

System sheet

Bautech CREATIVO™ FLOOR

Thin-layer, microconcrete decorative floor, 2-3 mm-thick

DESCRIPTION

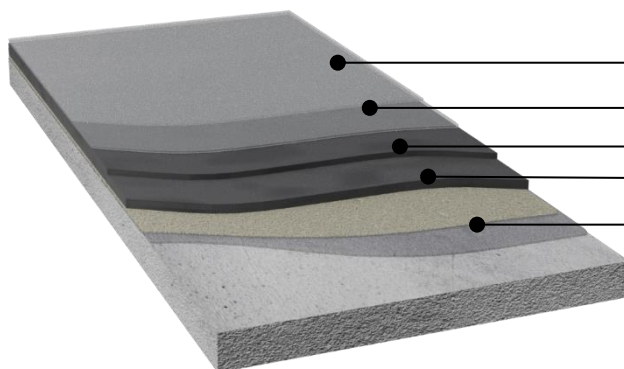
Bautech CREATIVO is a thin-layer system for the creation of exclusive floorings and decorative coatings. It contains polymers, hard aggregates, high-performance cements as well as appropriate admixtures and pigments.

APPLICATION AREA

- For making aesthetic, thin-layer decorative floors on new and renovated concrete screed, anhydrite surfaces, ceramic tiles, OSB, raised floors or stairs.
- For use on floors with underfloor heating.
- For indoor use: in flats, apartments, representative rooms and public facilities with heavy pedestrian traffic: shopping malls, shops, restaurants, clubs, offices, car showrooms, restaurants, airports, railway stations, in sacred buildings, etc.
- For use in wet areas *e.g. bathrooms, kitchens, SPA

* When applying in wet areas with high humidity levels, it is required to consult with Bautechs Technical Department.

SECTION



- Bautech BAUPUR 600™
- Bautech BAUPUR 600 PRIMER™
- Bautech CREATIVO BFINISH
- Bautech CREATIVO BASE
- Bautech CONTACTO™ (option-1) or Bautech BAUPOX 100 ST (option-2) + Quartz sand 0.2-0.8

BENEFITS

- High adhesion to substrate
- Thin-layered solution approx. 2-3mm
- Can be applied to many substrates
- Durable in areas with high traffic - resistant to wearing and scratching
- High flexibility, can be used on resilient substrates and raised floors
- Easy to keep clean
- Sunlight & UV resistant
- Wide range of colours
- For indoor use

APPLICATION CONDITION

- Substrate moisture - max. 4%
- Air humidity - max. 75%
- Substrate temperature - min. + 15 ° C.
- The substrate temperature should be at least 3°C above the dew point temperature.
- The ambient temperature during work and for the next 5 days should be between + 15 ° C and + 25 ° C.
- The surface should be protected against rapid moisture loss, loss of moisture due to e.g. high temperatures, drafts, solar radiation, etc.
- At least 3 days before laying Bautech CREATIVO floor, the floor heating should be turned off.
- All work should be carried out using appropriate tools. contamination.

ORDER OF OPERATION/LAYER	PRODUKT	COVERAGE
1. Option 1-Application of the bonding-priming layer (1 layer)	Bautech CONTACTO™	approx. 0.5kg/m ²
Option 2- priming with the epoxy resin primer with full broadcast	Bautech BAUPOX 100 ST Quartz sand 0.2-.08.mm	approx. 0.5kg/m ² approx. 3.0kg/m ²
2. Sanding and cleaning of BAUPOX 100ST	24 grit sandpaper	
3. Manual application of the 1st layer	Bautech CREATIVO BASE	approx. 1.0kg/m ²
4. Sanding and cleaning of surface	24/40/60 grit sandpaper	
5. Manual application of the 2nd layer	Bautech CREATIVO FINISH	0.5- 0.7 kg/m ²
6. Sanding and cleaning of surface	60/100/120 grit sandpaper	
7. Surface priming before sealing	Bautech BAUPUR® Primer	approx. 0.05/m ²
8. Surface sealing (2 layers)	Bautech BAUPUR 600®	approx. 0.07/m ²

SUBSTRATE PREPARATION

- The concrete substrate must be stable and provide appropriate load capacity for target static and dynamic loads – concrete of at least C20/25 (B25) class or cementitious screed, M20 class with a minimum stretching resistance of 1.0 N/mm².
- Substrate should be stable and durable, uniform, cleaned of dust, lime, grease, dirt, oil, wax, and residues of chalk, lime, emulsion and oil paints. Remove old coatings with insufficient adhesion and fill cavities.

WAY OF APPLICATION

It is recommended that the Bautech CREATIVO system be installed by professional contractors with appropriate knowledge and experience.

The system must be installed, according to the guidelines specified in the table above.

The substrate should be primed with Bautech CONTACTO or Bautech BAUPOX 100 ST epoxy resin with full sand broadcast.

Microconcrete decorative flooring Bautech CREATIVO (Bautech CREATIVO BASE, Bautech CREATIVO FINISH) consists of 2 components: A -powder component and B -liquid polymer.

To the measured amount of coloured liquid component B (polymer) slowly pour the appropriate amount of powder component A, mixing constantly with a mechanical mixer (approx. 3-4 minutes) until a homogeneous mass is obtained. Set aside for about 3 minutes and mix again just before application.

