

**Suitable corrosivity categories/durability ranges**

**C**

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

**TEC2.02 Medium**  
**TEC3.01 Low**

# 1-COMPONENT COMBI

## Paint systems 100 µm

1 1.8.2018

1-COMPONENT COMBI paint systems consist of different kind of alkyd paints having very good corrosion protection properties. 1-COMPONENT COMBI paints contain efficient active anticorrosive pigments. TEKNOLAC COMBI 50 has the fastest drying properties and TEKNOSYNT COMBI 50 is a thixotropic urethane/alkyd based paint.

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

These paint systems are designed for corrosivity categories C2 - C3 with durability classes medium - low.

| Paint                              |    | A1       | A2       | A3       |
|------------------------------------|----|----------|----------|----------|
| TEKNOLAC COMBI 50                  | AK | 1x100 µm |          |          |
| TEKNOLAC COMBI 2280-02             | AK |          | 1x100 µm |          |
| TEKNOSYNT COMBI 50                 | AK |          |          | 1x100 µm |
| Total film thickness               |    | 100 µm   | 100 µm   | 100 µm   |
| Paint system VOC, g/m <sup>2</sup> |    | 60       | 60       | 80       |

| Example of Teknos paint system code | Example of paint system structure       |
|-------------------------------------|---|
| TEC2.02/M/A1                        | ISO 12944-5/C2.02-AK (AK100/1-FeSa 2½). |
| TEC3.01/L/A2                        | ISO 12944-5/C3.01-AK (AK100/1-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.