

# Precoated (Rerolled)

## Specifications:

The following products are manufactured from cold or hot rolled raw material, in the standard mill gauges:

Product	Finishing	Surface Treatment	(Dimensions mm)		Coating Thickness ( $\mu\text{m}/\text{side}$ )	Salt Spray Test (Hours) <sup>(E)</sup>
			Thickness	Width		
Zinc	Matte	-	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		Passivated (Trivalent-Chromate)	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		AFP* Varnish <sup>(D)</sup>	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		DL** Varnish <sup>(D)</sup>	0.20 - 1.90	3 - 500	1 - 7	8 - 56
	Black	-	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		AFP* Varnish <sup>(D)</sup>	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		DL** Varnish <sup>(D)</sup>	0.20 - 1.90	3 - 500	1 - 7	8 - 56
	Bright	-	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		Passivated (Trivalent-Chromate)	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		AFP* Varnish <sup>(D)</sup>	0.20 - 1.90	3 - 500	1 - 7	8 - 56
		DL** Varnish <sup>(D)</sup>	0.20 - 1.90	3 - 500	1 - 7	8 - 56
	Dichomated	-	0.45 - 1.90	3 - 500	1 - 7	24 - 168
AFP* Varnish <sup>(D)</sup>		0.45 - 1.90	3 - 500	1 - 7	24 - 168	
DL** Varnish <sup>(D)</sup>		0.45 - 1.90	3 - 500	1 - 7	24 - 168	
Zinc-Nickel	Matte	-	0.45 - 1.90	3 - 500	1 - 5	24 - 120
		AFP* Varnish <sup>(D)</sup>	0.45 - 1.90	3 - 500	1 - 5	24 - 120
		DL** Varnish <sup>(D)</sup>	0.45 - 1.90	3 - 500	1 - 5	24 - 120
Stainless	Black	-	0.10 - 0.50	3 - 300	1 - 5	-
		AFP* Varnish <sup>(D)</sup>	0.10 - 0.50	3 - 300	1 - 5	-
		DL** Varnish <sup>(D)</sup>	0.10 - 0.50	3 - 300	1 - 5	-
Nickel	Matte	-	0.25 - 1.50	3 - 460	1 - 4	-
	Bright	-	0.10 - 0.50	3 - 300	1 - 4	-
Nickel-Cobalt	Bright	-	0.10 - 0.50	3 - 300	1 - 4	-
Copper	Brushed	-	0.45 - 1.50	3 - 460	0.50 - 8.00	-
	Matte	-	0.45 - 1.50	3 - 460	0.50 - 8.00	-
	Polished	-	0.45 - 1.50	3 - 460	0.50 - 8.00	-
Brass	Matte	-	0.25 - 1.50	3 - 460	1 - 8.00	-
	Polished	-	0.25 - 1.50	3 - 460	1 - 8.00	-
Tin <sup>(A)</sup>	Matte	-	0.20 - 1.90	3 - 500	1 - 8.00	-
	Bright	-	0.10 - 0.50	3 - 500	1 - 8.00	-
Solderon <sup>(A/C)</sup>	Matte	-	0.20 - 1.90	3 - 500	1 - 4	-
	Bright	-	0.10 - 0.50	3 - 500	1 - 4	-
Phosphated <sup>(A)</sup>	Matte	Reactive Soap	0.50 - 1.90	3 - 500	0.10 - 6 $\text{g}/\text{m}^2$ <sup>(B)</sup>	-
		Oil	0.50 - 1.90	3 - 500	0.10 - 6 $\text{g}/\text{m}^2$ <sup>(B)</sup>	-

Observations: (A) - Coating can be differentiated by side.

(B) - Layers are presented in  $\text{g}/\text{m}^2$  - to obtain the values in  $\mu\text{m}$ , please divide by 3,04.

(C) - Tin-lead alloys of 60/40%.

(D) - DL / AFP - An organic treatment can be added after the zinc coating to provide:

- higher corrosion resistance.
- better finishing.
- lower tool wearing.
- good paint acceptability (powder and liquid), even with silkscreen.
- better lubrication (comparing to oil).
- severe stamping capability, with no need for oil.
- protection against handling damages (fingerprints).
- reduction of dust and particle formation during the stamping process (no need for subsequent cleaning and lower tool set up).

(E) - The salt spray values are just a reference for red corrosion in flat samples, as supplied, according to ASTM B117.

(\*) AFP= Anti Finger Prints

(\*\*) DL=Dry Lub



**Our steel goes into your product.**

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