



// Application



Processing by hot air welding

KÖSTER

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Solar Reflective KÖSTER TPO
Roofing Membranes



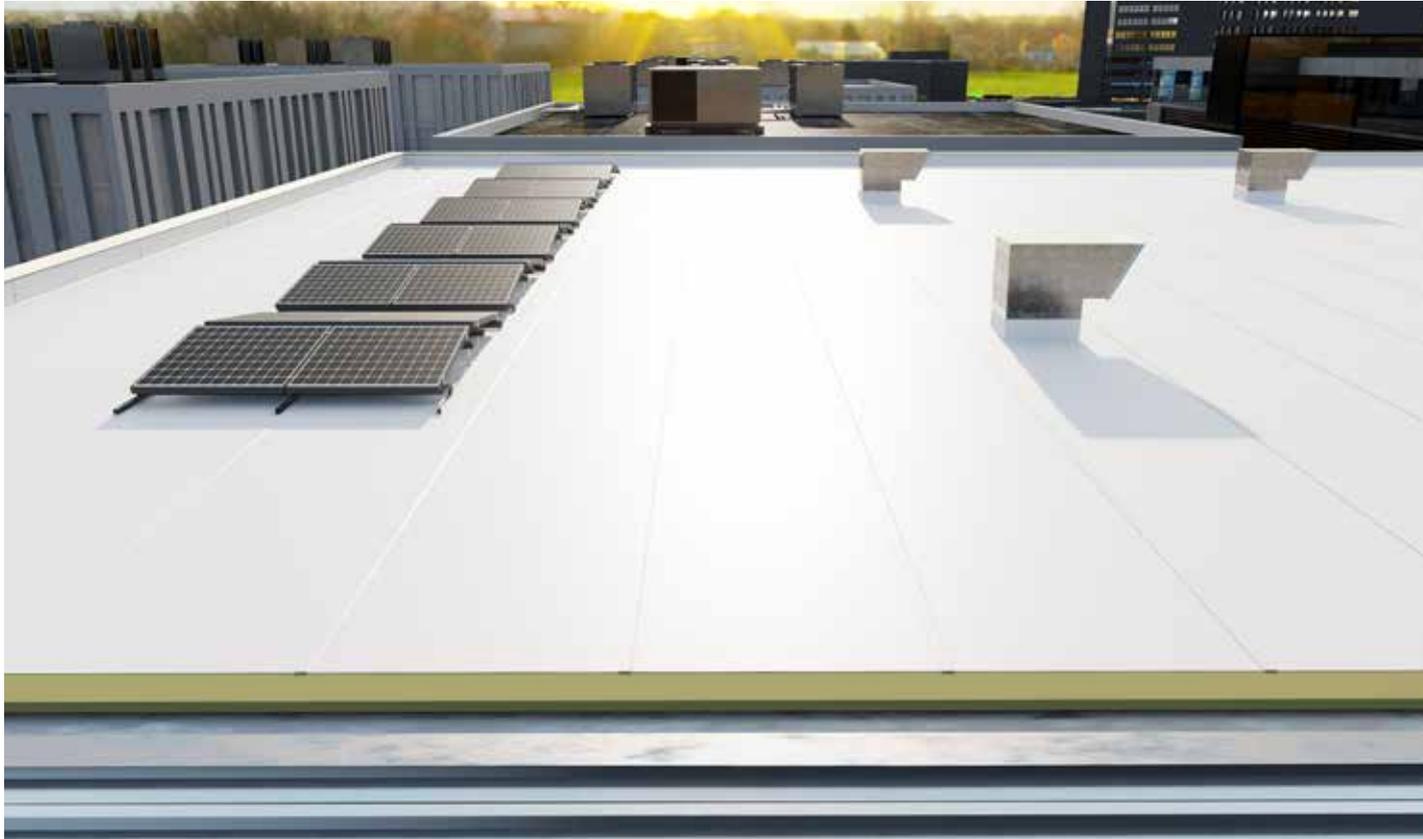
Lowers the internal temperature

The building is spared

High Solar Reflectance Index



// The system



// Higher yield with solar systems



Key features at a glance



No non-molecularly bound plasticizers



building-gently



Reflects sunlight



Energy-saving



Cooling effect

// The product

KÖSTER TPO white

is a white hot-air-welding plastic roofing and waterproofing membrane made of thermoplastic polyolefins (TPO) based on Polyethylene with centrally embedded glass fleece reinforcement. KÖSTER TPO roofing and waterproofing membranes in white are used to waterproof roofs that are exposed to the elements. It is characterized by a high SRI value (106) and thus reduces the heating of the building envelope.

In this way, KÖSTER TPO defies the increased stress caused by global warming and is very effective in increasingly hot summers and in mediterranean areas.



// Solar Reflectance Index

The SRI value (Solar Reflectance Index) is the relative temperature of a surface in relation to a standard white surface (SRI = 100) and a standard black surface (SRI = 0) under standard conditions.

KÖSTER TPO white		
Heat Transfer Coefficient [W/m ² K]	Wind Speed[m/s]	SRI Value [-]
5	0 bis 2	106
12	2 bis 6	105
30	6 bis 10	105