



ANUPAM COLOURS & CHEMICALS INDUSTRIES

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ZINC CHROME (ZINC YELLOW) ANCOR Z-82

Zinc Yellow is an Anti-Corrosive Pigment used to manufacture Anti-Corrosive Primer Paint Systems. It is yellow in colour. Primers based on Zinc Yellow are used as first coats in any Anti-Corrosive Painting system.

Zinc Yellow does not bleed in Solvents or Oils but has a slight but significant solubility in Water. This slight solubility in water contributes to its ability to inhibit corrosion on account of liberation of chromate ions.

Also, its Zinc Oxide component makes it basic in character, which further contributes to corrosion inhibition by reaction with acidic materials in the film. Low solubility type relatively free from soluble Chlorides and Sulphates is intended for use in the metal primers. Micronized Grade of this pigment is also available.

TECHNICAL DATA

Colour Index No.	77955
Colour Index Pigment No.	Y-36
Oil Absorption	15mins
Specific Gravity	3.2-3.5
Bulk Density g/cc	0.75
BLEEDING IN (1-Poor 5-Excellent)	
Water	3
5% Caustic Soda	3
5% Hydrochloric Acid	1
Linseed Oil	5
Ethanol	5
Ethyl Acetate	5
Xylene	5
n-Butanol	5
Methyl Ethyl Ketone	5
Mineral Turpentine	5
Cellosolve	5
Diocetyl Phthalate	5
RESISTANCE TO HEAT	
120°C / 30 min.	SB
150°C / 20 min.	USB
180°C / 10 min.	USB
210°C / 10 min.	USB
RESISTANCE TO LIGHT	
Full Tone	7
APPLICATIONS	
Anti-Corrosive Red Oxide / Yellow Primers	*

LEGEND

COLOUR	BLEEDING	HEAT STABILITY	LIGHTFASTNESS	APPLICATIONS	E - EXCELLENT
Y - YELLOW	SCALE (1-5)	SB : STABLE	SCALE (1-8)	*:RECOMMENDED/ MAYBE USED	VG - VERY GOOD
R - RED	5:NO BLEED	USB : UNSTABLE	1 - POOR		G - GOOD
W - WHITE	1:CONSIDERABLE BLEED		8 - EXCELLENT		F - FAIR
					P - POOR