



NANTEN

ACRYLIC SEALER 319-M1

Surface sealer for acrylic coating methods

PRODUCT TYPE

Surface sealer for acrylic coating methods. Suitable for majority of environments in production, kitchen and storage premises of various industries.

USAGE

It is used as surface sealer for acrylic coating compounds for rooms that are exposed to mechanical stress, as well as stress caused by detergents. Has good wear and UV light resistance. Surface sealer for Nanten 20N-M1 methods.

PROPERTIES

Medium viscous fast-curing elastic surface sealer. Low emission.

TECHNICAL DATA

COLORS

Light purple in color. Can be tinted with suitable pastes.

COVERAGE

Acrylic compound requires 0.4-0.5kg/m² depending on the porosity of the substrate and the roughness of the surface. Use > 0,3kg/m²/application to ensure a cure reaction.

MIXING RATIO

Use Nanten Acrylic Hardener as the hardening agent; quantity of the hardener depends on the processing temperature.

1 dl hardener = 64 g
 +30°C 1 weigh-%
 +20°C 1.5 weigh-%
 +10°C 3 weigh-%
 +3°C 5 weigh-%

PACKAGE

Supplied in 180kg barrels and 20kg packages.

POT LIFE (+20°C)

About 15 minutes after spreading on the floor. With higher temperatures the time is shorter.

Application temperature:

+10°C...+30°C

DRYING TIME (+20°C)

Can be varnished again after about 60 minutes. Fully loadable after about 2 hours.

APPLICATION METHOD

Spread with rubber trowel or mohair roller.

DILUTION

Do not dilute.

CLEANING OF TOOLS

Nanten acrylic detergent (MMA).

STORAGE

+5°C ...+20°C, max. storage time 6 months. Store in a warm room, in tightly sealed original containers.

VOC (calculated)

VOC in working mixture < 0g/l. EU VOC 2004/42/EC (cat A/j) max. 500g/l (2010). Very low VOC emission/AgBB and TVOC/M1.

RESILIENCE CLASS

BC5-MEC (by 54/BLY 12)

Density (+25°C): 0,98kg/l, DIN 51757

Viscosity (+25°C) about 100 mPas, DIN 53018

Pot life (+20°C): 10-13min

Adhesive strength: >1,5/mm²

Breakage elongation: 6 %

DIRECTIONS FOR USE

REQUIREMENTS TO THE SUBSTRATE AND COATING CONDITIONS

The acrylic surface to be varnished must be clean and dry. Surface temperature should be at least 3°C above dew point. During the work ensure good ventilation. Smell generated during the work can be removed by means of underpressure.

MIXING THE COMPONENTS

First mix the required quantity of Nanten Acrylic Sealer 319-M1, estimate the effect of temperature on the required quantity of hardener and add the hardener into the mixing container. Continue mixing for about two minutes.

SURFACE SEALING

Mix Nanten Acrylic Sealer 319-M1 properly, pour to the floor in a strip and spread with short-pile roller or rubber trowel. After the surface sealer has dried, a second treatment is applied if necessary.

APPLICATION SAFETY:

See www.nanten.fi/products/safety_data_sheets.

CE
Nanten Oy Teollisuustie 6, FI-04300 Tuusula
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1119-CPD-0831a
EN 1504-2:2004
Betonirakenteiden suojaus- ja korjausaine- Pinnoite
Akryyli Sealer 319-M1 on testattu CE - merkityissä Nanten Akryylinnoitusmenetelmissä

Be sure to read the Coated Floor Care Instructions and the product safety data sheet on our website www.nanten.fi or order it by phone number 09-2747970.

Although the technical specifications of the product description are based on our best knowledge and experience, all the above information must be taken as a guide in all cases. The user must ensure the suitability of the product for the application area. If the instructions are not followed, the user is solely responsible for the possible damages and consequences.