



WATER BASED EXTERIOR PRODUCT GROUP

NIPPON PAINT NEON SILK PURE ACRYLIC SILK-MATT EXTERIOR PAINT

PRODUCT DESCRIPTION

100% pure-acrylic, non-fading, water-repellent top-coat exterior silk-matt paint.

SPECIFICATIONS

Thanks to the special pigments and binding system of Nippon Paint Neon Silk, its vivid organic colors are as resistant to fading as any inorganic color. With its silicone-modified binding system that ensures a high level of UV resistance, both its colors and its colors' brightness are long lasting. Nippon Paint Neon Silk also offers higher performance compared to other exterior paints particularly thanks to its special formula. Since it includes a high rate of binder, it creates a CO₂ (carbon dioxide) barrier, and it can safely be used on exposed concrete surfaces particularly.

With Nippon Paint Neon Silk, surfaces gain a silky-matte shine. Colors are more vivid and surfaces are more aesthetic with this optimal sheen. In addition, Nippon Paint Neon Silk offers painters ease of application and creates an elegant texture on exterior surfaces. Nippon Paint Neon Silk prevents corrosion, protects concrete, and does not absorb any external water thanks to its CO₂ impermeability. The technology utilized by Nippon Paint Neon Silk enables the paint to stretch as the surface does, preventing the formation of invisible micro-cracks over the surface.

The wall's internal moisture is removed so that any peeling of the paint is prevented. As the formula has been developed for the severest climatic conditions, the paint comes as integrated completely with the surface, lasting for years. It is easy to apply due to its spreading easily over the surface. Saves both time and labor. No splashing and dripping during application.

APPLICATION SURFACES

Nippon Paint Neon Silk is used on brute concrete, acrylic-based surfaces, and faded self-supporting (secure) formerly-painted ready-plaster type surfaces.

APPLICATION

Ensure the application surface is firm, dry, clean and self-supporting. Remove any stains, dust, molding grease, and loose layers. Nippon Paint Neon Elastic Texture is brighter in comparison to normal exterior matte paints. Therefore, it is necessary to prepare the surface meticulously so as to prevent the top coat from reflecting any surface defects. When surface correction and repairs are required, Nippon Paint Exterior Paste must be used in accordance with the product label information. However, this product is not for use on mineral coatings or on top of cement based surface corrections, over other repairs or other coating materials.

Nippon Paint Acrylic Exterior Primer should be applied to the surface before applying Nippon Paint Neon Silk. After the primer dries, apply Nippon Paint Neon Silk with a brush and a roller in minimum two coats or by spraying in one coat. Ensure that the surface temperature is between +5°C and +30°C during application. It is required to wait 6 to 8 hours between the application of the primer and between each coat of paint. During this time, the surface should be protected from frost and rain. Observe the setting period (28 days) on concrete, brute concrete, new plastered surfaces, and clean the loose plaster particles with scraper or similar methods. Correct and repair the surface if required.

During painting and drying periods, the surface also needs to be protected from both rain and frost. Application should not be conducted in windy conditions or under direct sunlight. After the application, all used tools should be cleaned with water.

This paint should not be applied directly on lime surfaces or loose layers. Furthermore, the surface should be acrylic-based to apply Nippon Paint Neon Silk on a thermal insulation system. Prefer shady walls if required to be applied in hot weather conditions above +30°C and abstain from application between 11:00 AM and 04:00 PM.

Our products should be applied on substructure surfaces that are built in line with General Construction Specifications dated 30.06.2007 and with no. 26568.

BETEK BOYA VE KIMYA SANAYİ A.Ş.

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CAUTION: Salt efflorescence and whitening may occur on the paint surface when the paint is applied before the cement-based materials under the paint are fully dried or after the surface is exposed to weather events such as rain etc. before painting. Therefore, the setting periods of cement-based materials should be considered and the surfaces exposed to dew, frost and rain should be allowed to dry before the application.

Airless Spraying

Pressure: 140 bars

Nozzle Angle: 50°C

Nozzle Size (inch): 0.019"-0.021"

Thinning: 5%

THINNING

Thin by a maximum of 15% using clean water. During exterior painting works, special attention should be paid to diluting products in a constant ratio in order to prevent differences in color tones.

DRYING TIME (at 20°C, 65% RH)

Touch Dry: 1 to 2 hours

Second coat application: 6 to 8 hours

Final Dry: 24 hours

CONSUMPTION

6-10 m² single coat per liter depending on the type, absorbency and structure of the application surface. Perform a controlled sample run to estimate the precise consumption amount.

STORAGE

It can be stored in its unopened package for 3 years, in a cool and dry place, away from frost and direct sunlight. Close the lid air-tight immediately after application.

PACKAGE

13.5 L, 2.5 L, 1.25 L

Conforms to TS 7847



Conforms to the G communique

Gloss: Class G2

Dry Film Thickness: Class E2

Granule Size: Class S1

Water Vapor Transmission Rate: Class V2

Water Transmission Rate: Class W3

Crack Coverage Capacity: Class A0

Carbon Dioxide Permeability: Class C0

Pos. No.

15.540.1303

Rate No.

10.300.1011

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This technical sheet is prepared based on laboratory data at normal conditions. Consult technical personnel for details that are not provided hereinabove. Otherwise, the manufacturing company cannot be held responsible for failures that may arise due to lack of knowledge. Our company reserves the right to change the information provided hereunder.

Where necessary, please refer to Material Safety Data Sheets for more information on health, safety and handling risks, and precautions associated with the products.

This product is manufactured by Betek A.Ş. with certificate of conformity to the standards TS EN ISO 9001, TS EN ISO 14001, TS 18001, TS EN ISO 50001, TS ISO 10002.

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