



BAU - RESINA

Microcement Coating

BAUER



BAUER



One of a kind, every time

A modern alternative with deep roots in traditional architecture, elegant, with quick application and easy maintenance



Unique aesthetic material for wall and floor surfacing, thin thickness (2-4mm), cement and quartz based, in many colors to create a stable, high strength, cement screed final surface. It is a completely natural and environmentally friendly product, free of solvents and other harmful volatile substances. It has a soft and smooth finish making it ideal for modern and minimalist spaces.

Applicable to all types of hard surfaces. It can be applied to floors, walls, stairs, furniture, etc., indoors and outdoors. Since no joints are necessary, a continuous surface can be achieved and it can be combined with other materials such as wood, ceramic etc. A modern alternative with deep roots in traditional architecture, elegant, with quick application and easy maintenance.



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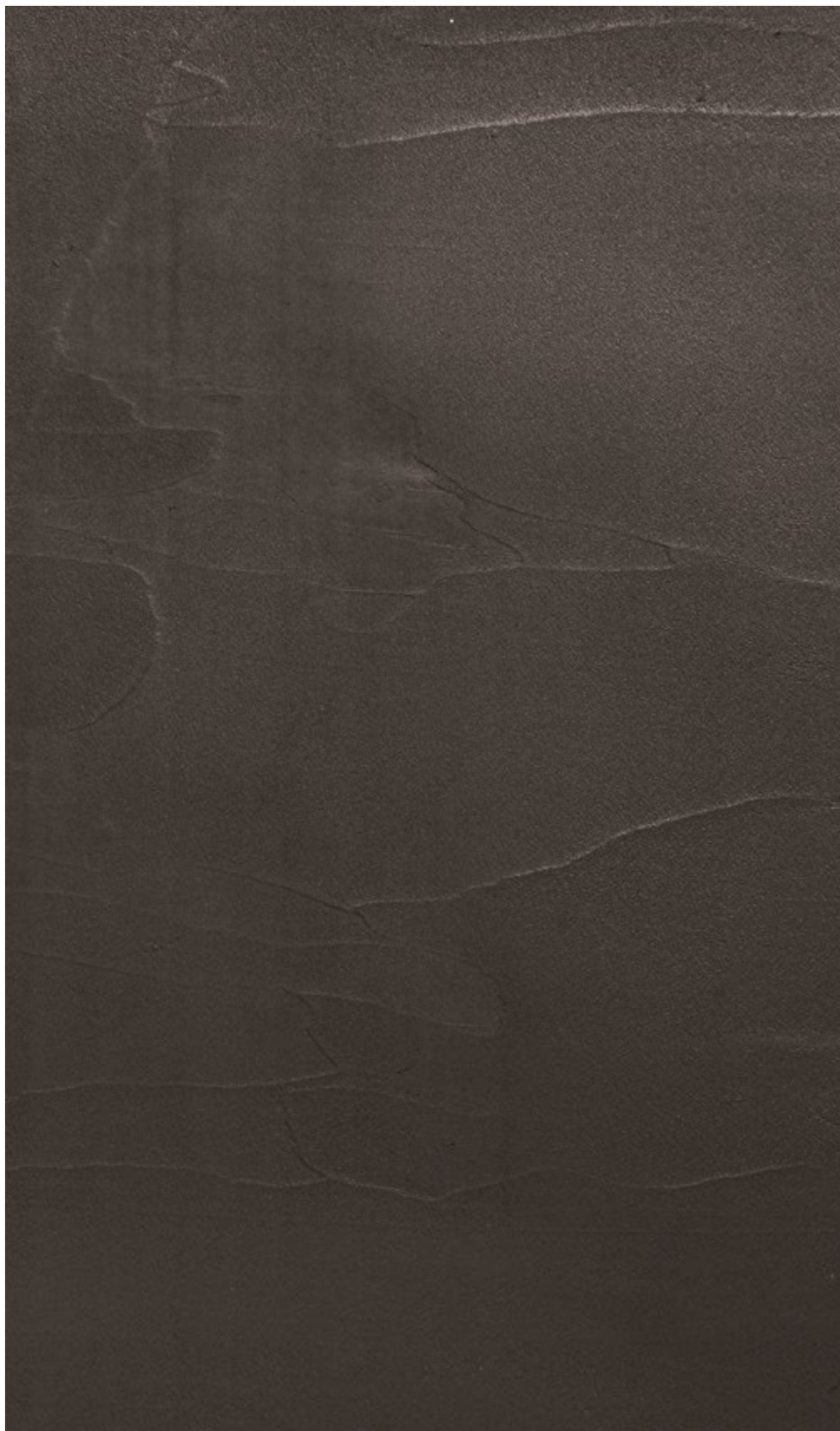
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Advantages not found in any other coating

