

GALBON S-HB

(GB S-HB)

GALBON S-HB, is an alcohol soluble inorganic zinc coating based on a combination of ethyl silicate and selected zinc dust. It gives excellent protection against corrosion and prolonged weather resistance, and is highly resistance to oil and solvent as well as fresh and salt water. GALBON S-HB withstands temperature of up to 400°C. A film thickness of 2~4 mils can be built in one application.

GALBON S-HB is recommended as a top coating over GALBON S or WELBOND.

TECHNICAL DATA

Type	: Inorganic zinc silicate alcohol soluble and self-curing, high-build type				
Recommended Use	: As a protective coating for oil tanks, solvent tanks, ballast tanks, outside hull, deck, heating pipes, holds, other steel structures, etc.				
Mixing Ratio	: Base	: Paste	=	30 : 70 (by weight)	
Colour	: Grey				
Flash Point	: Base	: 15°C			
Volume Solid	: 60 ± 2%				
Coverage (Theoretical)	: 0.083 ~ 0.125 L/m ²		; 220 ~ 330 g/m ²		
Wet Film Thickness	: 3.3 ~ 5.0 mils		; 83 ~ 125 microns		
Dry Film Thickness	: 2.0 ~ 3.0 mils		; 50 ~ 75 microns		
Drying Time (at D.F.T. 65µm)	Temperature	5°C	10°C	20°C	30°C
	Surface Dry	40 mins	30 mins	20 mins	10 mins
	Hard Dry	6 hrs	5 hrs	4 hrs	3 hrs
Painting Interval (at D.F.T. 65µm)	Min.	72 hrs	32 hrs	24 hrs	18 hrs
	Max.	-	-	-	-
Pot Life		14 hrs	10 hrs	7 hrs	5 hrs
Thinner	: GALBON S THINNER				
Method of Application	: Airless spray, Brush, (only for touch-up)				
Condition for Application	Temperature	:	Min. 0 ~ 50°C		
	Humidity	:	50 ~ 95% R.H.		
	For Airless spray				
	Tip No.	:	Graco 419 ~ 519		
	Paint output pressure	:	100 Kg/cm ²		
	Viscosity	:	10 ~ 12 Sec. (Ford Cup No. 4)		
	Thinning	:	0 ~ 5% by volume		
Surface Preparation	: The particular properties of this product require a very careful surface preparation of the steel which must be blast-cleaned to SSPC-SP 10 or SIS Sa 2.5				
Preferable Preceding Coats	: WELBOND, CERABOND				
Preferable Subsequent Coats	: Any one of our products and/or the equivalent, e.g. Inorganic zinc paint, Chlorinated rubber paint, Epoxy paint, Tar-epoxy paint				
Packing	: Two pack product				

Note : In case an organic top coat is applied, dry film thickness of GALBON S-HB should be controlled at 50 - 100 microns. Recommended dry film thickness is 65 microns.