

Suitable corrosivity categories/durability ranges

C

Paint system ISO 12944-5	Low	Medium	High	Very high
C2.03	X	X	X	
C3.02	X	X		
C4.01	X			

TEC2.03 High
TEC3.02 Medium
TEC4.01 Low

TEKNOSYNT PRIMER 3

Paint systems 160 µm

1 1.8.2018

TEKNOSYNT PRIMER 3 paint systems consist of white spirit containing thixotropic paints, that contain active anticorrosive pigments.

These paint systems can be used in field and station painting of structured steel objects.

These paint systems are designed for corrosivity categories C2 – C4 with durability classes high - low.

Paint		D1	D2
TEKNOSYNT PRIMER 3	AK	1x100 µm	1x100 µm
TEKNOSYNT COMBI 50	AK	1x60 µm	
TEKNOSYNT 90	AK		1x60 µm
Total film thickness		160 µm	160 µm
Paint system VOC, g/m ²		155	170

Example of Teknos paint system code	Example of paint system structure
TEC2.03/H/D1	ISO 12944-5/C2.03-AK (AK160/2-FeSa 2½).
TEC3.02/M/D2	ISO 12944-5/C3.02-AK (AK160/2-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).

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