

### NATURE AND USE

STOPMIOX is a one component paint for direct steel application, even if not perfectly rust or mill scale free (though well tied). Its double function is to act as rust preventer and to represent the finishing enamel with a pleasant effect. The rheological structure of the product allows an easy application and avoids drippings while helping at the same time the coating at relatively high thicknesses. The product has good protective and filling power on the treated substrate. The principal markets are for the building industry, industrial steel works finishes for different general uses, etc..

### TECHNICAL DATA



<b>Type of Binder:</b>	Modified Alkyd
<b>Appearance</b>	Thixotropic
<b>Specific Gravity:</b>	Kg/l 1,40 ± 0,10 according to colours @ +20°C
<b>Solids by Weight:</b>	% 52 ± 3%
<b>Solids by Volume:</b>	% 70 ± 3%
<b>Colours:</b>	Graphite, silver, bronze, platinum grey, gunmetal grey Others on request
<b>Appearance of the applied product:</b>	Typical of micaceous finish

### SUBSTRATE PREPARATION

**Rusty iron:** Remove from the substrate the rust if not compact and crumbly. Remove dust and brushing residuals, clean the substrate from possible traces of oil and grease. When substrate preparation is completed, apply STOPMIOX.

**Coated iron:** Remove the paint flaking or not perfectly tied with a mechanic tool and remove the rust if not compact and crumbly. Sand the surface with medium abrasive paper. Remove dust and residuals after the mechanical treatment, clean the substrate with a cloth soaked in Thinner. When substrate preparation is completed, apply STOPMIOX.

**Note:** If needed, apply a possible second coat according to the wished final effect. Particularly hard environmental conditions may require the application of a complete protective coating system for a prolonged protection. (Specific primer + Stopmiox)

### APPLICATION DETAILS

<b>Application Method:</b>	Standard Airless Spray with compression ratio 30:1 minimum Conventional Spray Roller, Brush
<b>Thinning:</b>	% 0-20% with Thinner SINT 400D
<b>Cleaning:</b>	Thinner SINT 400/D
<b>Drying @ 25°C:</b>	Dust dry 4 – 6 hours
<b>Overcoating @ +20°C:</b>	After 24 hours
<b>Application Ambient Temperature:</b>	Between +5°C and +35°C
<b>Suggested Temperature of the product:</b>	+20 ÷ +30°C
<b>Substrate Temperature:</b>	+5 / +40°C always at least +3/5°C above dew point
<b>Relative Humidity:</b>	≤ 85%

**Thickness:** 50 µm dry (DFT) Min./ 80 µm dry (DFT) max  
**Theoretical spreading rate:** sqm/l 10-11 per coat at the suggested thickness

**More info by writing to [sales@industribrunostoppaipaints.com](mailto:sales@industribrunostoppaipaints.com) or by calling +39 030 9745116**

**HANDLING**  
**STORAGE AND**  
**SAFETY**  
**PRECAUTIONS**

**Warning:** All handling and/or use activities of the product must strictly refer to the given indications in the Safety Data Sheet. The following advices are suggested by the common sense and in good faith, they are uncompleted and do not substitute the content of the specific safety data sheet of the product.

**Handling:** The material must be used only by professional and qualified applicators suitably trained. All the operations involving the use of the product, must be carried on in compliance with all the relevant National Health, Safety & Environmental Standards and Regulations.

**Precautions:** When the product is used inside enclosed areas ( i.e rooms, containers, vessels) it is imperative to provide the necessary air circulation using adequate means and must be granted during the whole time required by application and coating polymerization, to avoid conditions open to potential explosion danger.

All electrical installations must always be grounded. Where explosion hazards exist, the workmen should be required to use only non-ferrous tools and wear conductive non-sparking shoes and clothing. Explosion and flame-proof equipment too are imperative.

**Storage and transport:** Keep far from flames, sparks or heat sources. Do not leave exposed under the direct solar action. Store under shelter in original unopened packaging, in cool, dry and ventilated areas, at ambient temperatures between +5°C and +35°C.

**Shelf life:** **12 months** in the suggested storage conditions (original unopened packaging)

**N.B.: Product for professional use only  
and exclusively for the uses not regulated under CE Directive 2004/42/CE.**

**Refer to Material Safety Data Sheet**



**Access catalogues, data sheets and company presentations**