

DAYGLO

DAYCOR - ZINC YELLOW DZ-82

DAYCOR Zinc Yellow DZ-82 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.

Full Tone

TECHNICAL DATA

Colour Index No.	77955	RESISTANCE TO LIGHT	
Colour Index Pigment No.	Y-36	Full Tone	7
Oil Absorption	15mins	RESISTANCE TO	
Specific Gravity	3.2-3.5	Acid	
Bulk Density g/cc	0.75	Alkali	
BLEEDING IN		APPLICATIONS	
Water	3	Anti-Corrosive Red Oxide / Yellow	*
5% Caustic Soda	3	Primers	
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		
Dioctyl 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		

LEGEND

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