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Easy clean

2

Minimum thickness. With thickness of about 2-4 mm, it spreads easily and does not require that doors are lifted up

3

Creates a smooth, continuous surface

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Great adhesion capacity on almost all surfaces (plaster, concrete, metal, wood, plastic, tiles, mosaics, natural stones, marbles, etc.)

5

Modern & elegant

6

Available in a wide variety of colors that can be easily combined creating unlimited design possibilities



Unique as an artwork

Easy application

The material is applied manually with a trowel, determining an exclusive surface texture. The floors and walls with BAU RESINA are always unique.

Renovate your home or workspace without much work! One of the biggest advantages of BAU RESINA is that it can be applied on old surfaces such as ceramics, mosaics, marble, etc. Restore your space without the disturbance or cost of traditional construction work.

**No need to remove
the existing material
to apply it on**

No rubble

**The renovation does
not require a building
permit**

**It does not require
long application
procedures**



Substrate preparation

Compatible substrates

Cement mortars

Concrete

Marble

Tiles

Cement boards

Plasters

Mosaics

All substrates must be stable, flat, sufficiently cured, uniform, durable, dry, without detached parts, without shrinking tendency or rising humidity while not subject to hydrostatic pressure.

Remove loose, detached parts, dirt, oils and dust. In terms of concrete substrate quality, it should have minimal tensile strength of 1,0 N / mm² and minimum compressive strength 25 MPa. Remove contaminants by scraping, sandblasting or with some other mechanical method.

After that, the surface must be dust cleaned with a highly absorbent vacuum cleaner. Repairs are required in case there are cracks or if the substrates are irregular. Repairs should be made using appropriate materials such as SUPERFIX 30, SUPERFIX 50, BETOFIX B70, etc.

BAU RESINA can bridge substrate cracks up to 0.2 mm wide. Considering the type of substrate, surfaces must be properly prepared by applying a coat of BAULAT, SUPERLAT LATEX

or SUPERGRIP primer diluted in water, to improve adhesion and reduce absorbency. SUPERGRIP is suitable for low porosity surfaces (old tiles, marbles, etc.) BAULAT or SUPERLAT LATEX are suitable for medium and high porosity surfaces.

****For all applications, it is recommended to use a special anti-alkali fiberglass mesh ensuring greater strength and minimizing the risk of cracks coming from the substrate.***



Substrate preparation



TECHNICAL SPECIFICATIONS

Form: Component A → mortar,
B → liquid

Colour: 112 colours

Potlife: ≥ 45 minutes (at 20°C)

**Application thickness on walls
per layer:** 2-3mm

**Application thickness on floors
per layer:** 2-4mm

Flexural strength:
≥8 N/mm² after 28 days

Compressive strength:
≥30 N/mm² after 28 days

WATER / MIXING RESIN

The material is prepared in a container by first pouring about 3/4 of the required amount of water and gradually adding the contents of the bag stirring with a low speed electric mixer.

Then add water until a uniform mixture is formed to reach the desired workability, ≈ 7,5 l / 1 23 kg bag.

To enhance adhesion and elasticity, use component B (resin) instead of water which is packaged in containers with a predetermined mixing ratio.

