

# ECOMET SOLVENT BASE TOP COAT SERIES

## ECOMET TOP BLACK - SB

Solvent Based hydrophobic topcoat sealer for base coats like Ecomet Corundum, Zinc Plating and other Zinc based surfaces. Single pack coating system can be directly applied by Dip Spin or Spray application.

Its unique coating system provides excellent barrier protection for Base coat & provides highest anti corrosion resistance along with mechanical properties. Various Cof values can be provided in this sealer top coat.

### Bolt:



### Packaging:



### Characteristics:

- Colour : Black -Semi Glossy (RAL 9005)
- Application viscosity : 25 – 30 sec. on Zhan cup 2 for Dip-Spin & 20 – 25 for Spray application
- Thickness : 8-12  $\mu$
- Application Method: Dip-Spin / Spray
- Thinner : Ecomet Solvent 2756 AL
- Curing : 20-30 min. at 180 - 190 deg C
- Cof : 0.12 - 0.18  $\mu$ tot (Customizable)

### Recommended Base Coat:

ECOMET Corundum, Zinc Flake Base Coat, Zinc Plating

### After application on substrate:

No	Name of Test	Procedure	Results	Comment
<b>PHYSICAL TESTS</b>				
01	Coating Layer Thickness		7 - 10 Micron	By Thickness Gauge
02	Adhesion	ISO-10683	Pass	7Nm/12mm <sup>2</sup>
03	Hardness of Film	Pencil Test	>4 H	
<b>CHEMICAL TESTS</b>				
01	Automotive Oil and Fuel Tests	Dip	Pass	
02	Acid Test – 2 PH	Dip	Passes (30 Sec.)	
<b>PERFORMANCE TESTS</b>				
01	SST	ASTM B117	1000 Hours	Additional to Base Coat
02	COF Test	ISO16047	0.15 +/- 0.03 tot	Others on request

### EFFCO FINISHES & TECHNOLOGIES PVT. LTD.

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## ECOMET CORUNDUM TOP COAT

Our Solvent Based- Top Coat comprises of Zinc and Aluminium flakes combined with the Corundum Coating technology to form thin anti corrosive film. The Coating is single pack system and can be applied by Dip Spin or Spray method.

It is cost effective and provides superior corrosion protection system with resistance to Auto fluids, Chemicals, UV Light and provides SST of over 1500 Hours+ when applied over Zinc plated components.

Ecomet Corundum Top Coat can be directly applied over Stainless Steel substrate to provide advanced corrosion protection.

### Bolt:



### Drum:



### Characteristics:

- Colour : Silver Grey
- Application viscosity : 30 – 40 sec. on Zhan cup 2 for Dip-spin & 25 – 30 sec. Zhan cup 2 for Spray application.
- Thickness : 6-10  $\mu$
- Application Method: Dip Spin / Spray
- Thinner: Ecomet solvent 2755 UT
- Curing : 30min. at 200 - 220 deg C
- Cof : 0.12 -0.18  $\mu$ tot (Customisable)
- Chrome content : Nil

### Recommended Base Coat / Substrate:

ECOMET Corundum, Zinc Flake Base Coat, Zinc Plating, Stainless Steel etc.

### After application on substrate:

No	Name of Test	Procedure	Results	Comment
<b>PHYSICAL TESTS</b>				
1	Coating Layer Thickness		6-10 Micron	By Thickness Gauge
2	Adhesion	ISO-10683	Pass	7Nm/12mm <sup>2</sup>
3	Hardness of Film	By pencil	>5 H	
<b>CHEMICAL TESTS</b>				
1	MEK	20 Rub	Pass	
2	Automotive Oil & Fuel Tests	Dip	Pass	
<b>PERFORMANCE TESTS</b>				
1	SST	ASTM B117	Pass 1500 Hours	Base - Zinc Plating
2	COF Test	ISO16047	0.15 +/- 0.03 tot	Others on request

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