



// Application

Installation of KÖSTER TPO waterproofing membranes



Installation of the drainage sheet



Installation of the green roof construction



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Roof waterproofing on green roofs mit KÖSTER TPO



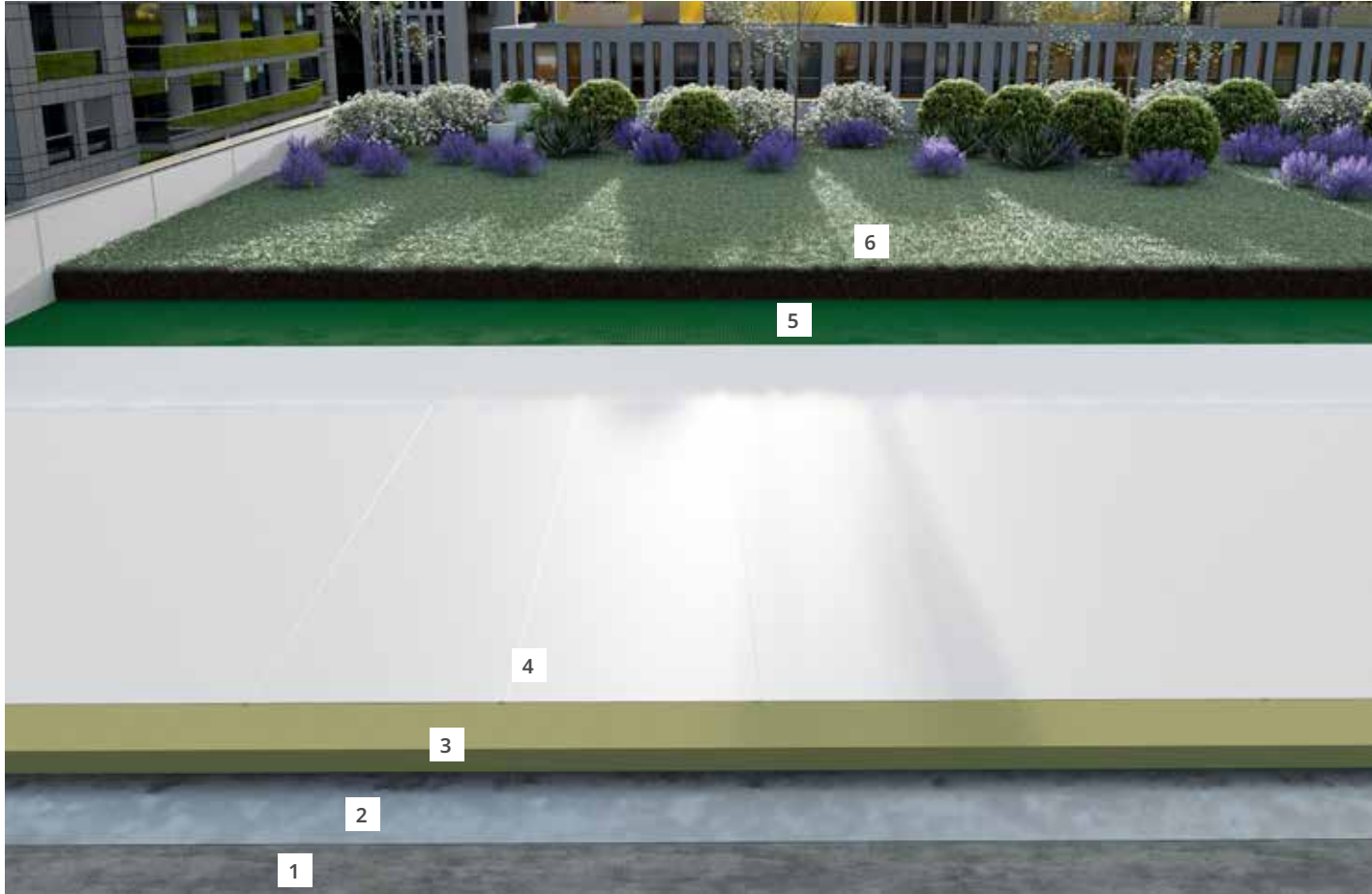
Moderation of urban heat effect

Retaining a part of the rain water

Improvement of air quality

MADE IN GERMANY

// The system



// Exemplary layer structure

- 1 Concrete substrate
- 2 Bituminous vapor barrier
- 3 Insulation
- 4 Light grey KÖSTER TPO membrane
- 5 Drainage sheet
- 6 Green roof construction

Key features at a glance

- The real benefits can go from the simple efficiency of retaining a part of the rain water
- Relief of the sewage system
- the moderation of urban heat effect
- the improvement of air quality
- to act as a fire retarding agent
- noise reduction by absorbing decibels

// The products



KÖSTER TPO 1.8 / KÖSTER TPO 2.0

is a white hot-air-welding plastic roofing and waterproofing membrane made of thermoplastic polyolefins (TPO) based on PE with centrally embedded glass fleece reinforcement.

KÖSTER TPO roofing and waterproofing membranes can be mechanically fastened or **used under ballast (e.g. gravel, green roofs)** to seal roofs that are exposed to direct weathering. KÖSTER TPO roofing and waterproofing membranes can be used in building waterproofing in accordance with DIN 18531-18535.

High demands are placed on roofs with green roofs in terms of root resistance, protection against aging, permanent elasticity and freedom from toxic additives and plasticizers. KÖSTER TPO roofing membranes combine all of these properties and are also 100% recyclable. No additional root-resistant layer is required.

The KÖSTER TPO roofing and waterproofing membranes are processed in accordance with the installation instructions and the technical handbook of KÖSTER BAUCHEMIE AG.

