KÖSTER
TPO U Membranes

Technical guideline / Article Number **RT 8 U**
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Polyolefin based, homogenous roof and waterproofing membrane

Features

Homogeneous KÖSTER TPO U roofing and waterproofing membranes can be used as formable, custom cut pieces at details or where geometrical considerations require custom solutions. KÖSTER TPO U membranes have neither centrally embedded glass fiber mesh nor fleece coating on the underside.

Homogeneous KÖSTER TPO U roofing and waterproofing membranes are considered accessories and are used for flange formation and corner reinforcement.

KÖSTER TPO U roofing and waterproofing membranes consist of pure polyolefin. The KÖSTER TPO U roofing and waterproofing membranes are waterproof, chemically resistant, and resistant to stress cracking.

Technical data

Length	20 m
Thickness	2.0 mm
Width	52.5 cm

Field of application

The homogeneous KÖSTER TPO U roofing and waterproofing membrane is used as a blank for the creation of flange connections, for example at penetrations or for corner reinforcement.

KÖSTER TPO roofing and waterproofing membranes are used for area waterproofing.

Application

According to the required shape blanks are created, which are then homogeneously welded to the KÖSTER TPO roofing and waterproofing membrane by hot air.

Welding seams

The connection of the sheets is performed by hot air welding using automatic welding machines and manual welding tools. The membranes are plasticized in the overlapping area by the hot air flow and homogeneously connected by compressing with a roller. During this procedure a weld seam is formed and material should flow slightly from the overlap. This should be kept as small as possible, but must be visible. The welding seam is an indicator of a secured and waterproof connection.

Technical Guidelines cited:

KÖSTER PUR Membrane Adhesive	Art. Nr. RT 101
KÖSTER TPO Membranes	Art. Nr. RT 8
KÖSTER TPO F Membranes	Art. Nr. RT 8 F

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