ISO 12944

SMALLER LAYER THICKNESS
SAME RESULT · COST EFFECTIVE

→ For Engineers and corrosion experts: offers a conceptual framework for making the best choice in corrosion protection of steel structures.

	System with ZINGA®	Alternative system: Paint system	Alternative system: Zinc + Paint
C4 High = C5 I/M Medium	ZINGA® 2 x 60 µm DFT	Paint min. 300 µm DFT	Hot dip galvanisation 80 µm + Paint 160 µm DFT
C5 I/M High	ZINGA® 2 x 90 µm DFT ZINGA® in duplex*	Paint min. 320 µm DFT	Hot dip galvanisation 80 µm + Paint 320 µm DFT
Im2 & Im3	ZINGA® 1 x 60-80 µm DFT + Zingatarfree 2 x 100 µm DFT	Paint min. 500 µm DFT DFT = Dry Film Thickness	Zink (R) Paint 60 µm DFT + Paint 390 µm DFT

*Duplex = an active cathodic protection (ZINGA) + passive paint layer

CORROSION ZONES:
C5 M: Coastal zone with high salinity
C5 I: Industrial zone with high humidity and agressive environment
Im2: immersion in salt water
Im3: subterranean

LIFE EXPECTATION:
MEDIUM: between 5 and 15 years
HIGH: higher than 15 years

ISO 12944 ADVANTAGES

+ Confidence that the specified corrosion protection will be fit for purpose.
+ Life expectation based on scientific tests.
+ A universally accepted standard.

ALTERNATIVES ACCORDING TO C5 I/M HIGH

Paint System
4 x 80 µm DFT Epoxy or PU Paint
Total layer thickness **320 µm DFT**

ZINGA Film Galvanising System
2 x 90 µm DFT ZINGA®
Total layer thickness **180 µm DFT**

MORE INFO?
Ask our ZINGA experts!

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