



## KÖSTER Concrete Connection Profile T 240-4 Technical Data Sheet J 840 025

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### Waterstop profile designed for mechanically anchoring and connecting KÖSTER TPO and KÖSTER ECB Membranes with concrete

#### Features

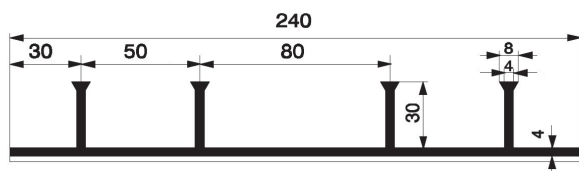
KÖSTER Concrete Connection Profile T 240-4 is manufactured from a special mix of ECB and HDPE using a high pressure extrusion process. The ribbed side of the profile is cast together with the concrete. After the concrete cures it forms a very strong and waterproof bond with the concrete. The smooth side of the profile is welded to synthetic membranes based on

- KÖSTER ECB
- KÖSTER TPO
- HDPE (welding tests required)
- Modified HPE (welding tests required)

#### Advantages

- homogeneous seam bonding with hot air welding
- temperature and weather resistant
- aging and rot resistant
- high cold flexibility ( $\leq -50^{\circ}\text{C}$ )
- UV-stable - root resistant
- resistant against normal mechanical stresses
- resistant to microorganisms and rodent attack
- environmentally friendly
- free of volatile softeners and chlorine
- safe for health, water, soil, and plants
- recyclable

#### Technical Data



#### Fields of Application

KÖSTER Concrete Connection Profile T 240-4 is used for the waterproofing of construction joints, dilatation joints, pile heads, and all types of custom waterproofing detail solutions.

#### Substrate

Adhere to the best practice procedures for designing, casting, compacting, and curing concrete.

#### Application

Attach the KÖSTER Concrete Connection Profile T 240-4 to the concrete formwork in such a manner that when pouring concrete the ripped side is filled with fresh concrete. Good concrete compaction is

essential for a waterproof bond. Do not move or apply force until the concrete has cured for 3-7 days. When welding with membranes use suitable hot air welding equipment such as the Leister hand welder set to the correct temperature settings.

When joining to profiles, heat both sides and butt the joint while the edges of the profiles are still plastified. Let the butt joint cool without moving or applying force. Always test for a secure bond.

#### Cleaning

Clean the KÖSTER Concrete Connection Profile T 240-4 of any cement lime residue before welding.

#### Safety

Adhere to all local, state, and governmental safety regulations when installing this product.

#### Related products

KÖSTER ECB 1.5 U S  
KÖSTER ECB 2.0  
KÖSTER ECB 2.0 U  
KÖSTER ECB 2.0 U S

Prod. code RE 815 U S  
Prod. code RE 820  
Prod. code RE 820 052 U  
Prod. code RE 820 U S

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.