



SOLAR REFLECTANCE INDEX

SOLAR REFLECTIVE KÖSTER TPO ROOFING MEMBRANES

CONTACT DETAILS

SRI - KÖSTER TPO Roofing Membranes

KÖSTER TPO white		
Heat Transfer Coefficient [W/m²K]	Wind Speed [m/s]	SRI Value [-]
5	0 to 2	106
12	2 to 6	105
30	6 to 10	105

Features:

- Consistent material quality throughout (no difference between upper and lower layer)
- Hot air welding provides a homogeneous weld
- Temperature and weather resistant
- Aging and rot resistant
- High flexibility at low temperatures ($\leq -50\text{ }^{\circ}\text{C}$)
- UV-stable
- Root resistant
- Compatible with bitumen
- Compatible with polystyrene
- Compatible with all insulation types
- Resistant to mechanical stress
- Resistant to microorganisms and rodent attack
- Environmentally friendly
- Plasticizer-free
- Free of softeners and chlorine
- Safe for health, water, soil, animals, and plants
- Recyclable



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Plasticizer-free

Hot Air Welded

Cooling

20 years
Product
Guarantee



KÖSTER TPO ROOFING MEMBRANES

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The KÖSTER TPO Roofing Membrane in White

KÖSTER TPO Roofing Membranes are made of flexible polyolefins. The membrane is embedded with glass fleece in order to achieve a high dimensional stability and high mechanical perforation resistance.

Achieving energy efficiency through color: less heat is produced from sun exposure onto light surfaces than onto dark surfaces. With the KÖSTER TPO Membrane in white, sunlight is reflected. As a result, the roof temperature is reduced. In addition to lowering the cooling demand for the entire building, a low roof temperature also increases the efficiency of the installed photovoltaic system. In cases where a ventilation system is present, the transportation of cool air throughout the building is also dramatically increased. This leads not only to reduced energy consumption but also has a positive effect on the environment.

KÖSTER TPO Membranes are UV-stable, aging resistant, and resistant against microorganisms. Due to their great compatibility, KÖSTER TPO Membranes are suitable for installation over bitumen roofs and for the installation over EPS insulation materials.

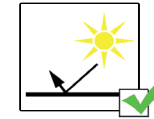


The KÖSTER BAUCHEMIE AG is a leading global producer of TPO and ECB roofing membranes with over 25 years experience.

All advantages at a glance:



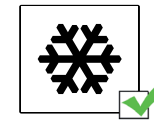
Does not contain non-molecularly bound plasticizers



Reflects sunlight



Energy-saving



Cooling

