

CLIMATECOOLER™ COLOURS



Off-white, light grey, aluminium grey, dark anthracite, black, tile red, red brown and dark brown.

ClimateCooler consists of 2 systems: UniTop/UniPrimer and FlexTop/FlexPrimer.

The Uni series with a gloss grade of 20 is designed for most roof types from concrete roof tiles and standard tiles to fibrous concrete on all mineral-based roofs.

The Flex Series has a gloss grade of 15 and is designed for treatment of degraded roofs and flat roofs covered by e.g., bituminous felt roofing. **Prior to application of FlexTop or UniTop**, it is important that the surface has been primed with the corresponding primers, respectively UniPrimer and FlexPrimer. These are white primers that contain important special UV insulating pigments and other additives for optimum adhesion and repainting properties.

Iso Paint Nordic supports WWF work for a better climate. With each purchase of ClimateCooler™, Iso Paint Nordic contributes 2% of the purchase price to the WWF.



ISO Paint Nordic A/S has 40 years experience and is a specialist producer and developer of roof coatings, facade paints and impregnation solutions.

From the very beginning it has been the business strategy of Iso Paint Nordic to continuously raise industry quality standards, not least in the area of climate change – and this began a long time before the climate debate was taken seriously on the agenda. Our product development combines innovative technology, high quality and sustainable principles. This ensures unique products that benefit both building properties – and the environment.

Iso Paint Nordic A/S

Tvaervej 8,
6640 Lunderskov, Denmark
Phone: +45 7633 3114
E-mail: mail@isopaint.com



ISO PAINT NORDIC A/S



Iso Paint Nordic er dobbeltcertificeret efter Iso 9001 Kvalitetsstyring og Iso 14001 Miljøstyring



NEW ROOF COATING SYSTEM REDUCES GLOBAL WARMING

PROFESSIONAL

Iso Paint Nordic presents
ClimateCooler™ ...

RETURN THE SUN RAYS TO WHERE THEY CAME FROM!

In recent years, there has been much talk about the climate. Global warming is a reality. The U.S. Secretary of Energy and Nobel laureate Steven Chu has stated that improved sun reflecting abilities of buildings will constitute a big step forward in the fight against global warming.

Tougher legislation is being introduced around the world, and customers expect environmentally friendly solutions. Iso Paint Nordic has developed ClimateCooler™, an intelligent roof coating system, which insulates and reflects sun rays back into space.

GOOD FOR CLIMATE AND BUSINESS

ClimateCooler™ builds on the same quality requirements from the already known success Isonit Roof coating. What's new is that ClimateCooler™ contains special UV-pigments, enabling the roof surface to reflect sun rays more effectively by up to 70%. Moreover ClimateCooler™ has a self-cleaning effect of the surface thanks to the use of nano silanes.

BENEFITS



Flexible and easy to work with! ClimateCooler™ is applied on clean, dry surfaces. The product has good flow and spreading capacities, it is UV stabilized, self-cleaning, water repellent, has heat and sun reflecting pigments while being open for diffusion.



ClimateCooler™ is a so-called "cool paint" induced with technology that improves the surface with the ability to reflect up to 70% of sun rays. At the same time it significantly improves roof quality, durability and functionality.

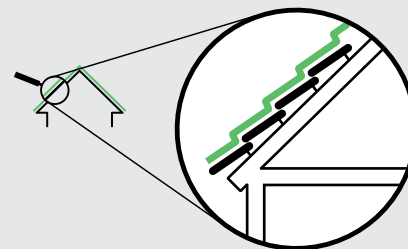
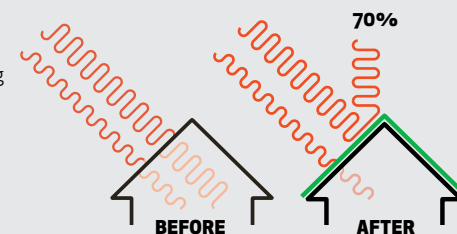


ClimateCooler™ has scientifically proven efficacy. As such, ClimateCooler™ can contribute to an improved climate. As an added benefit, the building owner can achieve financial savings because the roof surface and design last longer as a result of reduced heat stress. The cost of cooling the building can be significantly reduced and it also achieves a better indoor climate.

HOW CLIMATECOOLER™ WORKS

ClimateCooler™ improves what is technically referred to as "Total Solar Reflectance" (TSR), i.e. the ability of the surface to reflect sun rays. The higher the TSR, the lower the uncontrolled heat build-up of the building.

Without treatment by ClimateCooler™, the building absorbs the sun rays resulting in increased costs for cooling. The exact degree of absorption depends on the pigment colour and roof type.



ClimateCooler™ is not only a weapon in the fight against global warming. ClimateCooler™ also ensures an extended roof life and a significant improvement in energy conservation. As a result, building cooling costs can be reduced and it also achieves a better indoor climate by bringing down the temperature.

Hotel Clarion in Copenhagen has with great success and as the first hotel in Denmark treated its roof surfaces with ClimateCooler™.

The photo shows the Environmental Coordinator and Technical Manager Benny Østerbye who expects annual savings of approx. 40 - 50,000 kWh which is equivalent to 27 tonnes of CO2 emissions per year, which can be converted to driving 170.000 km in a car (165g/km).

