze-thaw durability
- lower water absorption
- reduced penetration of oils and other chemicals
- reduced segregation of the concrete mix
- improved workability and homogeneity of concrete

ECONOMIC BENEFITS

- concrete strength considerably improved
- economical (low) dosing
- simple and efficient dosing
- reduced transportation costs
- reduced storage costs
BAUMEX® is an innovative technology using polymer fibres with SMART 3D technology, made of resistant and durable synthetic material. It acts as primary structural reinforcement. High number of polymer fibres in concrete – exceeding 90,000 fibres in a cubic metre – gives them their strength. BAUMEX® replaces mesh reinforcement and steel reinforcement fibres, and strengthens the concrete structure. The unique shape combined with the material with SMART 3D coating results from an excellent distribution of fibres and effective anchoring. Structural polymer macrofibres create a powerful reinforcing structure, which acts on the concrete mix evenly and in multiple directions.

Concrete reinforced with BAUMEX® polymer macrofibres is an innovative and economical construction material with high strength and impact resistance.

**APPLICATION AREA**

- traffic surfacing
- industrial floorings
- wharves
- digestive chambers
- swimming pools
- precast elements – small garden elements
- tunnel casing
- oil containers
- septic tanks
- chamber rings

**TECHNICAL BENEFITS**

- good concrete workability parameters
- no magnetic interference
- fibre distribution that guarantees even reinforcement
- fibre durability
- high capacity of the structure
- scratch elimination
- excellent plastic and strength parameters
- high resistance to aggressive chemicals

**ECONOMIC BENEFITS**

- reduced thickness of the concrete slab
- low dosing
- economical transport
- economical storage
- lower construction cost
- extended service life
BAUFLOOR® is a modern system of thin-layer polymer-cement floorings, whose thickness varies from 8 to 15 mm.

Owing to application of various types of binders and polymers, BAUFLOOR® floorings combine the advantages of cement and epoxy floorings. They meet the strict requirements for reduction of the minimum admissible thickness while transferring significant static and dynamic loads.

Their properties include high mechanical strength, resistance to vehicular traffic and impacts, and very good adhesion to the concrete substrate. BAUFLOOR® system is used for the top layer of new concrete floorings. BAUFLOOR® may also be used for renewal of old, damaged floorings, to create an aesthetic coating with a considerable service life. The diversity of finishing methods makes it possible to adjust the surfacing to the individual nature of the interior and the client's requirements.

APPLICATION AREA

• production plants
• warehouses
• workshops
• garages
• shared traffic zones
• terraces
• for construction of new and renovation of old surfacing

TECHNICAL BENEFITS

• high resistance to abrasion, dusting and impacts
• low thickness of the system
• can be laid on a wet substrate
• diverse finishing methods
• many possible applications
• the floor is coloured across the entire layer
• water vapour permeability

ECONOMIC BENEFITS

• short execution time
• easy to maintain
• colour as part of the standard
• very high durability

Owing to high water vapour permeability, BAUFLOOR® may be laid on substrates with no or with leaking waterproofing – which is not possible in the case of epoxy floorings.
<table>
<thead>
<tr>
<th>FINISHING TYPE</th>
<th>TROWELLED BAUFLOOR®</th>
<th>“ORANGE PEEL” BAUFLOOR®</th>
</tr>
</thead>
</table>
| System features | • Smooth surface  
                  • High resistance to abrasion  
                  • High resistance to dusting  
                  • Very high impact resistance  
                  • For interior use  
| Loads | HEAVY | MEDIUM |
| Application area | • production plants  
                  • public buildings  
                  • restaurants  
                  • warehouses and garages  
                  • warehouse halls, steelworks  
| Tool | POWER TROWELS | ROLLER |

NATURAL GREY

NOTE

The colour and the surface of the completed flooring may differ in its shade and appearance from the batch of the product and depending on the working conditions, the drying conditions and rate etc. It is not a defect of the product, does not affect the technical parameters and performance, and is not subject to complaints.
BAUFLOOR® THIN LAYER FLOORINGS

PRIMERS

BAUPOX® 100 ST
Transparent two-component epoxy resin used to seal and prime seasoned concrete substrates and cement screeds, levelling layers and polymer screeds, and to anchor elements in various substrates.

BAUPOX® 100K
Coloured two-component epoxy resin used to seal and prime seasoned concrete substrates and cement screeds, levelling and polymer layers, and to anchor elements in various substrates.

FLOORINGS

BAUFLOOR®
Thin-layer polymer-cement levelling compound (8-15 mm) for even floors resistant to abrasion on new and renovated concrete substrates.

