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OMEGA
Boya ve Kimya Sanayi Tic. Ltd. Şti.

2131-1201 WROUGHT IRON TOP COAT

Resin Type

Alkyd

Description

Wrought Iron Top Coat, is a anticorrosive speciality, air-drying, **semi gloss** top coat.

Characteristics

Applicable in immersion applications,
Primer application is not necessary in top coat applications,
High covering,
Doesn't settle down in immersion applications,
High corrosion resistant.

Fields Of Use

Wrought Iron Top Coat can be applied easily on all the related surfaces as it has been designed **especially** for the metal surfaces used in iron production.

Application

Special Application:

Wrought Iron Top Coat (2131-1201) is mixed well preferably by drilling motor after its package has been opened. Wrought Iron Thinner (2151-1401) is added at the recommended rate for ensuring application viscosity of the mixture. (Application viscosity should be adjusted as 20" - 22" / DC4 / 20°C in spraying applications, and as 30" - 35" / DC4 / 20°C in the immersion applications.) It is recommended that the top coat should be applied on the recommended primer so that dry film thickness of 50 - 60 µ. can be obtained.

Notes:

While Application:

Atmospheric temperature should be between 5 °C -50 °C
Surface temperature should be between 10 °C -30 °C
Relative humidity should be < 85 %

Important Reminders:

Required ventilation should be ensured in the closed areas for preventing any health problem or fire risk.

Upon completion of the work, all the coating equipment used during application should be cleaned well with (2151-1401) Wrought Iron Thinner.

After application, the surface should not be contacted with water for minimum 24 hours.

24-hour waiting is required before use of the coated surface for ensuring complete curing.

Technical Info

Wrought Iron Top Coat

Product Code

2131-1201

Color

Black,White, Green,Blue

Gloss

Semi Gloss

Density

1,25 ± 0,05 g/ml



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Solid, %

By Mass 65 ± 3
By Volume 50 ± 5

Drying Time

Dust Dry 5 – 10 min. / 20°C
Touch Dry 20 – 30 min. / 20°C
Montage Dry 1 – 1,5 h / 20°C
Complete Dry 24 Hours

Mixing Ratio

By Mass 2 Portion Wrought Iron Top Coat (2131-1201)
1 Portion Wrought Iron Thinner (2151-1401)
The mixture gives the application viscosity.

Application Viscosity 20" - 22" / DC4 / 20°C (spray - airless)
30" - 35" / DC4 / 20°C (immersion)

Thinner To Be Used 2151-1401

Application Methods Immersion, Spraying (spray - airless)

Recommended Dry Film Thickness **50 - 60 µ**

Theoretical Application Area 8,5 – 10 m² / lt (35 - 40 µ dry film thickness)

Package Life Minimum 1 year for the unopened package.(at room temperature)

Flash Point < **35 °C**

Health and Security Principles If Wrought Iron Top Coat is used inconveniently, it may be harmful to the health and may cause fire risk. Therefore, necessary precautions should be taken during storing, carriage and use.

General Warnings Use with mask only in the well-ventilated areas and do not inhale.

The aforementioned product properties have been arranged according to the cutting-edge technology results and laboratory test results and they are based on recommendation. The described conditions and dominant local status and other materials to be used should certainly be taken into consideration during use of the product.

For achieving the best results, the convenient devices and application properties should be taken into account.

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