

Suitable corrosivity categories/durability ranges

Im

Paint system ISO 12944-5	Low	Medium	High	Very high
I.05	X	X	X	

TEI.05 High

EPOXY COATINGS FOR IMMERSION Paint systems 400 µm

1 1.8.2018

These paint systems for immersion use consist of high solids or almost solvent-free epoxy coatings for durability class high. The suitable paint is chosen according to the technical needs.

The paint systems are designed for carbon steel for immersion categories Im 1, Im 2 and Im 3.

Paint		A1	A2	A3	A4	A5
INERTA 160	EP	1x400 µm				
INERTA 165	EP		1x400 µm			
INERTA 280	EP			1x400 µm		
INERTA 270	EP				2x200 µm	
TEKNOMASTIC 80 PRIMER	EP					2x200 µm
Total film thickness		400 µm	400 µm	400 µm	400 µm	400 µm
Paint system VOC, g/m ²		17	43	21	106	97

Example of Teknos paint system code	Example of paint system structure
TEI.05/H/A1	ISO 12944-5/I.05-EP (EP400/1-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.