Suitable corrosivity categories/durability ranges

Paint system ISO 12944-5	Low	Medium	High	Very high
I.01	X	X	X	

Im

TEI.01 High

TEKNOZINC 80 SE and TEKNOZINC 3480 SE, IMMERSION
Paint systems 360 µm

1 1.8.2018

TEKNOZINC 80 SE and TEKNOZINC 3840 SE paint systems consist of different paints where the primer is a 2-component zinc epoxy paint containing at least 80% zinc by weight in the dry paint film. Top coats are based on epoxy chemistry.

Below mentioned zinc rich paint systems are designed for carbon steel for immersion categories Im 1, Im 2 and Im 3.

Paint		A1	A2	A3
TEKNOZINC 80 SE	**EP**	1x60 µm	1x60 µm	
TEKNOZINC 3480 SE	**EP**			1x60 µm
TEKNOPLAST HS 150	**EP**	2x150 µm		2x150 µm
TEKNOMASTIC COMBI 80-500	**EP**		2x150 µm	
Total film thickness		360 µm	360 µm	360 µm
Paint system VOC, g/m²		182	73	155

Example of Teknos paint system code	Example of paint system structure
TEI.01/H/**A1**	ISO 12944-5/I.01-EPZn(R)/EP (EPZn(R)EP360/3-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.