Suitable corrosivity categories/durability ranges

C

Paint system ISO 12944-5	Low	Medium	High	Very high
C2.07	X	X	X	
C3.08	X	X		
C4.08	X			

TEC2.07 High
TEC3.08 Medium
TEC4.08 Low

ZINC RICH
Paint systems 60 µm

1   1.8.2018

TEKNOZINC zinc rich paint systems consist of zinc rich paints, in which the zinc content is at least 80% by weight in a dry paint film.

Paints containing zinc give steel a very good protection against corrosion. Below mentioned zinc rich paint systems can be used in corrosivity categories C2 – C4 with durability classes high - low.

Paint		A1	A2	A3	A4
TEKNOZINC 80 SE	EP	1x60 µm			
TEKNOZINC 3480 SE	EP		1x60 µm		
TEKNOZINC SS	ESI			1x60 µm	
TEKNOZINC SS 1K	ESI				1x60 µm
Total film thickness		60 µm	60 µm	60 µm	60 µm
Paint system VOC, g/m²		54	27	59	60

Example of Teknos paint system code	Example of paint system structure
TEC2.07/H/**A1**	ISO 12944-5/C2.0-EPZn(R) (EPZn(R)60/1-FeSa 2½).
TEC3.08/M/**A3**	ISO 12944-5/C3.08-ESIZn(R) (ESIZn(R)60/1-FeSa 2½)
TEC4.08/L/**A4**	ISO 12944-5/C4.08-ESIZn(R) (ESIZn(R)60/1-FeSa 2½)

These Teknos painting systems have been designed in accordance with ISO 12944:2017-2018 standards. In order to reach the durability ranges in specified corrosivity categories, care must be taken to ensure full compliance of steel construction design, steel prework and surface preparation quality with ISO 12944 standards.

Surface preparation   Remove from the surfaces any contaminants that might be detrimental to surface preparation and painting. Remove also water-soluble salts by using appropriate methods.

Steel surfaces: Remove mill scale and rust by blast cleaning to preparation grade Sa 2½ (standard ISO 8501-1).

For more detailed information about of the above-mentioned products please see individual product data sheets.