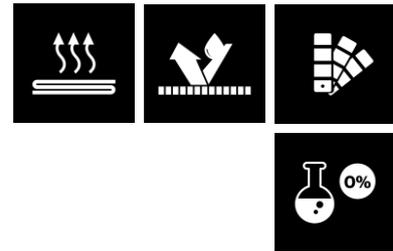


DesignCoat AC 1



- > decorative
- > abrasion-resistant
- > water-repellent
- > single-component
- > jointless



Product description

Decorative, single-component, water-repellent, seamless filler for wall and floor surfaces based on acrylic resin.

Can be filled with fine quartz sand to create slip-resistant surfaces.

Application is done in at least two layers, each approximately 1 mm thick, on interior wall and floor surfaces.

The abrasion-resistant, mechanically durable surface can also be used in wet areas, whereby the surfaces are always finished with a matte or glossy transparent sealant.

Delivery format

Container	Outer packaging	Pallet
10 KG / KE	-	52 KE

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Recommended tools

Slow-speed electric mixer, bricklayer's trowel, metal trowel, spatula, clean mixing bucket.

If the entire amount is not used, the opened container must be covered with PVC foil before being sealed with the original lid!

Processing

The material is applied in two layers using a steel trowel or a plastic spatula. When using a steel trowel, a characteristic decorative pattern appears on the surface. For a smoother finish, we recommend using a soft plastic spatula.

Coating technology

For the first layer, we recommend mixing the material with 10% Murexin quartz sand (grain size 0.1–0.5 mm). The material must be applied in a thin and even layer. The spatula should be held at an angle of approximately 45°, and care should be taken to remove excess material from the surface. After the first layer has cured (approx. 4 hours at 20°C and 50% relative humidity), the surface must be sanded with 120-grit sanding mesh.

Next, a second layer is applied to create the decorative appearance. If desired, this layer can also be mixed with 10% quartz sand.

Avoid application at temperatures above 30°C or below 10°C, or when relative humidity exceeds 70%. Good ventilation will speed up the drying time. It is important to avoid dust at the construction site. We recommend using protective shoe covers.

To protect the surface, we recommend the following products (please read the technical data sheets of the respective products carefully before installation):

For interior surfaces, we recommend using Murexin polyurethane or polyaspartic sealers.

CAUTION: Avoid application when the substrate is exposed to direct sunlight!

UV and chemical exposure can affect color tone, so it is always recommended to prepare a test area first.

Technical data

Chemical base	acrylic resin
Density	approx. 1,6 kg/dm ³
Viscosity	approx. 135 cps
Colour	mixed item
Consumption	first layer: approx. 600 g/m ² + 10% quartz sand 0.1-0.5 mm; second layer: 400 g/m ² ; Note: if a rough surface is required, the second layer can also be filled with 10% quartz sand 0.1-0.5 mm
Layer thickness	approx. 1 mm per layer
Drying time	approx. 4 hrs
Recoatibility	after approx. 12 hrs

Substrate

Suitable substrates

Lime-cement and cement plasters P Ic, P II, P III
Lime-cement and cement plasters P II & P III
Gypsum and ready-mix plasters P IV and P V
Gypsum building boards and gypsum plasterboards
Concrete, aerated concrete
Exposed masonry
Sound (stable) existing coatings

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.