

















# CORROSION CLASS

CORROSION CLASS	DURABILITY	ISO 6270-1 (humidity) in h	ISO -9227 (neutral salt spray) in h	APPENDIX B (cyclic testing)
	low	48	-	-
	medium	48	-	-
	high	120	-	-
	very high 	240	480	-
	low	48	120	-
	medium 	120	240	-
	high 	240	480	-
	very high 	480	720	-
	low 	120	240	-
	medium 	240	480	-
	high 	480	720	-
	very high 	720	1440	1680
	low 	240	480	-
	medium 	480	720	-
	high 	720	1440	1680
	very high	-	-	2688

**NOTE:** test are applied exclusively to carbon steel, hot dip galvanised or thermally coated steel. The standard DOES NOT applied to already painted steel

Equivalent durability:    

## ISO12944:2018 CERTIFIED PAINT SYSTEM

	Substrate	Surface preparation	Zinc epoxy primer	Primer	Topcoat	DFT (µm)
High	Steel	Sa 2 <sup>1/2</sup>	-	29102	29145	220-260
High	Zinc coated steel	-	-	29102	29145	220-260
High	Steel	Sa 2 <sup>1/2</sup>	-	-	29443 or 29446*	150-200



	Substrate	Surface preparation	Zinc epoxy primer	Primer	Topcoat	DFT (µm)
Low	Steel	Sa 2 <sup>1/2</sup>	-	-	29443 or 29446*	150-200
Low	Steel	Sa 2 <sup>1/2</sup>	-	29101	29145	120-150
Medium	Steel	Sa 2 <sup>1/2</sup>	-	29107	29155 or 29164 or 44500 or 44501	220-260
Medium	Steel	Sa 2 <sup>1/2</sup>	-	29109	29155 or 29164	220-260
High	Steel	Sa 2 <sup>1/2</sup>	-	29175	29164 or 44500 or 44501	220-260
High	Zinc coated steel	-	-	29107	29144 or 29155 or 29164 or 44500 or 44501	220-260
High	Zinc coated steel	-	-	29109	29144 or 29155 or 29164	220-260
High	Steel	Sa 2 <sup>1/2</sup>	-	-	29441*	150-200



	Substrate	Surface preparation	Zinc epoxy primer	Primer	Topcoat	DFT (µm)
Low	Steel	Sa 2 <sup>1/2</sup>	-	-	29441*	150-200
Low	Steel	Sa 2 <sup>1/2</sup>	-	29107	29144 or 44500 or 44501	220-260
Low	Steel	Sa 2 <sup>1/2</sup>	-	29109	29144	220-260
Medium	Steel	Sa 2 <sup>1/2</sup>	-	29175	29155 or 29164 or 44500 or 44501	220-260
Medium	Zinc coated steel	-	-	29107	29155 or 29164 or 44500 or 44501	220-260
Medium	Zinc coated steel	-	-	29109	29155 or 29164	220-260
High	Steel	Sa 2 <sup>1/2</sup>	-	Y175100 H2O	YD155 H2O	280-350
High	Zinc coated steel	-	-	04000 or 04003	44500 or 44501	220-260
High	Zinc coated steel	-	-	29107	44500 or 44501	220-260
High	Zinc coated steel	-	-	29175	29155 or 29164 or 44500 or 44501	220-260
Very High	Steel	Sa 2 <sup>1/2</sup>	-	04000 or 04003	44500 or 44501	220-260



	Substrate	Surface preparation	Zinc epoxy primer	Primer	Topcoat	DFT (µm)
Low	Steel	Sa 2 <sup>1/2</sup>	-	29175	29144 or 44500 or 44501	220-260
Low	Zinc coated steel	-	-	29107	29144 or 44500 or 44501	220-260
Low	Zinc coated steel	-	-	29109	29144	220-260
Medium	Steel	Sa 2 <sup>1/2</sup>	-	04384	29144 or 29155 or 29164	220-260
Medium	Zinc coated steel	-	-	29175	29144 or 44500 or 44501	220-260
Medium	Zinc coated steel	-	-	04000 or 04003	44500 or 44501	220-260
High	Steel	Sa 2 <sup>1/2</sup>	-	04000 or 04003	29144 or 29155 or 44500 or 44501	220-290
High	Steel	Sa 2 <sup>1/2</sup>	08008	04384 or 29175	29144 or 29155 or 29164	280-350
High	Zinc coated steel	-	-	04384	29144 or 29155 or 29164	250-300

\* The ISO12944 classification for the following painting cycles is only indicative of the anticorrosive performances. This is because the legislation does not include certification for coatings with direct adhesion on metal, but only painting cycles that require previous primer application