



## Active EuraCool

*EuraBuild Active, coatings that work!*

Dark colours are regularly used in architecture. The disadvantage of using dark colours is that they absorb most of the sun's energy. High exterior surface temperature will result in higher temperatures inside a building.

### EuraCool, a cool solution for a hot topic

Due to the highly intelligent coating technology used for Active EuraCool the energy absorbance is reduced. Depending on the geographical location of a building this can reduce the surface temperature up to 10 °C. This leads to subsequent savings in a building's energy consumption.

### Advantages of EuraCool

A higher solar reflectance will not only influence the lifetime of the coating and facade, it will meet the requirements of building environmental rating schemes such as LEED.

Colour	EuraBuild Standard (TSR)	EuraBuild Active EuraCool (TSR)
Ral 7015	9%	44%
Ral 8022	5%	38%
Ral 7010	12%	37%
Ral 7035	41%	65%
Ral 6005	11%	32%
Ral 5009	13%	33%
Ral 3011	26%	42%
Ral 6011	21%	35%
Ral 7022	18%	32%
Ral 5008	18%	32%

The total solar reflectance (TSR) is expressed as the fraction of the incident solar energy which is reflected by the surface in the three areas of the solar spectrum (ultra violet, visible and infra red). 100% TSR means the product reflects 100% of the incident solar energy in each area of the solar spectrum.

### Benefits and specifications

- High quality coating system (PVDF based)
- Up to 90 gloss units
- Reduce the surface temperature up to 10 °C



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