

CARBON REDUCED SOLAR ABSORBERS



CREATE
THE
DIFFERENCE



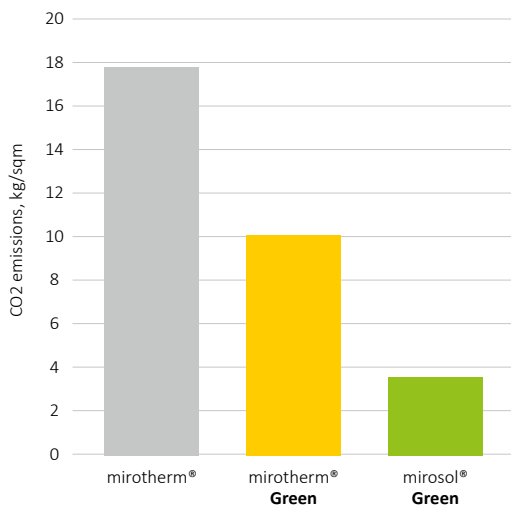
SOLAR

mirotherm® **Green**/mirosol® **Green** solar absorbers

Reduce your carbon footprint

Solar thermal energy generation as a renewable energy source, already saves a lot of CO₂. However, considerable amounts of CO₂ are still generated in the production of aluminium. Aluminium can be recycled infinitely and with virtually no loss in quality. That is why, together with our partners, we developed two new absorbers made of sustainably produced aluminium plus we are using 100% electricity from hydropower in our production. Thus, the two new surfaces offer a drastically reduced carbon footprint along the entire value chain: mirotherm® **Green** und mirosol® **Green**.

The ideal basis for environment-friendly solar absorbers



mirotherm® **Green**

44% less CO₂ emissions along the total value chain with the same high absorption rate of 95% and an emission of max. 5%.

mirosol® **Green**

80% less CO₂ emissions compared to the common standard, 90% absorption rate, lower stagnation temperature and higher corrosion resistance. Given average sunshine hours in Germany, mirosol® **Green** achieves more than 90% of the average annual output of Alanod mirotherm®.

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