

Power-SunTherm / CoolRoof

Energy Savings and CO² Reduction with Intelligent Coating Systems

CoolRoof products by Power Color International significantly improves the air-conditioning requirements, and at the same time, extends the service life of the roofs.

Halls and buildings equipped with air-conditioning systems release vast amounts of CO².

Now operators and owners of industrial facilities, etc., have the opportunity to drastically reduce their air-conditioning costs – and save the environment by using less CO² emission



How can one lower energy costs by coating the roof?

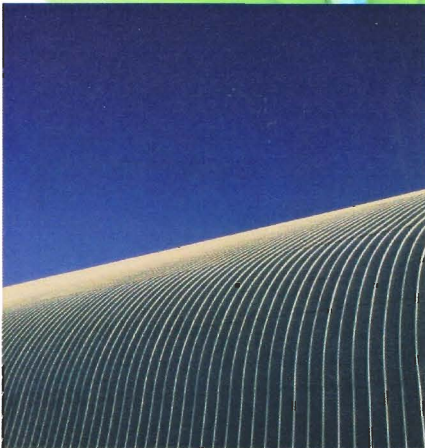
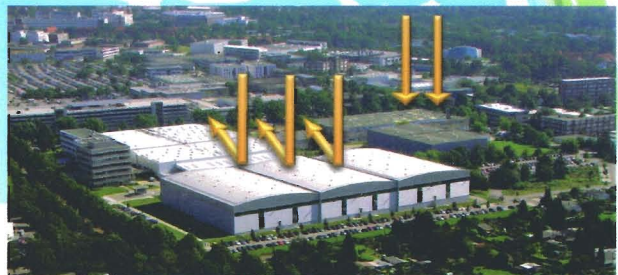
Roof coating systems by Power Color International block the heat by reflecting 95% of short-wave infrared radiation.

This means radiation, which usually heats up the roofs, is not absorbed by the roof's surface anymore. The result: enormous energy savings.

In particular black roofs of industrial buildings generate vast amounts of heat, creating structural stresses throughout the entire building complex. This leads to cracks, porous and leaking roof surfaces. Short service life, moss, and algae build-up are the result.

Power-SunTherm/CoolRoof is economical and can be applied to:

- bitumen roofs
- fibre-reinforced cement panels
- all types of metal substrates
- plastic roof panels
- cement and clay bricks
- industrial facilities
- residential buildings
- shopping centres
- livestock husbandry



Advantages:

- reflects 95% of short-wave infrared radiation
- exceptional heat emission, resulting in reduced energy costs for airconditioning systems
- environmentally friendly and CO² emission reduction
- cost-effective & economical
- fills all cracks, is resilient & elastic
- watertight
- very good adhesion capability
- contains fungicidal agents and is anti-corrosive
- lightfastness 7-8 (lowest 1 highest 8)
- thermoplastic properties
- high temperature-resistant



This way the heat stays outside!
Protect your roof and save your money, cost-effective surface coating systems by Power Color International.

