



TIKKURILA

CLIMATECOOLER FLEX PRIMER

HEAT REFLECTIVE ROOF COATING

DESCRIPTION

A waterborne, flexible and heat reflecting acrylate modified primer.

RECOMMENDED USES

Bitumen and fiber cement roofings. Note! Can also be used for flat roofs with no standing water.

PRODUCT FEATURES

Priming of roofs before coating with ClimateCooler Flex Topcoat or ClimateCooler Catalyst.

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	
Colour Shades	White.
Gloss	Matt (5/RT classification)
Coverage	4 - 6 m ² /l.
Can sizes	20 l
Thinner	Water, max. 10% depending on the base.
Application method	Roller, brush or spray (airless).
Drying time	Resistant to rain and moisture after 1 hour. Top coating after 1-3 hours. Drying slows down as the air humidity rises and the temperature drops.
Density (kg/l)	approx. 1,4 kg/l, ISO 2811.
Volume solids (%)	46
Special feature	Solar reflectance: Reflect up to 80 % of the infrared radiation. The best reflectance value can be achieved with white ClimateCooler Flex Topcoat.
VOC	(cat A/i) 140g/l(2010) ClimateCooler Flex Primer contains VOC max. 140 g/l
Storage	Protect from frost.

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APPLICATION INSTRUCTIONS

Application conditions

The surface to be painted must be solid and dry, air temperature at least +8 °C and relative humidity of the air below 80 %. Schedule the painting work so that paint film will be dry before the evening dew. Do not paint under the risk of rain.

Surface preparation

Clean the surfaces from dirt, dust, moss and lichen. Use high pressure washer, avoiding damaging the substrate and structures. Wash roofs with ClimateCooler Cleaner solution according to instructions, if needed.

Application

Mix the primer carefully before use. Apply wet film thickness 150 – 175 µm in one coat: The primer can be thinned 5 -10 % with water according to the porosity of the substrate.

Cleaning of tools

Clean tools with water. Tikkurila Pensselipesu Tool Cleaner is recommended to remove slightly hardened paint.

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)).