



TIKKURILA

# CLIMATECOOLER UNI PRIMER

HEAT REFLECTIVE, MODIFIED ACRYLATE PRIMER

**DESCRIPTION** Heat-reflecting water-borne modified acrylate paint.

**RECOMMENDED USES** Concrete tiles, fiber-cement sheets and primed steel sheet roofs.

**PRODUCT FEATURES** Priming of roofs before applying ClimateCooler Uni 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.

## CLIMATECOOLER UNI PRIMER

TECHNICAL DATA	
<b>Colour Shades</b>	White.
<b>Gloss</b>	Matt (5/RT classification)
<b>Coverage</b>	3-5 m <sup>2</sup> /l.
<b>Can sizes</b>	20 l
<b>Thinner</b>	Water, max. 10% depending on the base.
<b>Application method</b>	Brush, roller or spray (airless). High pressure spray nozzle 0,019" - 0,021" (nominal angle 40° - 50°).
<b>Drying time</b>	Withstands rain and dew 1 hour after application. Topcoat can be applied 1-3 hours later. Drying will be slower with higher relative humidity of the air and at lower temperatures.
<b>Density (kg/l)</b>	approx. 1.20 kg/l, ISO 2811.
<b>Volume solids (%)</b>	32
<b>Special feature</b>	The reflection ability for sun rays: Reflects at the most 80% of the sun rays. The best reflection value is reached together with a white ClimateCooler Flex Topcoat.
<b>VOC</b>	(cat A/i) 140g/l (2010) ClimateCooler Uni Primer contains VOC max. 140g/l
<b>Storage</b>	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 the paint film will be dry before the evening dew. Do not paint under the risk of rain.

### Mixing components

With water to a maximum of 10% depending on the substrate.

### Surface preparation

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

When handling a surface containing asbestos, the decision of the Council of State respecting work with asbestos No. 1380 of 1994 must be followed along with related decrees 318/2006 and 863/2010.

### Priming

Mix the primer carefully before use.

Apply wet film thickness 200 – 225 µm in one coat: The primer can be thinned 5 -10 % with water, according to the porosity of the substrate.

Note! Check the condition of the roof before starting the work.

### Application

Mix the paint carefully before use.

Spread 200-225 µm at one time (wet film thickness). The primer can be diluted with water by 5 to 10 %, depending on the porosity of the surface.

Note!

Check the condition of the roof and the roof structures before starting the work.

### 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)).

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