The workability time of the products in optimal conditions is 20-30 minutes. The amount should be prepared so that it is enough for the application in one working

cycle. Prepare the next portions of the material and apply as quickly as possible to combine it, while still wet, to the old layer. Do not use breaks while installing the microconcrete.

When the floor gets dry, sand it with sandpaper with a single-disc grinder. Sanding should be done according to the table above.

Too intensive sanding (e.g., to long standing time, inadequate sandpaper grit), especially dark colours, can cause discoloration of the floor.

Dust the whole floor after sanding.

Each layer of microconcrete decorative flooring (Bautech CREATIVO BASE, Bautech CREATIVO FINISH, Bautech CRE-ATIVO FINE FINISH) is made in a similar way.

After the last layer has been installed, the floor should be left to dry completely. After this time, the floor should be primed and sealed.

Colouring

Component B (polymer) should be coloured in accordance with the pigmentation table. For accurate dosing of pigments, a scale with a weighing accuracy of 0.1 g is needed in order to ensure colour uniformity. Colouring of component B should be performed in one cycle.

We recommend making a colour test directly on the construction site.

SPEAD OF CURE

At the temperature of +20°C and relative humidity of 60-70%: after 7 days from applying the varnish.

- pedestrian traffic – after 24 hours
- full resistance – after 7 days

NOTE: the coating is not resistant to metal wheel loads and acidic substances

STORAGE AND TRANSPORTATION

According to the technical data sheets of the products included in the system.

TOOL CLEANING

The tools should be cleaned with water immediately after use. Mechanically remove bonded material.

SAFETY MEASURES

All work must be carried out, in accordance with rules of the art and OHS standards and regulations.

Bautech BAUPOX® 100 ST components have MSDS safety data sheets with guidelines for work safety, storage, and disposal. Bautech CREATIVO BASE, Bautech CREATIVO FINISH products contain cement, which when mixed with water gives an alkaline reaction. Take measures to prevent dusting or splashing of the mortar. Do not inhale, protect eyes and skin. In case of contamination: rinse eyes immediately with plenty of water, wash skin with soap and water. Get medical advice if necessary. Keep out of the reach of children.

COLOR CHART

Bautech CREATIVO:

CRE01/grey, CRE02/light grey, CRE03/natural grey, CRE04/basalt, CRE05/red, CRE06/cream, CRE08/graphite, CRE10/yellow, CRE12/grey concrete, CRE13/brown, CRW14/green, CRW15/blue,

PACKAGING

The products included in the **Bautech CREATIVO WALL™**

- Epoxy resin primer:
Bautech BAUPOX 100 ST: 10 kg, 20 kg
- Bonding primer **Bautech CONTACTO™:**
8 kg, 15 kg
- Microconcrete **Bautech CREATIVO BASE:**
component A: 15 kg + component B: 5 kg
- Microconcrete **Bautech CREATIVO FINISH:**
component A: 5 kg + component B: 2 kg
- Liquid pigment: 350 g, 1000 g
- Primer **Bautech BAUPUR 600 PRIMER:** 1 l, 5 l
- Sealer **Bautech BAUPUR 600:** 1 l, 5 l
- Cleaning compound **Bautech BAUPUR 600 CLEAN:** 5 l

ADDITIONAL INFORMATION

Although the manufacturer guarantees the quality of the product, they have no influence on the method of its application and use.

All information contained herein refer to products stored and used in compliance with the recommendations, it is provided in good faith, and considers the current state of knowledge and the experience gained by Bautech®. The User is obliged to use the product in compliance with its intended purpose and Bautech's

recommendations. All the technical data provided are based on laboratory tests and trials. The practical measurement results may not be identical, resulting from conditions, location, method of application, and other circumstances beyond Bautech's control. If our employees provide different recommendations, they must be made in writing to be valid. All previous manuals will become invalid on the date of publishing this latest manual.

The surfaces may show differences in shade and appearance, depending on the conditions and method of work execution, drying conditions, etc. It should not be considered as a product defect and has no impact on the technical parameters and functional properties of the decorative plaster. Colour variations of the plaster can also be the result of a heterogeneous substrate. Use Bautech's colour templates as a guide. The final result may differ from the presented Bautech samples, depending on the method of manufacturing, sanding, and impregnation applied. If in doubt, perform your own tests or contact the Bautech's Technical Department.

BAUTECH Sp. z o.o. ul. Staszica 25, 05-500 Piaseczno 19	
EN 1504-2:2006	
Declaration of Performance 02-02-2019	
BAUTECH CREATIVO (BAUTECH BAUPOX 100ST, BAUTECH CONTACTO, BAUTECH CREATIVO BASE, BAUTECH CREATIVO COLOR FINISH, BAUTECH BAUPUR 600 PRIMER, BAUTECH BAUPUR 600) Intended use: Products for surface protection - coat. Protection against ingress (1.3), Moisture control (2.2), Physical resistance (5.1)	
Abrasion resistance	<3000 mg
CO ² permeability	Sd>50m
Vapour permeability	Class II
Capillary absorption and water permeability	<0.1 kg/m ² x h ^{0.5}
Impact resistance	Class I
Adhesion resistance	≥2.0 MPa
Reaction to fire	Br-s1
Skid resistance	Class II