

**KÖSTER**

KÖSTER at your service – worldwide.



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Issued: 10/2024

**KÖSTER**

Pioneer in Sustainability  
KÖSTER TPO Pro



Reduce Carbon Emissions

Reduce Energy Use

High SRI (> 94)

 **MADE IN GERMANY**



## // The product



KÖSTER TPO Pro is a highly specialized roof waterproofing membrane for professional use on freely weathered industrial roofs in lightweight construction.

- Above average durability
- Homogeneous material composition
- Easy and safe installation
- Top technical values
- Free of volatile plasticizers, PVC and bitumen
- No mineral fillers
- Single layer application

KÖSTER TPO Pro provides with its high sustainability, economy and longevity a modern and resource friendly building culture.

## Why KÖSTER TPO Pro?

### Extremely resource-saving

- Environmentally friendly
- Reduce carbon emissions: 10,000 sqm KÖSTER TPO Pro save 18,600 kg CO<sub>2</sub>.
- Reduce energy use, because of high SRI value (>94)



### Particularly economical

- Long lifespan of more than 30 years
- Recyclable after end of lifespan
- Use of recycled material

### Sustainable

- Using recycled polymers contributes to a sustainable building culture
- Contributes to the criteria for a DGNB certificate.
- Environmental product declaration (EPD) of the Institute Building and Environment (IBU).



Das Kunststoff-Zentrum SKZ

### Carbon Footprint

This document confirms that on behalf of

**KÖSTER**  
Waterproofing Systems

KÖSTER BAUCHEMIE AG  
Dieselstraße 1-10  
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the Carbon Footprints<sup>1</sup> (CF) have been determined for the following products:

KÖSTER TPO Pro partially from recycle	Waterproofing membrane from virgin LDPE
1.24 kg CO <sub>2</sub> -eq.	2.18 kg CO <sub>2</sub> -eq.
relating to 1 kg of the respective product.	

Using 1 kg KÖSTER TPO Pro instead of 1 kg similar waterproofing membrane from virgin LDPE reduces greenhouse gas emissions by about 0.940 kg CO<sub>2</sub>-eq.

Wurzburg, 30.09.2024

Dipl.-Ing. (FH) Markus Hoffmann  
SKZ – Das Kunststoff-Zentrum

<sup>1</sup>The Carbon footprint was calculated using established, science based methods. The calculation was conducted based on the ISO 14040 LCA standards, DIN EN ISO 14040, DIN EN ISO 14044 and the standard DIN EN ISO 14067 "Carbon footprint of products". The system boundary was set "cradle-to-gate". The comparison is subject to limitations.

