



Type of protection	Code	Marked	Short Reference	Zinc layer (µm) <sup>1)</sup>	Appearance	Minimum Corrosion Resistance Salt Spray (Fog) Test. (ISO 9227)				
						According EN 10239		TRANSMESA Results		
						White Rust	Red Rust	White Rust	Red Rust	
Cr VI Free (Cr III)	Blue Passivating (bright)	<b>2Y</b>	Yes	Zn/8A Cr3	8÷12	Transparent bluish	<b>16</b>	<b>48</b>	24	150
	HRI Silver Passivating (High Resistance Iridescent) <sup>2)</sup>	<b>2Z</b>	Yes	Zn/8C Cr3	8÷12	Silvery iridescent	<b>96</b>	<b>120</b>	200	350
		<b>2U</b>	Not							

<sup>1)</sup> We can produce other layer thickness. They do not alter the protection against white rust formation (zinc layer corrosion); they only modify the resistance against the red rust formation.

For example according EN 10239:

- a. Zn/12C Cr3: Increase the red rust formation over 192 hours.
- b. Zn/20C Cr3: Increase the red rust formation over 360 hours.

We do not recommend zinc layer of 25 µm, because high zinc thickness after bending, breaks in little cracks.

<sup>2)</sup> We can also supply the Cr III passivating with an additional sealer (top coat), which improves the white corrosion resistance over 300 hours.

