Technical Data Sheet

Lack 200 M

General Description

NM Lack 200 M is a matt water-borne acrylate dispersion lacquer that is intended for use on surfaces both outside and inside. The adhesion is good for concrete, asphalt, wood, plastic and ceramic materials.
NM Lack 200 M is easy to apply and dries quickly. As it is waterborne, it is also gentle on the environment. **NM Lack 200 M** must be stirred well before use.

Use

Paint AP Lack 200 M is open to diffusion, which makes it possible to paint on damp surfaces and on surfaces where there is a risk of moisture.

Paint AP Lack 200 M is intended for surface varnishing of smooth surfaces both indoors and outdoors. **Paint AP Lack 200 M** protects and reduces yellowing on surfaces that are exposed to direct sunlight.

Paint AP Lack 200 M has very high scratch and heel mark resistance, but is not recommended as a varnish where car tires and similar rubber occur.

Dense substrates that are constantly under water are not recommended to be coated with **Paint AP Lack 200 M**.

Surface Preparation

Concrete surfaces must be at least 14 days old and a surface tensile strength of at least 1.5 MPa.
Cement laitance and loose particles should be removed followed by vacuum cleaning.
All types of fats and oils are removed in an appropriate manner.
In general, dirty surfaces should be washed. Loose paint and wood residues must be scraped, sanded or brushed off. Smooth surfaces should be roughened with a sandpaper before painting. If there are thick and cracked paint layers, the paint must be removed. Matt down hard and shiny paint surfaces.

Application

Paint AP Lack 200 M is applied with a brush, mohair roller or sprayed.

During drying, good air exchange is required so that the water in the lacquer can evaporate. If the air exchange is too poor, the relative humidity over the lacquer layer will be so high that water does not evaporate, resulting in the lacquer not drying out.

The lowest temperature on the surface before coating and during drying is + 10 ° C. Relative humidity during drying should not exceed 80% in the air.

Therefore, check the temperature and the relative humidity during the coating work.

Tool cleaning

Wipe off any excess paint from the tools before cleaning with water. Close the opened jar tightly to prevent the surface from drying in the jar. Liquid lacquer residues must be left at the local environmental station. Well-emptied paint cans are left at the nearest recycling station.

NILS MALMGREN AB

Quality certified since 1990

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Typical Properties

Name:	Paint AP Lack 200 M
Density:	1041 kg/m^3
Viscosity:	0.2 Pa·s
Dry content:	35 %
Drying time, 23°C 50 % RF:	60 minutes
Recoatable at 23°C and 50 % RF:	2 hours
Lowest temp. for application:	+10°C
Adhesion to NM Grundering 560:	> 7 MPa
Adhesion to concrete:	> 4 MPa (concrete fails)
Adhesion to tiles:	> 4 MPa (tiles fails)
Internal tensile strength:	10 MPa
Gloss:	30
VOC:	71 g/l
Limit value (Kat A/d): 130 g/l (2010)	
Water vapour diffusion by 100 µm layer:	1 · 10^4 s/m 15 MPa·s·m^2/kg
S_d-value:	0.27 m
Consumption:	ca 0.1 kg/m^2/coat 7 – 9 m^2/litre and coat
Recommended consumption:	At least 2 coats.
Normal packing:	3 kg

Tools are cleaned in water.
Store frost-free.

Cleanability:	Do not use alcohols when cleaning.

Tensile strength: ISO 527
Water vapour diffusion: SS-EN 12752:2006
Gloss: ISO 2813:2014

Chemical resistance

Assessment according to:

- \- Not recommended
- \+ Works for a short time
- ++ No problems

Petrol	+
Ethanol, 20 %	+
Engine oil	++
Sodium hydroxide, 10 %	++
Hydrochloric acid, 10 %	+
Water	++
Coffee	+
Coca-Cola	++

Note

Quality assurance:
In order to assure the quality of application, we have a form where important information is documented. The form is available from Nils Malmgren AB, telephone +46 303 936 10

Disclaimer

This product's technical specifications are developed by experience in field and laboratory by us.
Fully cured will take place at seven days at +23°C and 50 % RF.

We reserve the right to change products as well as data. Current data sheets are available at our website and with us. We cannot assume responsibility for use in areas that we do not know. The user shall always evaluate products for their intended use and we guarantee only the material properties. For every product we offer reference objects separately.

Produkten bedömd i SundaHus Miljödata

Utg: 2021-04-14
Ers: 2021-04-14
Rev:2021-10-25

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