

# sikkens

## REDOX FERROTECH

Synthetic ferromicaceous enamel,  
coarse-grained,  
for exteriors and interiors



**coarse-grained ferromicaceous synthetic malt with metallized appearance for the  
sternum / inside, for iron and non-ferrous metals**

### CHARACTERISTICS OF THE PRODUCT

#### Composition:

Based on alkyd resin and ferromicaceous pigments

#### Main properties:

- Excellent coverage
- Obvious metallic matt appearance
- Excellent resistance to atmospheric agents
- Good resistance to industrial atmospheres
- Thixotropic structure that allows easy vertical application

### Physical characteristics

#### Viscosity:

Thixotropic aspect

#### Density (density): Solid content:

1.39 ± 0.05 kg / dm<sup>3</sup>

52 ± 2% by volume; 73 ± 2% by weight

#### Drying at 23 ° C / 65% RH: Dust dry:

After 2 - 3 hours

#### To the touch:

After 6 - 8 hours

#### Hardened:

After 18 hours

#### Overlay:

After 24 hours.

#### Coloring:

Only with Akzo Nobel's Acotint tinting system with bases 888 and 999

#### Packaging:

1 and 5 l

**EU limit value for VOC content:** Cat. A / i: 500 g / l (2010). This product contains a maximum of 499 g / l of VOC

<b>Brilliance:</b>	G.3 Opaque	≤ 10 OJ 85 °
<b>Dry film thickness: Max applicable thickness:</b>	AND <sub>1</sub>	≤ 50 µm 90 - 100 µm wet per coat equal to 40 - 45 µm of dry film per coat

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## Method of use

<b>Methods of application:</b>	By brush or roller for small surfaces and by spray (airless) for the remaining surfaces. Airless application: Nozzle 0.38 - 0.45 mm (0.015 - 0.018 inch); Pressure: 140 - 160 bar. Ready to use.
<b>Dilution:</b>	
<b>Environmental conditions for application:</b>	Temperature from 5 to 30 ° C; Relative humidity max. 85% The application of the product at high temperatures, in excessive thicknesses and / or in conditions of direct sun exposure can give rise to possible wrinkling. 8 - 10 m <sup>2</sup> / l per coat. The yield may vary according to the characteristics of the substrates and the application system adopted.
<b>Cleaning of tools:</b>	Thinner L.
<b>Storage:</b>	In tightly closed packs, in a cool and dry place, away from frost and heat sources.
<b>Mixing:</b>	With no other product. Any mixing will alter the technical characteristics and quality of the product.
<b>Warnings:</b>	In order to facilitate the removal of dirt, it is advisable to apply a transparent colorless finish on the most stressed surfaces (handrails, supporting parts). The product, if applied indoors, in light colors, in rooms that are not lit or that remain in the dark for long periods, tends to show a yellowing phenomenon. Operations such as sanding, sandblasting, flame removal, etc., of old paint layers, can generate dangerous dust and / or fumes. Work in well-ventilated areas and necessarily wear suitable personal protective equipment. For more information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

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## Application systems

### Preparation:

#### New iron

- Allow the iron to rust to remove the calamine; total elimination of rust by sandblasting or vigorous brushing; apply two coats of REDOX AK 1190 PLUS, waiting for it to dry between coats

#### Old iron already painted and / or oxidized

- Careful cleaning and sanding of the old coats of finishes, removing the same if not well adherent and the rust present; touch up the rust spots with REDOX AK 1190 PLUS; wait for drying; apply a coat of REDOX AK 1190 PLUS over the entire surface

#### Non-ferrous metals never painted

- Degrease the surfaces with DILUENTE X; perform a light sanding; apply a coat of REDOX AC MULTI PRIMER NEW

#### New galvanized sheet

- Leave the artifacts exposed to atmospheric agents for three months; degrease the surfaces with DILUENTE X; perform a light sanding; apply a coat of REDOX AC MULTI PRIMER NEW

#### Old, partly rusty galvanized sheet metal

- Degrease the surfaces with DILUENTE X; sanding, taking care to remove any rust present; touch up the rust spots with REDOX AK 1190 PLUS; wait for drying; apply a coat of REDOX AC MULTIPRIMER NEW

#### Galvanized sheet painted with powder products

- Degrease the surfaces with DILUENTE X or using POLYFILLA PRO S600; perform a sanding; apply a coat of REDOX AC MULTIPRIMER NEW

### **Finish:**

- Apply two coats of REDOX FERROTECH with an interval of at least 24 hours between one coat and the other

### **Please Note**

All the information contained in this document is purely indicative and contains only some examples of support that do not represent the totality of the situations that in practice could be affected, therefore if it is necessary to intervene on supports not indicated or if further clarifications are necessary, we invite you to contact our Technical Assistance Service.

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### **Wording to be included in the tender specifications and estimates**

Coarse-grained ferromicaceous synthetic enamel with metallic appearance for exterior / interior, for iron and non-ferrous metals (Type REDOX FERROTECH)

### **Physical characteristics**

#### **Viscosity:**

#### **Density (density): Solid**

#### **content:**

#### **Drying at 23 ° C / 65% RH: Dust**

#### **dry:**

#### **To the touch:**

#### **Hardened:**

#### **Overlay:**

#### **Coloring:**

#### **Packaging:**

#### **Thixotropic aspect**

1.39 ± 0.05 kg / dm<sup>3</sup>

52 ± 2% by volume; 73 ± 2% by weight

After 2 - 3 hours

After 6 - 8 hours

After 18 hours

After 24 hours. Dark colors need a longer time to finish drying

Only with Akzo Nobel's Acotint tinting system with bases 888 and 999

1 and 5 l

**EU limit value for VOC content:** Cat. A / i: 500 g / l (2010). This product contains a maximum of 499 g / l of VOC

<b>Brilliance:</b>	G.3 Opaque	≤ 10 OJ 85 °
<b>Dry film thickness:</b>	AND <sub>1</sub>	≤ 50 µm
<b>Max applicable thickness:</b>		90 - 100 µm wet per coat equal to 40 - 45 µm of dry film per coat

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