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## NANTEN COLORPUR TOPCOAT



### Product description

3-component hybrid polyurethane–cement-based topcoat. The product is certified with the Eurofins Indoor Air Comfort Gold certificate.

- Matt finish
- Solvent-free
- Used as the topcoat in Nanten ColorPUR coating systems
- Coverage: 0.6–0.8 kg/m<sup>2</sup> depending on the application method



### Applications

- Food, beverage, and chemical industry facilities
- Breweries
- Dairies
- Highly demanding industrial environments

### Instructions

### Mixing

Liquid components A and B are poured into the mixing bucket and mixed for 30 seconds. Ensure that the containers are completely emptied before mixing. Once the liquid resin mixture is uniform, add half of component C and mix for approximately 1 minute until the mixture is homogeneous. Make sure the first half of component C is fully blended with the resin. Then repeat the process by adding the remaining half of component C. Mixing time may vary slightly depending on ambient and material temperatures. Once the mixture is smooth and free of lumps, bring the material to the application area without delay.

### Application instructions

Apply the coating with a rubber squeegee and finish by rolling.

### Notes

The components must be mixed mechanically. The ideal ambient and installation temperature range is between +12°C and +25°C. It is important to consider the effect of the dew point to avoid moisture formation in the primer.

### Waste handling

Storage and handling of waste

See the separate storage and disposal instructions <https://www.fescon.fi/en/material-bank>

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## Technical information

<b>Colour</b>	Grey, cream, yellowish brown, red, and green
<b>Package size</b>	Component A: 1.20 kg polyol emulsion, Component B: 1.25 kg polyisocyanate, Component C: 2 kg fillers, Total set: 4.45 kg Pigment: 0.3 kg
<b>Storage</b>	Unopened packaging: 6 months All components of the Nanten ColorPUR system must be stored under cover and off the ground, in a dry space at temperatures above +5°C and below +25°C. This is especially important for component C, which may cure and clump, rendering it unusable. Protect all components from freezing, including during transport. Direct sunlight or other strong heat sources can cause uneven temperature rises in stored materials. Such products must not be used until their temperature has stabilized, as uneven curing may occur during application.
<b>Mixing time</b>	Approx. two minutes
<b>Density</b>	1.5 kg/dm <sup>3</sup>
<b>Usage temperature</b>	+12°C...+25°C
<b>Usage time</b>	Once poured onto the floor: approx. 15 minutes. Working time shortens as temperature increases.
<b>Drying time</b>	Foot traffic 8 h, mechanical load 24 h, full chemical resistance 7 days
<b>Adhesion strength</b>	> 1.5 N/mm <sup>2</sup>
<b>Reaction to fire</b>	Bfl-S1
<b>Heat resistance</b>	-20°C to +70°C, with occasional exposure up to +90°C
<b>Relative air humidity</b>	< 80%
<b>Chemical resistance</b>	Class II
<b>Method of application</b>	Apply the coating with a rubber squeegee and finish by rolling

Remember to consult the Maintenance Instructions for Coated Floors and the product Safety Data Sheet on our website at [www.fescon.fi](http://www.fescon.fi), or request a copy by calling +358 9 274 7970. Although the technical details provided in this product description are based on our best knowledge and experience, the information above should always be regarded as indicative. The user is responsible for verifying the suitability of the product for the intended application. If the instructions are not followed, the user assumes full responsibility for any resulting damage or consequences. Limitation of liability, product use notes and restrictions: Please familiarize yourself with Fescon Oy's general terms of delivery and the design and work instructions related to the product.