



ECOMET SOLVENT BASE Coating series

ECOMET CORUNDUM

Our Solvent based- base coat compromises of Zinc and aluminium flakes combined with corundum and other nano crystal ceramic material to form a thin anti corrosive film. The coating is a single system, applied by dip spin or spray method. It is a cost effective and superior corrosion protection system with a resistance to Auto Fluids & chemicals providing 2000- 6000 Hrs SST.

Bolt:



Drum:



Characteristics:

Color: Silver Grey
Application viscosity: 40- 45 sec.
(Zhan cup 2): Spray 25- 30 sec
Thickness: 8- 12 μ
Application method: Dip/Spin, Spray
Pretreatment: Degreasing & shot blasting
Thinner: Ecomet solvent 2755 UT
Sacrificial behaviour: Yes
Curing: 10- 30 min. at 200-220 deg C
Cof: 0.12- 0.18 μ tot
Chrome content: None

After application on substrate:

#	Name of test	Procedure	Results	Comment
<i>Physical test</i>				
1	Coating Layer Thickness		8- 12 Micron	By thickness gauge
2	Adhesion	ISO- 10683	Pass	7Nm/12mm ²
3	Hardness of film	By pencil	>5 H	
<i>Chemical test</i>				
1	MEK	20 Rub	Pass	
2	Automotive Oil & Fuel tests	Dip	Pass	
<i>Performance test</i>				
1	SST	ASTM B117	Pass 2000 Hour	SGS Test report
2	COF test	ISO16047	0.15 +/- 0.03 tot	
3	5 times torquing & SST	ISO16047	Pass 1200 Hours	Pass after 5 times torquing