

Suitable corrosivity categories/durability ranges
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Teknos paint system code	Low	Medium	High	Very high
P218b-C3/M	X	X		
P218d-C4/M	X	X		

P218b-C3 Medium
P218d-C4 Medium

INFRALIT PE 8350-15 Paint systems 80 & 100 µm

2 29.05.2019

INFRALIT PE 8350-15 paint systems consist of two different film thicknesses of the same product where the corrosion protection is better as the film gets thicker.

Paint systems, containing INFRALIT PE 8350-15 product give good corrosion and weathering protection properties.

The polyester paint series has excellent protection against UV light and weather stress. The product has also the Qualicoat and GSB approvals for architectural class 1 coating.

Teknos INFRALIT Powder Coating systems have been designed to fulfill the test methods and testing times defined for specific corrosivity category in ISO 12944-6, even though powder coatings are not covered by the standard.

Please consult TEKNOS representative for choosing the most suitable product.

Paint		P218b	P218d
INFRALIT PE 8350-15	PE	1x80 µm	1x100 µm
Total dry film thickness		80 µm	100 µm
Paint system VOC*, g/m ²		0	0

*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.

Example of paint system structure
P218b-C3/M – PE8350-15 80/1 - FeSa 2½

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).

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