

ClimateCooler Flex RoofTopCoat®



Product description:



ClimateCooler Flex RoofTopcoat is a solar reflecting roof coating. The paint is developed on the latest technology in an entire new and revolutionary way. It's made with special flexible thermo stabilizing polymers with excellent adhesion. The flexibility is up to 200%. The design of the ClimateCooler Flex RoofTopCoat is based on sun reflecting pigments and thermo – and UV stable polymers. Addition of nanosilanes gives the paint a very good self-cleaning effect. ClimateCooler Flex RoofTopcoat is specially developed for bituminous felt roofing, concrete, rust protected steel and other difficult roof surfaces. The roof surface is provided with a unique property that reflects the solar radiation and thus reduces the heat absorption up to 40%. On a hot summer-day it will reduce the indoor temperature with 10 - 15°C. ClimateCooler Flex RoofTopcoat offers ultimate protection against sun, rain and snow. The roof will appear nice and beautifully painted for many years since the effect of the solar radiation is lowered dramatically. The degradation rate will be reduced significantly. Especially on flat roofs where refrigeration equipment often is placed, the reduction of the heat impact reduces the power consumption for air conditioning and reduces wear on the cooling machines.

Please make a test coat on the surface for controlling the compatability.

It is recommended to maintain the newly painted roof with a treatment of Iso A-Clean approx every 2 years to keep a nice and clean surface.

Usage:



Always apply the ClimateCooler Flex RoofTopcoat on the Flex Primer. Two coats are necessary to ensure the right thickness of the paint. If necessary dilute the paint with up to 10% water when the first layer is done. Second layer is applied undiluted. Apply the paint with brush, roller or spray –gun. Spreading rate: 2-3 m²/l

Technical data:



Composition: Water-based with thermostable sun-reflecting pigments, UV and IR stabilizers, flexible heat resistant polymers, self-cleaning nano silanes. **Colours:** Off-white, light grey, aluminium grey, dark anthracite, black, tile red, red brown, dark brown. **Lustre:** Approx. 15 **Packaging:** 20 l buckets, 120 l drums and 600 l IBC containers **Application:** Brush, paint roller and paint spray gun **Drying time:** Approx. 6 hours at 20°C and 60% humidity **Spreading rate:** Approx. 2 - 3 m²/l depending on surface characteristics and application method. **Cleaning:** Warm soapy water immediately after use. **Storage:** Store dry, frost-free and out of reach of children **VOC:** MAX 40 g/l (cat. a/c)

Benefits

Extends roof life by many years

Excellent adhesive power on difficult surfaces

Up to 200% flexibility

Reflects up to 80% of IR and UV rays

Reduces surface temperature by up to 40%

Reduced CO2 emissions because less energy is required for cooling

Self-cleaning



WWF for a living planet®

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