The mixing ratio of component B is adaptable. You can add less for a more thixotropic composition, depending on the application.

Adding too much water can reduce mortar strength. Regular stirring is recommended. Ready to use after mixing. Do not add any other ingredients (cement, aggregates, etc.) to Bau Resina.

Application

Instructions for use

Apply the mixture to the substrate using a flat metal trowel by pressing the surface. Apply the second coat when the first one is dry. If there is a risk of substrate cracking, apply a uniform layer of 4x4 cm frame, 160 g fiberglass mesh embedded in the first mortar layer. Then smoothen the surface with the metal trowel for its final leveling. After a few minutes, when the material starts to harden you can press again with the trowel for a smooth surface. To create shadows, wet the trowel with water before the second pressing, or create another texture depending on how the final layer will be pressed. The surface can be sanded before applying the varnish depending on the desired aesthetic result. After application, BAU RESINA must be cured with special treatment especially if applied under high temperature or increased air flow. Excessively

rapid evaporation of the water in the mixture can lead to a significant reduction of strength and hardness on the final surface or it can create cracks on the surface due to plastic shrinkage of the material. To avoid the above, spray the surface with water 6-12 hours after application and repeat the procedure every 4-5 hours for 2-4 days. Alternatively, after 6-10 hours of material application, apply the first coat of water-based BAUSIL varnish. Apply at least 2 coats of BAUSIL, each coat before the previous one is completely dry and not less than 200gr / m² consumption in total, taking care not to leave spots on the surface without varnish. For floors and surfaces with ponding water, apply an additional layer of polyurethane varnish HARDOX PU which should be applied after a few days (at least 2-3).

CONSUMPTION

1,4 kg/m²/mm or 4-5kg/m²

PACKAGING

23 kg paper bags &
7,4kg plastic pots

STORAGE

In sheltered areas protected from the sun and frost for at least 12 months in the originally sealed package.

Precautions / Safety

The product contains cement and is classified as irritant. Product application does not require special precautions other than the standard applied to all construction work, as wearing gloves and goggles, avoiding prolonged skin contact. In case of contact with eyes, rinse im-

mediately with plenty of water and if necessary, seek medical advice. Gather empty bags and plastic lids and throw them in the special waste bins. Consult the safety instructions on the product packaging. For more information, consult the material safety form.

NOTES

Technical data, properties, recommendations and information of BAUER products are provided in good faith and are based on the research and experience of the company as well as the fact that the products are stored and applied under normal circumstances. Given that each application case cannot be controlled by the company, the use of materials, the environmental and project conditions cause the user of the product to be solely responsible for the results. No liability under any legal relationship can be established against the company, based on the information listed here. The users of the products should always refer to the latest version of their technical brochures.



Advantages not found
in any other coating

Unique as
an artwork

Substrate
preparation



FLU 300

Self-leveling flooring screed suitable for laying ceramic tiles, ceramic granite, marble, parquet, plastic, and creating slopes



SUPERGRIP

High-tech one-component water-based primer suitable for enhancing adhesion of cementitious adhesives

SUPERLAT LATEX

German technology, acrylic copolymeric emulsion designed to enhance cement mortar properties and make renders and plasters durable, crack-resistant and waterproof



BAU-RESINA

Unique aesthetic wall and floor microcement coating, thin thickness (2-4mm), cement and quartz based in various colors to create a stable surface finish



BAU COLOR

Mineral oxide,
powder pigment
for coloring
plasters, concrete
and mortars



BAUSIL

Acrylic
varnish for
waterproofing
microcement
mortars



BAUMESH 160

High-strength
fiberglass mesh
with special
poymers
protective
coating, resistant
to alkaline effects
for total or partial
reinforcement,
steel coating, and
waterproofing
layers



HARDOX PU

Transparent
polyurethane
two-component
varnish, matt
or glossy, ideal
for protecting
cement mortars,
metal stone
surfaces, and
stones



BAUER



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