



# ZINGA®

## Film galvanising system

### ISO 12944: A GLOBAL CORROSION SYSTEM



- ISO 12944**
- Smaller layer thickness
  - Same result
  - Cost effective

**Standard ISO 12944:** Offers engineers and corrosion experts a conceptual framework to make the best choice for corrosion protection on steel structures.



	C5I/M Medium = C4 High	C5I/M High	Im2 & Im3 High
<b>ZINGA System</b>	ZINGA 2 x 60 µm	ZINGA 2 x 90 µm	ZINGA 1 x 80 µm + PU Tarfree MIO 2 x 100 µm
	ZINGA 2 x 90 µm	ZINGA 1 x 60 µm + Alufer N 1 x 80 µm	
	ZINGA 1 x 60 µm + Alufer N 1 x 80 µm		
<b>Alternatives: traditional multi-layer system</b>	Paint min. 300 µm	Paint min. 320 µm	Paint min. 500 µm
	Hot-dip 80 µm + Paint 160 µm	Hot-dip 80 µm + Paint 320 µm	Zn (R) paint 60 µm + Paint 390 µm

Example of competitors according C5I/M high: \*

#### HOT-DIP

80 µm + 320 µm paint

**Total thickness: 400 µm**

#### ZINGA

2 x 90 µm

**Total thickness: 180 µm**

#### Benefits:

- Confidence that the corrosion protection you specify will be fit for purpose
- A meaningful coating design life
- A universally accepted standard

- \* **All thickness layers are measured in dry film thickness (DFT)**  
**MEDIUM: life expectation between 5 and 15 years!**  
**HIGH: life expectation > 15 years!**

Classification corrosion zone

C5M: Coastal and marine zones with high salinity

C5I: Industrial with high humidity and aggressive environment

C4: Industrial or coastal (with moderate salinity)

Im2: Immersion in salt water

Im3: Embedded (soil)



*More info? Ask the Zinga-experts!*  
[www.zinga.eu](http://www.zinga.eu)