UNIFLOOR®
Thin-layer polymer-cement base (25-50 mm) for use on new and existing concrete floors. It can be combined with DST and PCC technologies, and epoxy and polished floors.

SEALERS AND EXPANSION JOINT FILLERS

BAUSEAL® ENDURO
Solvent-based compound for sealing and curing of concrete floors. Used to protect flooring at a curing stage against releasing water too quickly.

BAUSEAL® EKO
Water-based compound for sealing and curing of concrete floorings. It cures freshly trowelled surfaces, seals and hardens it.

NANOSEAL®
Lithium and polymer-based compound for curing, strengthening and sealing concrete surfaces. As it penetrates and hardens concrete in its molecular structure, it makes it possible to obtain a high-resistance cement matrix with extreme physical and chemical properties.

BAUFLEX®
Flexible polyurethane expansion joint filler system for filling of construction joints and expansion joints in industrial floorings and pavements under foot and vehicular traffic. For both indoor and outdoor use.

FLOORING CROSS-SECTION

1. Primer
   - BAUPOX® 100 ST
   - BAUPOX® 100K
2. Flooring
   - BAUFLOOR®
3. Sealer
   - BAUSEAL® ENDURO
   - BAUSEAL® EKO
   - NANOSEAL®
4. Expansion joint filling system
   - BAUFLEX®
Industrial flooring must be failproof. Correct finishing of the last, outer layer of the floor in a production hall is of crucial importance.

Thanks to the carefully adjusted slip resistance consistent with the health and safety regulations, versatile application and multiple finishing methods, BAUPOX® epoxy floorings are used in all types of industrial buildings: from car park solutions through production and industrial halls, and laboratories.

BAUPOX® epoxy flooring system is used in facilities run by pharmaceutical, chemical and food companies, as well as by wholesalers and in stores – wherever the floor is exposed to the constant load of the products and materials stored and wherever there are loads from working machinery.

An attractive colour range and appearance make the BAUPOX® epoxy flooring system a frequent choice among designers. BAUPOX® technology allows use of coloured additions – flakes or sands – without losing its properties. It is an excellent solution for offices, hospitals, laboratories, schools, kitchens and restaurants, in showrooms and exhibition areas at fairs, as well as in regular kitchens and bathrooms.

Once correctly placed, BAUPOX® industrial flooring is not subject to action of temperature, acids, alkali, oils or other technological factors.

**APPLICATION AREA**

- dry and wet production facilities
- food processing plants
- pharmaceutical and chemical plants, laboratories
- commercial facilities
- amenity areas, technical and utility rooms
- staircases and footways
- garages and loading platforms

**TECHNICAL BENEFITS**

- high chemical resistance
- tightness
- no dusting
- can be laid in very thin layers
- diverse slip resistance classes
- high resistance to abrasion

**ECONOMIC BENEFITS**

- efficient execution
- easy to keep clean
- wide range of patterns
- 3D effects can be achieved
BAUPOX® TL SYSTEM
Thin-layer flooring system designed for use in industrial facilities and public buildings exposed to loads corresponding to light and medium conditions of vehicular traffic and periodic foot traffic. Resistant to impacts, pressure and shocks typical for loading of light and medium-weight goods.

APPLICATION AREA
- technical rooms
- utility rooms
- storage rooms
- parking areas

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K [grey]</td>
</tr>
<tr>
<td>2</td>
<td>Epoxy resin</td>
<td>Baupox® 200 [coloured] or Baupox® 100 K [grey]</td>
</tr>
<tr>
<td>3</td>
<td>Epoxy resin</td>
<td>Baupox® 200 [coloured] or Baupox® 100 K [grey]</td>
</tr>
</tbody>
</table>

BAUPOX® SL SYSTEM
Self-leveling flooring system designed for use in industrial facilities and public buildings exposed to loads corresponding to medium and heavy conditions of vehicular traffic and heavy foot traffic. Resistant to impacts, pressure and shocks typical for loading of medium-weight and heavy goods.

APPLICATION AREA
- production facilities
- warehouse facilities
- technical facilities

<p>| thickness &lt;2 mm, industrial system, smooth finish |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K [grey]</td>
</tr>
<tr>
<td>2</td>
<td>Epoxy resin</td>
<td>Baupox® 200 [coloured]</td>
</tr>
</tbody>
</table>

BAUPOX® SL SYSTEM (option 2)
thickness >2 mm, industrial system, rough finish

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100ST or Baupox® 100 K [grey]</td>
</tr>
<tr>
<td>2</td>
<td>Epoxy resin</td>
<td>Baupox® 200 [coloured] + quartz filler</td>
</tr>
</tbody>
</table>

BAUPOX® SR SYSTEM
Non-slip flooring system filled with natural quartz aggregate. Designed for use in industrial facilities and public buildings exposed to loads corresponding to medium and heavy conditions of vehicular traffic and heavy foot traffic. Resistant to impacts, pressure and shocks typical for loading of medium-weight and heavy goods.

