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NANTEN ACRYLIC 319 M1



Product description

Medium-viscosity, fast-curing, elastic, M1-classified acrylic topcoat. Low-emission.

- Used as a topcoat in acrylic coating systems in areas subject to mechanical stress and exposure to cleaning chemicals
- Offers excellent wear resistance and UV stability
- Topcoat for the Nanten 20N-M1 system

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 319-M1. 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. 0.4–0.5 kg/m^2, depending on the porosity and roughness of the substrate. A minimum of >0.3 kg/m^2 per application must be used to ensure proper curing.

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Application instructions

Thoroughly mixed Nanten Acrylic 319-M1 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

Colour	Light purple, can also be tinted with compatible color pastes
Package size	20 kg container and 180 kg drum
Storage	+5°C to +25°C, shelf life up to 6 months. Must be stored in a warm location in tightly sealed original containers.
Mixing time	Approx. two minutes
Density	0.98 kg/l, DIN 51757
Usage temperature	+10°C...+30°C
Usage time	Once poured onto the floor: approx. 15 minutes. Working time shortens as temperature increases.
Drying time	Recoatable after approx. 60 minutes. Fully loadable after approx. 2 hours.
Adhesion strength	> 2.0 N/mm^2
Strain at failure	6 %
Reaction to fire	Cfl-s1
Exposure class	BC5-MEC (by 54/BLY 12)
Viscosity	(+25°C): 100 mPas, DIN 53018
Chemical resistance	Class I
Thinner	Do not dilute
Method of application	Applied with a rubber squeegee or mohair roller
VOC content	< 0 g/lEU 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, 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.