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Solar absorbers

# Carbon reduced solar absorbers

# Reduce your carbon footprint

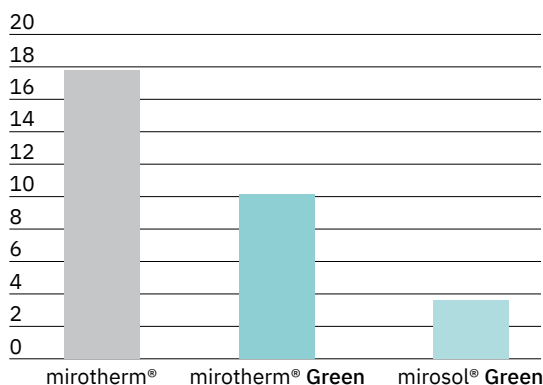
## The ideal basis for environment-friendly solar absorbers

Solar thermal energy generation as a renewable energy source already saves a lot of CO<sub>2</sub>. However, considerable amounts of CO<sub>2</sub> 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, and 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**.

## mirotherm® Green / mirosol® Green solar absorbers

CO<sub>2</sub> emissions, kg/sqm



### mirotherm® Green

44 % less CO<sub>2</sub> emissions along the total value chain with the same high absorption rate of 95 % and an emission of max. 5 %.

### mirosol® Green

80 % less CO<sub>2</sub> 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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