

**Suitable corrosivity categories / offshore environments**

**CX**

<b>Teknos paint system code</b>	<b>High</b>
<b>P220a-CX</b>	<b>X</b>

**P220a-CX**

## OFFSHORE PAINT SYSTEM

### INFRALIT PE 8316-05

### Paint system 230 µm

2 29.05.2019

INFRALIT PE 8316-05 paint systems consist of two different paints where the primer is a zinc polyester paint containing 75-50 % zinc by weight in the dry film. Topcoat is a Qualicoat/GSB approved architectural quality polyester.

Paint systems, containing INFRALIT PE 8316-05 primer, give excellent corrosion protection properties.

The polyester topcoat gives the system excellent UV and weathering resistance properties. Series 8350-15 has also Qualicoat/GSB approvals for class 1 architectural quality product.

Teknos INFRALIT Powder Coating systems have been designed to fulfill the test methods and testing times defined for specific corrosivity category in ISO 12944-9, even though powder coatings are not covered by the standard.

Please consult TEKNOS representative for choosing the most suitable product.

Paint		<b>P220a</b>
INFRALIT PE 8316-05	<b>PE</b>	1x80 µm
INFRALIT PE 8350-15	<b>PE</b>	1x150 µm*
Total dry film thickness		230 µm
Paint system VOC**, g/m <sup>2</sup>		0

\*Alternatively 2\*75 µm coating layers

\*\*Teknos powder coating products are solvent-free. However, they might contain some volatile organic compounds as residuals from additives, though the quantities are very low.

<b>Example of paint system structure</b>
P220a-CX - PE 8316-05 80/1 PE 8350-15 150/1 - FeSa 2½ + Zn-phosph

These Teknos painting systems have been tested 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) followed by zinc phosphating. The surface profile must be at least medium (G) as defined in standard ISO 8503-1.

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