



## TIKKURILA ISOXYDE

- DESCRIPTION** Hydrophobic water-borne thick layer paint based on a combination of acrylic and styrene polymers. Contains anti-corrosion agents.
- RECOMMENDED USES** Roofs and metal structures.
- PRODUCT FEATURES** Suitable for iron, aluminum, zinc, galvanized surfaces, plastisol plates, polyester and alkyd surfaces. Can be used without a primer.



The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

# ISOXYDE

<b>TECHNICAL DATA</b>	
<b>Colour Shades</b>	Ready made shades: Anthracite Grey Dark, Anthracite Grey, Black, Light Grey, Dark Brown, Oxide Red, Tile red, White
<b>Gloss</b>	Matt.
<b>Coverage</b>	5 m <sup>2</sup> /l (200 µm wet film/82 µm dry film). If the substrate is in a good condition and only needs a touch up, 1 layer is sufficient. Otherwise apply two layers with total coverage of 2,5 m <sup>2</sup> /l, (400 µm wet film/ 164 µm dry film). The practical spreading rate depends on application method, form and surface of the material.
<b>Can sizes</b>	10 l
<b>Application method</b>	Brush, roller or airless spray, nozzles 19 – 21, 180 - 220 bar.
<b>Drying time (23°C and 50% relative air humidity)</b>	The drying time for wet layer thickness 200 µm: Touch dry after ~3 hours. Recoatable after min. 6 hours. Fully cured after ~48 hours. The drying time and time for recoating depend on layer thickness, temperature, relative air humidity, and air circulation
<b>Density (kg/l)</b>	1,21 - 1,25 kg/l (depending on colour)
<b>Volume solids (%)</b>	41
<b>VOC</b>	(cat A/d) 130 g/l (2010) Isoxyde contains VOC max. 130 g/l
<b>Storage</b>	Protect from frost. Close can carefully for next use.



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## APPLICATION INSTRUCTIONS

### Application conditions

The temperature must be between +8° C and +30° C and relative humidity below 85 % RH.

### Priming

Clean previously painted surfaces thoroughly with Tikkurila Panssaripesu and hot water so that all dirt and grease is removed. If Isoxyde is used on galvanized steel, the surface must be sanded and cleaned before application. Treat corroded surfaces with RustConverter before application. The surface must be clean, dry, and durable.

### Application

Stir Isoxyde well before use. Apply with a brush, roller or airless spray (nozzles 19 – 21, 180 - 220 bar). To ensure the optimum film thickness apply the paint in two layers. Use unthinned. The viscosity may be adjusted downwards when thinning with max. 10 % water. Always make a test coat to ensure the compatibility of product and surface.

### Cleaning of tools

Clean tools with water immediately after use. Remove as much paint as possible from painting tools before cleaning.

### Maintenance instructions

After one month from painting, a dirty surface can be cleaned with Huoltopesu (mix 1 part of Huoltopesu with 10 parts of water). Clean stains and very dirty surfaces with a stronger Huoltopesu solution (1:1). After washing, rinse with water and let dry.

### Environmental protection and waste disposal

Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations.

### Health and Safety

Safety data sheet available on request. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains 3-aminopropyltriethoxysilane, 1,2-benzisothiazol-3(2H)-one (BIT) and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)). May produce an allergic reaction. Wear protective gloves. This product contains a biocidal product for the preservation of the product during storage. Contains: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)).

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