

Suitable corrosivity category / offshore environments

Im4

Paint system ISO 12944-9	High
CX	
CX + Im4	
Im4	X

OFFSHORE PAINT SYSTEMS FOR IMMERSION

Paint system 350 µm

1 1.8.2018

This paint system is designed for corrosion protection of carbon steel structures in immersion conditions at offshore environments.

This paint system consists of an epoxy paint.

ISO 12944-9 describes paint systems for high durability according to ISO 12944-1.

Paint		CX11
TEKNOMASTIC 80 PRIMER	EP	2x175 µm
Total film thickness		350 µm
Paint system VOC, g/m ²		85

Example of Teknos paint system code	Example of paint system structure
TECX/H/11	ISO 12944-9/CX-EP (EP350/2-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). The surface profile must be at least medium (G) as defined in standard ISO 8503-1.

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