



TIKKURILA

ISONIT 12-20-50

WATER-BORNE ROOF COATING WITH GOOD COVERING CAPACITY

DESCRIPTION

Water-borne roof coating with high coverage.

RECOMMENDED USES

Isonit is used on concrete roof tiles and fibre cement and fibre cement slates (primed with Eternit Primer) or steel roofs (primed with Metal Primer WB).

Isonit is not suitable for use on clay tiles or natural slate.

PRODUCT FEATURES

Isonit is a water-borne roof coating with excellent adhesion, high coverage and short drying time. Good flow and levelling properties. The coating creates a water-repellent surface that is diffusion-open, allowing water vapour coming from inside the material to pass through. Light-fast and weather-stable. Available in both tintable bases and factory ready made shades.

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.

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TECHNICAL DATA	
Base paints	LC BASE
Colour Shades	<p>Color cards: Master Solution Color Guide Available in factory ready made shades: Isonit 12 - Antracite Dark Grey, Antracite Grey, Black, Dark Brown, Dark Tile Red, Hut Red, Oxide Red, Red Brown and Tile Red</p> <p>Isonit 20 - Antracite Dark Grey, Antracite Grey, Black, Dark Brown, Dark Tile Red, Light Grey, Oxide Red, Red Brown and Tile Red</p> <p>Isonit 50 - Antracite Dark Grey, Black and Tile Red</p>
Gloss	Semi-matt. 12, 20, 50
Coverage	<p>2 -3 m²/l (2 layers) The practical spreading rate depends on application method, form and surface of the material.</p>
Can sizes	<p>LC BASE: 9 l FACTORY READYMADE SHADE: 10 l, 20 l</p>
Application method	Brush, roller or airless spray, nozzles 19 – 21, pressure 180 - 220 bar.
Drying time	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.
Density (kg/l)	1,15
VOC	<p>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.</p> <p>VOC: Max. 40 g/l (Kat. A/c)</p>
Storage	Protect from frost and direct sunlight. Close can carefully for next use. Protect from frost For industrial and professional use only. Shake well!

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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

Roofs to be painted should be thoroughly cleaned using high-pressure washer and Iso A-Clean.

Priming

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. The first coat should be thinned with 20 %, by volume, with water and mixed thoroughly. The second coat should be applied without thinning. Allow sufficient drying time between applications.

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

Cleaning of tools

Clean the tools with water and soap. Clean 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 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-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (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-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)).

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