



TIKKURILA

# ISONIT NON REFLECTIVE

**DESCRIPTION**

Light scattering water-borne roof coating with high covering strength

**RECOMMENDED USES**

Cratered roofs of fibre cement (primed with Eternit Primer), concrete roof tiles, fibre cement slates, primed steel roofs.

**PRODUCT FEATURES**

Isonit Non Reflective is a waterborne roof coating especially suitable for cratered roofs of fibre cement. The special paint spreads the reflection of the sunlight resulting in the surface looking more evenly matt instead of appearing faded and pale.

Isonit Non Reflective has high coverage and a short drying time. The coating creates a water repellent surface that is diffusion-open, allowing water vapour coming from inside the material to pass through. Good flow and levelling properties. Strong and water-repellent surface. Light-fast and weather-stable.



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### TECHNICAL DATA

<b>Colour Shades</b>	Available in standard ready made shades: Anthracite Dark Grey and Black
<b>Gloss</b>	Matt. 5
<b>Coverage</b>	2-4 m <sup>2</sup> /l (2 layers) 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, nozzles 19 – 21, pressure 180 - 220 bar.
<b>Drying time</b>	The drying time for wet layer thickness 200 µm 20° C / 65 % RH: Touchdry after ~1 hour. Recoatable after ~2 hours. Fully cured after ~24 hours. The drying time and time for recoating depend on layer thickness, temperature, relative air humidity, and air circulation
<b>Density (kg/l)</b>	1,19
<b>VOC</b>	Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations. Recycle or dispose of empty, dry cans in accordance with local regulations. VOC: Max. 40 g/l (Kat. A/c)
<b>Storage</b>	Protect from frost and direct sunlight. 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 <85 % RH.

### Surface preparation

The roof must be cleaned thoroughly using high-pressure and Iso A-Clean. It is advantageous to prime fibre cement roofs with Eternit Primer in order to obtain a durable surface (see PDS).

The surface must be clean, dry and durable.

### Application

To ensure the optimum layer thickness, apply the paint in two layers (each with a layer thickness of 200 µm). If Eternit Primer is used, the right layer thickness can be obtained with only 1 layer of 300 µm. Allow sufficient drying time between applications.

Always make a test coat to ensure the compatibility of product and surface.

### Cleaning of tools

Clean the tools with water and soap

### Maintenance instructions

In order to keep the roof nice and clean it is recommended to clean roofs coated with Isonit Non Reflective with Iso A-Clean every other year.

### Maintenance treatment

It is recommended to maintain coated roofs with a treatment with Iso A-Clean every second year – in order to keep the surface nice and clean.

### Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. 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

Harmful to aquatic life with long lasting effects. Avoid release to the environment. Wear protective gloves. Contains 1,2-benzisothiazol-3(2H)-one (BIT), 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)) and 2-octyl-2H-isothiazol-3-one (OIT). May produce an allergic reaction. 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)).

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.