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OMEGA
Boya ve Kimya Sanayi Tic. Ltd. Şti.

2031-1301 FLASH OFF TOP COAT

Resin Type

Alkyd / Melamine

Description

Flash-off Top Coat is a one-component, flash-off drying, alkyd/melamine resin based **semi gloss** top coat.

Characteristics

High adhesion property,
Can be used in wet electrostatic system,
Has a flexible structure,
Gloss appearance,
Can be applied directly to the metal (optional).

Fields Of Use

Flash-off Top Coat, is developed for wet-on-wet application at high production rate industries because of its time and heat saving features. It can easily be used as a general purpose top coat especially on metal surfaces.

Application

Before Flash-off Top Coat Application,

1063-1101	Water Based 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	Solventfree Epoxy Primer
1421-1109	Epoxy Miox Primer
2011-1101	Flash-Off Primer

One of above should be applied on the surface as primer and minimum 10-minute waiting is required if flash-off primer is chosen or minimum 4-hour waiting is required if an epoxy primer is chosen. Flash-off Top Coat can be applied directly to the metal (optional).

Wash Primer should have been applied on the surface if the surface is galvanized or aluminum.

Top Coat Application:

Flash-off Top Coat (2031-1301) is mixed well preferably by drilling motor after its package has been opened. Flash-off Thinner (2051-1401) is added at the recommended rate for ensuring application viscosity of the mixture. (Application viscosity should be adjusted as 18" - 20" / DC4 / 20°C in spraying 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 %



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Important Reminders:

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

If it is preferred that primer and topcoat are applied together and wet-on-wet (recommended application); 10-15 minute waiting is required as a **pre- volatilization time**.

After this process, primer and top coat together should be oven-dried **at 120 °C for 30 minutes** or **at 140 °C for 20 minutes** considering the system specifications.

Upon completion of the work, all the coating equipment used during application should be cleaned well with Flash-off Thinner(2051-1401).

Technical Info

Product Code

2031-1301

Color

Produced by demand.

Gloss

Gloss

Density

1,15 ± 0,05 g/ml

Solid, %

By Mass

66 ± 2

By Volume

55 ± 3

Drying Time

30 min. / 120°C

20 min. / 140°C

Mixing Ratio

By Mass

10 Portion Flash-off Top Coat (2031-1301)

1,5 Portion Flash-off Thinner (2051-1401)

The mixture gives the application viscosity.

Application Viscosity

18" - 20" / DC4 / 20°C (spray - airless)

Kullanılacak Tiner

2051-1401

Application Methods

Püskürtme (spray - airless)

Recommended Dry Film Thickness

50 µ

Theoretical Application Area

11 m² / lt (50 µ dry film thickness)

Package Life

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

Flash Point

< **42 °C**

Health and Security Principles

If Flash Off 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.

OMEGA BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ

Akse Mh. 547 Sk. No:6 Çayırova / Kocaeli / TÜRKİYE

Tel: 90 262 6582454 (pbx) Faks: 90 262 6582404 Web: www.omegaboya.com E-mail: omega@omegaboya.com
REV NO: 02 2031-1301 Flash-Off Top Coat 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.

The information in this document shall remain effective till the next edition. The right to modify the information without notification in advance is reserved.