

LIFETIME EXPECTANCY MATRIX

This corrosion table is according to Qualicoat and Qualisteelcoat standards. The foreseen corrosion class can only be obtained if the pretreatment of the substrate and the cleaning & maintenance of the coated object are according to Quali(steel)coat regulations.

Substrate	Base material	Pretreatment	Primer	Thickness primer	Topcoat	Total layer thickness	CORROSION CLASS					
							C1	C2	C3	C4	C5	CX
ALUMINUM	Alu	Chemical	-	-	Qualicoat approved topcoat	80				C4H*	C5M*	
		Pre-ano				80						CX*
STEEL	Steel (ST)	Chemical or mechanical**	-	-	Qualicoat approved topcoat	80		C2H	C3M			
			EF-SERIES™	> 60		140				C4H	C5M	
	Steel (ST)	Mechanical**	MULTIPRIM	2x > 60		200					C5H	CX***
	Thermal spraying (MS)	-	-	-		80				C4H	C5M	
			EF-SERIES™	> 60		140					C5H	
	Continuously galvanized (CZ)	Chemical	-	-		80			C3H	C4M		
			EF-SERIES™	> 60		140				C4H	C5M	
	Hot-dip galvanized (HD)	Mechanical and/or chemical	-	-		80				C4H	C5M	
			EF-SERIES™	> 60		140					C5H	

*Etching 2 g/m²

**Grit blasting Sa 2,5 according to ISO 8501-1

***Based on internal data

	Very high: + 25 years
	High: 15 - 25 years
	Medium: 7 - 15 years

According to ISO 12944-6, a score of 'high' equals a score of 'medium' in a class higher.

For example: C4H equals C5M.

A score of 'high' also equals a score of 'very high' in all classes below.

For example: C4H equals C3VH.