



By: **EFFCO**
Smart Coating Technology

ECOMET SOLVENT BASE
Coating series

ECOMET TITANIUM
COLD DIP GALVANISING (CDG)

CDG has Zinc and Nano Inorganic Polymer Crystals to form 60-80 microns thickness for threaded hardware. The coating is applied by dip spin or spray method. This is an ideal alternative for HDG and mechanical galvanizing. No gauge fitment issues or re tapping required for threaded hardware.

Duplex coating system which comprises of 2 coats of CDG bade plus 1 sealer top coat.

Bolt:



Packaging:



Characteristics:

Color: Zinc Grey

Application viscosity: 30- 35 sec.

(Zhan cup 2): Spray 25-30 sec

Thickness: 50- 60 μ

Application method: Dip/Spin, Spray

Thinner: Ecomet solvent 2755 UT

Curing: 10- 30 min. at 200- 220 deg C

Chrome content: None

After application on substrate:

#	Name of test	Procedure	Results	Comment
<i>Physical test</i>				
1	Coating Layer Thickness		50- 60 Micron	By thickness gauge
2	Adhesion	ISO- 10683	Pass	7Nm/12mm ²
3	Hardness of film	Pencil test	>4 H	
<i>Chemical test</i>				
1	MEK	20 Rub	Pass	
2	Copper sulphate by dipping	4 times	Pass	
<i>Performance test</i>				
1	SST	ASTM B117	Pass 1500 Hour	Alternate to HDG
2	Visible white rust		100- 300 Hours	No white rust above 300 hours