APPLICATION AREA
- production facilities
- warehouse facilities
- technical facilities
- loading platforms

<p>| thickness from 1.5 mm, industrial system, rough finish |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K [grey]</td>
</tr>
<tr>
<td>2</td>
<td>Aggregate</td>
<td>0.4-0.8 mm quartz sand [loose backfill]</td>
</tr>
<tr>
<td>3</td>
<td>Epoxy resin</td>
<td>Baupox® 200 [coloured] or Baupox® 100 K [grey]</td>
</tr>
<tr>
<td>4</td>
<td>Aggregate</td>
<td>0.2-0.8 mm quartz sand [full backfill]</td>
</tr>
<tr>
<td>5</td>
<td>Epoxy resin</td>
<td>2 x Baupox® 200 [coloured] or Baupox® 100 K [grey]</td>
</tr>
</tbody>
</table>
## BAUPOX® COLOR QUARTZ 8 SYSTEM
Flooring system based on coloured quartz aggregate – backfilled. Designed for use in industrial facilities and public buildings exposed to loads corresponding to heavy conditions of vehicular traffic and heavy foot traffic. Resistant to impacts, pressure and shocks typical for loading of heavy goods.

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K (grey)</td>
</tr>
<tr>
<td>2</td>
<td>Epoxy resin</td>
<td>Baupox® 200 (coloured)</td>
</tr>
<tr>
<td>3</td>
<td>Aggregate</td>
<td>0.4-0.8 mm coloured aggregate (full backfill)</td>
</tr>
<tr>
<td>4</td>
<td>Epoxy resin</td>
<td>Baupox® 400 (transparent) x 2</td>
</tr>
</tbody>
</table>

## BAUPOX® COLOR QUARTZ 12 SYSTEM
Flooring system based on coloured quartz aggregate – trowelled. Designed for use in industrial facilities and public buildings exposed to loads corresponding to heavy conditions of vehicular traffic and heavy foot traffic. Resistant to impacts, pressure and shocks typical for loading of heavy goods.

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K (grey)</td>
</tr>
<tr>
<td>2</td>
<td>Aggregate</td>
<td>0.2-0.8 mm quartz sand (loose backfill)</td>
</tr>
<tr>
<td>3</td>
<td>Epoxy resin</td>
<td>Baupox® 100 ST + quartz sand</td>
</tr>
<tr>
<td>4</td>
<td>Aggregate</td>
<td>0.8-1.2 mm coloured aggregate (full backfill + mechanical trowel)</td>
</tr>
<tr>
<td>5</td>
<td>Epoxy resin</td>
<td>Baupox® 400 (transparent)</td>
</tr>
</tbody>
</table>

## BAUPOX® COLORID SYSTEM
Flooring system based on coloured acrylic flakes, designed for use in public buildings, amenity areas, utility rooms and technical areas. Resistant to loads corresponding to light conditions of vehicular traffic and foot traffic.

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K (grey)</td>
</tr>
<tr>
<td>2</td>
<td>Aggregate</td>
<td>0.2-0.8 mm quartz sand (loose backfill)</td>
</tr>
<tr>
<td>3</td>
<td>Epoxy resin</td>
<td>Baupox® 200 (coloured)</td>
</tr>
<tr>
<td>4</td>
<td>Decorative flakes</td>
<td>Coloured flakes</td>
</tr>
<tr>
<td>5</td>
<td>Epoxy resin</td>
<td>Baupox® 400 (transparent)</td>
</tr>
</tbody>
</table>
### BAUPOX® CYDRYT SYSTEM

Decorative flooring system based on coloured polyester fillers simulating a natural stone effect, designed for use in public buildings, amenity areas, utility rooms and technical areas. Resistant to loads corresponding to medium conditions of vehicular traffic and foot traffic.

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K (grey)</td>
</tr>
<tr>
<td>2</td>
<td>Epoxy resin</td>
<td>Baupox® 8200 (coloured)</td>
</tr>
<tr>
<td>3</td>
<td>Epoxy resin</td>
<td>Baupox® 400 + synthetic mineral filler CYDRT</td>
</tr>
<tr>
<td>4</td>
<td>Polyurethane varnish</td>
<td>Baupur® 600</td>
</tr>
</tbody>
</table>

### BAUPOX® PARKING SYSTEM

Specialist, rigid flooring system with a non-slip structure. Designed for interior use in garage and parking facilities exposed to loads typical for vehicular traffic – passenger car, technical and heavy vehicles.

