



## WATER BASED EXTERIOR PRODUCT GROUP

### NIPPON PAINT NEON ORBIS SILK MATT EXTERIOR PAINT

#### PRODUCT DESCRIPTION

Nippon Paint Neon Orbis is a water-based, Silk Matt bright paint with good covering properties, which contains 100% pure acrylic binder and has been developed exclusively for exterior surfaces.

#### SPECIFICATIONS

It provides high adherence, and resists atmospheric conditions. Does not drip.  
It can be colored with Nippon Paint Coloring Machine.

#### APPLICATION SURFACES

Can be applied on plaster, rough plaster, comb mosaic, concrete, exposed concrete, concrete board, MDF, OSB, and even old painted ready-plaster type surfaces that can still support themselves even though they may have lost their color.

#### APPLICATION

The surface should be stable, dry, clean, and self-supporting. When surface correction and repairs are required, Nippon Paint Exterior Paste must be used in accordance with the product label information. If it is to be applied directly on very absorbant surfaces such as aerated concrete, the surface should be humidified thoroughly (except winter).

Nippon Paint Waterfront Paint Primer is recommended before Nippon Paint Orbis application. After the primer dries, apply Nippon Paint Orbis 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. Observe the setting period (28 days) on concrete, brute concrete, new plastered surfaces, and clean the loose plaster particles with scraper or similar methods.

During painting and drying periods, the surface needs to be protected from both rain and frost. Application should not be conducted in windy conditions or under direct sunlight. This paint should not be applied directly on lime surfaces or loose layers. After the application, all used tools should be cleaned with water. There must be 6 to 8 hours waiting time between the primer and each paint coat. 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.

**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.

**THINNING:** Use fresh water to thin by 5% where required. During high volume exterior painting works, the products should be diluted in the same ratio in order to prevent differences in color tone

#### Pressure For Airless Spraying: 140 bars

Nozzle Angle: 50°C

Nozzle Size (inch): 0.019"-0.021"

Thinning: 5%

#### DRYING TIME (at 20°C, 65% RH):

Touch Dry: 1 to 2 hours

Second coat application: 6 to 8 hours

Final Dry: 24 hours

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### CONSUMPTION

8-10 m<sup>2</sup> 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



Conforms to TS 7847



G tebliğine uvaundur.

Conforms to the G communique

TSE

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.

Y.25.001/03

### Rate No.

04.553/08

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.**