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Updated 10.2.2026 Printed 2.6.2026

## NANTEN ACRYLIC SEALER 319



### Product description

Medium-viscosity, fast-curing, elastic topcoat for Nanten acrylic coating systems.

- Used as a topcoat in acrylic coating systems in areas subject not only to mechanical stress but also to thermal stress caused by hot and cold water
- The topcoat has good UV resistance and, thanks to its elasticity, is also suitable for outdoor use



### Applications

- Food and process industry facilities
- Commercial kitchens and laundries
- Outdoor areas
- Loading docks, waste collection shelters, and storage areas

### Instructions

### Base requirements and coating conditions

The acrylic surface to be coated must be clean and dry. The surface temperature must be at least +3°C above the dew point. Adequate ventilation must be ensured during application. Odours generated during the work can be reduced by using negative pressure ventilation.

### Mixing

Pre-mix the required amount of Nanten Acrylic Sealer 319. Assess the effect of temperature on the required amount of hardener and add the hardener to the mixing container. Continue mixing for approximately two minutes.

### Mixing ratio

Nanten Acrylic Hardener is used as the hardener, and the required amount depends on the working temperature.

1 dl of hardener = 64 g

+30°C 1 wt-%

+20°C 1.5 wt-%

+10°C 3 wt-%

+3°C 5 wt-%

### Coverage

Approx. 0.3–0.5 kg/m<sup>2</sup>, depending on the porosity and roughness of the substrate. A minimum of >0.3 kg/m<sup>2</sup> per application must be used to ensure proper curing.

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## **Application instructions**

Thoroughly mixed Nanten Acrylic Sealer 319 is poured onto the floor in a bead and applied using a short-nap roller or a rubber squeegee. Once the topcoat has dried, a second coat may be applied if necessary.

## **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>	Colorless. Can be tinted with suitable color pastes or by pigmentation.
<b>Package size</b>	20 kg metal container and 180 kg drum
<b>Storage</b>	+5°C to +25°C, shelf life up to 6 months. Must be stored in a warm location in tightly sealed original containers.
<b>Mixing time</b>	Approx. two minutes
<b>Density</b>	0.98 kg/l, DIN 51757
<b>Usage temperature</b>	+3°C...+30°C
<b>Usage time</b>	Once poured onto the floor: approx. 15 minutes. Working time shortens as temperature increases.
<b>Drying time</b>	Recoat after approx. 60 minutes. Fully loadable after approx. 2 hours.
<b>Adhesion strength</b>	> 2.0 MPa
<b>Tensile strength</b>	MPa
<b>Viscosity</b>	(+25°C): 160-200 mPas
<b>Thinner</b>	Do not dilute
<b>Method of application</b>	Applied with a rubber squeegee or mohair roller
<b>VOC content</b>	< 0 g/l EU VOC 2004/42/EC (Cat A/j) max. 500 g/l (2010)

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.