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OMEGA
Boya ve Kimya Sanayi Tic. Ltd. Şti.

1331-1301 CELLULOSIC TOP COAT

Resin Type

Alkyd

Description

Cellulosic Top Coat is a single component, very fast drying, cellulosic resin based **gloss** top coat.

Characteristics

Gloss appearance,
Adheres well to the surface,
Dries very quickly.

Fields Of Use

Cellulosic Top Coat, can be used easily as a top coat on machinery manufacturing such as truck mounted equipments and agricultural machinery also on surfaces at furniture and advertising sectors which the aforementioned properties are expected.

Application

Before Cellulosic Top Coat Application,

1311-1101	Cellulosic Primer
1411-1101	Epoxy Primer
1411-1102	Epoxy Zinc Phosphate Primer
1411-1103	Epoxy Zinc Rich Primer
1411-1104	Epoxy HB Primer
1411-1114	Epoxy Corrosion Inhibition Primer
1412-1201	Solvent-free Epoxy Primer
1421-1104	Epoxy HB Mid Coat
1421-1108	Epoxy Surface Tolerant Mid Coat
1421-1109	Epoxy Miox Primer
1421-1208	Epoxy Surface Tolerant HB Mid Coat
1811-1103	Inorganic Zinc Primer

One of above should be applied on the surface as primer.

If wet-on-wet coating is preferred; minimum 30-minute waiting is required if an air drying primer is chosen or minimum 2-hour waiting is required if an epoxy primer is chosen.

Top Coat Appliation:

Cellulosic Top Coat (1331-1301) is mixed well preferably by drilling motor after its package has been opened. Cellulosic Thinner (1351-1401) is added at the recommended rate for ensuring application viscosity of the mixture. (Application viscosity should be adjusted as 17" - 20" / DC4 / 20°C in spraying applications, and as 24" - 39" / DC4 / 20°C in the brush and roller applications.) It is recommended that the top coat should be applied on the recommended primer so that dry film thickness of minimum 50 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.



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When application of multiple coats without wet-on-wet application is required, a light sanding should be made between coats if 60 hours has passed.

Upon completion of the work, all the coating equipment used during application should be cleaned well with 1351-1401 Cellulosic Thinner. After application, the surface should not be contacted with water for minimum 36 hours.

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

Technical Info

Product Code

1331-1301

Color

Produced by demand.

Gloss

Gloss

Density

1,10 ± 0,05 g/ml

Solid, %

By Mass

62 ± 2

By Volume

52 ± 3

Drying Time

Dust Dry

4 – 6 min / 20°C

Touch Dry

15 – 18 min / 20°C

Montage Dry

50 – 60 min / 20°C

Complete Dry

24 Hours

Mixing Ratio

By Mass

10 Portion Cellulosic Top Coat (1331-1301)

1,5 Portion Cellulosic Thinner (1351-1401)

The mixture gives the application viscosity.

Application Viscosity

17" - 20" / DC4 / 20°C (spray - airless)

24" - 39" / DC4 / 20°C (brush - roller)

Thinner To Be Used

1351-1401

Application Methods

Brush, Roller, Spraying (spray - airless)

Recommended Dry Film Thickness

50 µ

Theoretical Application Area

10,5 m² / lt (50 - 60 µ dry film thickness)

Package Life

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

Flash Point

< 21 °C

Health and Security Principles

If Cellulosic 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.

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REV NO: 02 1331-1301 Cellulosic Top Coat (Gloss) Sayfa 2/3 FORM NO: 330-RP 0703



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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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