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy resin</td>
<td>Baupox 100 K + quartz sand 0.4 - 0.8 mm</td>
</tr>
<tr>
<td>2</td>
<td>Epoxy resin</td>
<td>Baupox 100 K</td>
</tr>
</tbody>
</table>

### APPLICATION AREA

- office facilities
- commercial facilities
- amenity areas
- technical rooms
- utility rooms
- footways

### APPLICATION AREA

- vehicular traffic areas
- parking spaces
- down ramps
BAUPOX® EPOXY FLOORINGS
COLOUR CHART

STANDARD QUARTZ SAND COLOURS

BEIGE
01

GREY
02

YELLOW
03

GREEN
04

BLUE
05

RED
06

COLOURED QUARTZ SAND BLENDS

BEIGE
CQ 01/1

GREY
CQ 02/1

YELLOW
CQ 03/1

GREEN
CQ 04/1

BLUE
CQ 05/1

RED
CQ 06/1

BEIGE
CQ 01/2

GREY
CQ 02/2

YELLOW
CQ 03/2

GREEN
CQ 04/2

BLUE
CQ 05/2

RED
CQ 06/2
BAUPUR® system is a technology designed to meet the greatest challenges in protection of surfaces. This technology has been created for extreme working conditions, constantly in contact with aggressive chemicals. BAUPUR® system comprises combinations of polyurethane, epoxy and cement binders. Owing to their exceptional strength parameters combined with flexibility, they can be used in industrial facilities, where thermal shock, chemical aggression and mechanical stress are routine to the technological process.

Thanks to their UV and weather resistance BAUPUR® polyurethane floors are an excellent choice for outdoor applications. From balconies and terraces to ship decks. Thanks to high scratch resistance they are an excellent solution for sports facilities or public buildings.

The versatile application of BAUPUR® polyurethane floorings follows from their physical and chemical properties, which expands the flooring finishing options from smooth floors through non-slip surfaces to sports and decorative surfacing.

APPLICATION AREA
- food industry, meat and other processing plants
- slaughterhouses, dairies, smokehouses, salt works
- balconies and terraces
- pedestrian and cycle bridges and bikepaths
- sports fields and facilities
- schools, hospitals
- platforms and wharves
- ship decks

TECHNICAL BENEFITS
- indoor and outdoor use
- highest chemical, thermal and mechanical resistance
- high resistance to abrasion, dusting
- low thickness
- coating resistant to scratches and able to bridge cracks
- slip resistance

ECONOMIC BENEFITS
- excellent quality to price ratio
- short execution time
- easy to maintain and keep clean
- diverse finishing methods
- many possible applications
### BAUPUR® SL SYSTEM
Thin-layer self-leveling polyurethane floorings.

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
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<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K (grey)</td>
</tr>
<tr>
<td>2</td>
<td>Polyurethane resin</td>
<td>Baupur® 200 (coloured)</td>
</tr>
<tr>
<td>3</td>
<td>Polyurethane varnish</td>
<td>Baupur® 600</td>
</tr>
</tbody>
</table>

### BAUPUR® TRAFFIC SYSTEM
Non-slip polyurethane traffic surfacing.

<table>
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<tr>
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<th>Components</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® 100 ST or Baupox® 100 K (grey)</td>
</tr>
<tr>
<td>2</td>
<td>Polyurethane resin</td>
<td>Baupur® 200 (coloured)</td>
</tr>
<tr>
<td>3</td>
<td>Aggregate</td>
<td>Quartz aggregate or granules</td>
</tr>
<tr>
<td>4</td>
<td>Polyurethane resin</td>
<td>Baupur® 200 (coloured)</td>
</tr>
</tbody>
</table>

### BAUPUR® BAUCRETÉ 3K SYSTEM
Polyurethane-cement floorings for extreme operating conditions.

<table>
<thead>
<tr>
<th>No.</th>
<th>Layer</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Epoxy primer</td>
<td>Baupox® PRIMER</td>
</tr>
<tr>
<td>2</td>
<td>Polyurethane resin</td>
<td>Baupur® 3K</td>
</tr>
<tr>
<td>3</td>
<td>Polyurethane varnish</td>
<td>Baupur® 600 Finish</td>
</tr>
</tbody>
</table>

### BAUPUR® POLYURETHANE FLOORINGS
COLOUR CHART

![Colour Chart](Image)