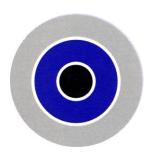
### CATHODIC MAT FINISH

### ELECTRODEPOSITION COATING

# FROSTY CWX



By Micro-gel technique we completed mat finish cathodic Acrylic/Urethane electrodeposition coating for the first time in industry.

### • CHARACTERISTICS

- Possible to cure on most materials, because of Cathodic Electrodesposition Coating.
- Possible to get appearance of peculiar silky mat finish
- Adhesion and Pliability are excellent, secondary process is good

### • USE

- New type of Mat finish coating is possible to use clear or color clear for Decoration, Exterior of building etc
- On the bright plating, possible to get mat finish
- By masking possible to get 2 kinds of coating Bright and Mat finish

### · STANDARD PROCESS

BAKING

# ACTIVATION ↓ RINSING ACID CLEANING ↓ RINSING CONNECTOR ↓ RINSING WITH PURE WATER ELECOAT ↓ SPRYA RINSING ↓ RINSING WITH PURE WATER WETTING SS-1 ↓ PRE-DRYING SETTING 100±10°C 10-20min. ↓

180°C 30min.

### • OPERATING CONDITION

ITEM	OPERATING CONDITION (NORMAL)
(Condition of Solution)	
Temperature	25±1°C
pH	3.3~3.8
Conductivity	$250{\sim}350\mu$ s/cm
Solid Content (NV)	9.0~11.0%
(Condition of Electrodeposition)	
Voltage	100~200V
Time	0.5~2 Min.
Polar Ratio (Area)	Cathode/Anode=3/1
Polar Interval	150~200mm
ANODE PLATE	Carbon Plate

### • COATS EFFICIENCIES

ITEM	RESOLT	TEST CONDITION
HARDNESS	3H	JIS K 5400
ADHESION	100/100	JIS K 5400
Corrosion Resistance	More than R.N=9.8	CASS TEST 72h
Solvent Resistance	More than 100 times	Acetone Rubbing
Water Resistance	Passed	Boiling Water 5h
Alkali Resistance	Passed	5%NaOH Dipping 24h
Acid Resistance	Passed	5%So <sub>4</sub> (25°C) Dipping 24h





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There is no notice for the improvement, and specifications may be changed.