

• **MINIMUM COATING MASS [ g/ sq m ]**

DIAMETER	Zn EN 10270-1	Zn-Al EN 10270-1	Zn-Al	ELECTROLYTIC ZINC COATING
0.20<d≤0.25	20	-	-	-
0.25<d≤0.40	25	-	-	5
0.40<d≤0.50	30	-	-	10
0.50<d≤0.60	35	-	-	10
0.60<d≤0.70	40	-	40	-
0.70<d≤0.80	45	-	40	-
0.80<d≤0.90	50	-	40	-
0.90<d≤1.00	55	-	40	-
1.00<d≤1.20	60	-	40	-
1.20<d≤1.25	-	-	40	-
1.25<d≤1.40	65	65	60	-
1.40<d≤1.65	70	70	60	-
1.65<d≤1.85	75	75	60	-
1.85<d≤2.15	80	80	60	-
2.15<d≤2.50	85	85	60	-
2.50<d≤2.80	95	95	60	-
2.80<d≤3.20	100	100	60	-
3.20<d≤3.60	-	-	60	-
3.60<d≤3.80	105	105	60	-
3.80<d≤4.00	-	-	60	-
4.00<d≤4.50	110	110	60	-
4.50<d≤10.00	-	-	-	-

• **SALT SPRAY TEST**

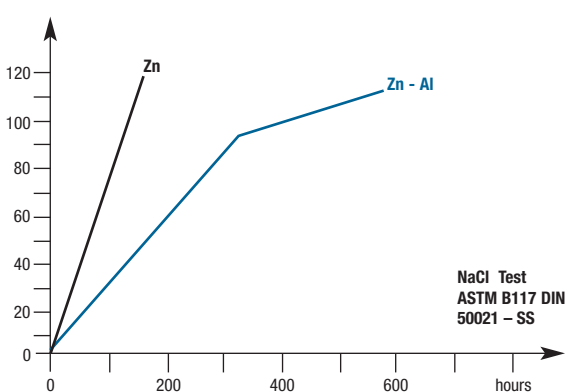
**MINIMUM COATING MASS TO REACH A CERTAIN NUMBER OF HOURS**

GALVANIZED COATING		Zn - Al COATING	
Exposition period (hours)	Zinc mass (g/sq m)	Exposition period (hours)	Zinc mass (g/sq m)
36	80	-	-
48	90	120	> 40
72	105	240	> 60
96	125	264	> 75
120	165	288	> 85
144	195	312	> 100
168	220	360	> 110
192	240	408	> 125

Zn-Al coatings offer a resistance to corrosion 2-3 times higher than zinc in a salt spray test (NaCl) and in an SO<sub>2</sub> atmosphere.

**NaCl**

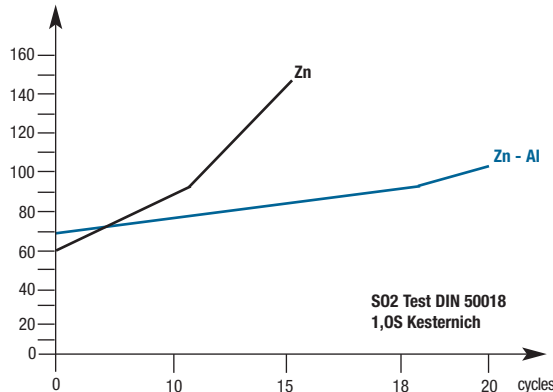
g/sq m Weight loss



NaCl Test  
ASTM B117 DIN  
50021 - SS

**SO<sub>2</sub>**

g/sq m Weight loss



SO<sub>2</sub> Test DIN 50018  
1,0S Kesternich



**VINCO**

VIZCAINA DE INDUSTRIA Y COMERCIO

Vizcaína de Industria y Comercio, S.A.

Polígono Sarrikola | Telf.- +34 94 412 33 99  
c/ Bizkargi, 6 | Fax - +34 94 486 83 01  
E-48195 Larrabetzu - Bizkaia | e-mail: info@vinco.es

Polígono Sesrovires | Telf.- +34 93 771 36 66  
c/ Marconi, 13 | Fax - +34 93 771 31 15  
E-08635 Sant Esteve Sesrovires - Barcelona | e-mail: infobarcelona@vinco.es

SPAIN | www.vinco.es



STEEL WIRE

The data herein is merely for information purposes and do not imply contractual terms of supply. Unless there is an error or omission.

Further wire grades, coatings and range of diameters are available through the Sales Department.



**VINCO**

VIZCAINA DE INDUSTRIA Y COMERCIO

