



ClimateCooler Uni Topcoat

DESCRIPTION Heat-reflecting water-borne modified acrylate paint.
PRODUCT FEATURES Painting of roofs. To be used as a system with ClimateCooler Uni Primer.
RECOMMENDED USES Concrete tiles, fiber-cement sheets and primed steel sheet roofs.



TECHNICAL DATA



Features Solar reflectance: Reflects up to 80 % of heat radiation depending on color. The best heat-reflectance result will be achieved together with ClimateCooler Uni Primer.

Colour Range Black, light grey, dark brown, tile red, white, and anthracite dark.

Coverage 3-5 m²/l.

Can sizes 20 l

Application method Brush, roller, or spray (airless). High pressure spray nozzle 0.019" – 0.021" (nominal angle 40° - 50°).

Drying time at 23°C and 50% relative air humidity Withstands rain and dew 1-2 hours after application. Drying will be slower with higher relative humidity of the air and at lower temperatures. A second coat can be applied earliest 3-4 hours after the first coat.

Wear resistance Good also in industrial and marine climate.

Solids volume approx.30 %.

Density approx. 1.20 kg/l, ISO 2811.

Storage Protect from frost.

APPLICATION DETAILS

Application conditions The surface to be painted must be solid and dry, air temperature at least +8C 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.

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.

Priming Use ClimateCooler Uni Primer.

Finishing Mix the paint carefully before use.

Apply one or two coats of ClimateCooler Uni Topcoat, total wet film thickness 200-225 µm.

Note! Check the condition of the roof before starting the work.
The product contains film protecting agents, therefore rainwater flowing from the roof is not recommended to be used for watering plants or washing during the first year from painting.

Cleaning of tools Clean tools with water. Slightly hardened tools can be cleaned with Pensselipesu Tool Cleaner.

Maintenance instructions Handle the painted surface with care. The surface achieves its final hardness and durability within approx. 4 weeks. Earliest after 1 month from application the surface can be cleaned with ClimateCooler Cleaner (mixing ratio: 1 part of cleaner in 50 parts of water).

Maintenance treatment Surfaces painted with ClimateCooler Uni Topcoat should be maintenance painted with the same system.

EU VOC 2004/42/EC-limit value (cat A/i) 140g/l(2010)
ClimateCooler Flex Topcoat contains VOC max. 140g/l.

HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008 Harmful to aquatic life with long lasting effects. 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) and 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. Wear protective gloves. Avoid release to the environment. A Safety Data Sheet is available on request.
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ENVIRONMENTAL and WASTE DISPOSAL Avoid spillage into drains, water systems and soil. Recycle empty, dry cans or dispose them of in accordance with local regulations. Destroy liquid waste according to the local regulations for hazardous waste.

TRANSPORT Not classified.



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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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