



KÖSTER Dachablauf abgewinkelt - TPO DN 110

Technical Data Sheet RT 914 022 A

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Angled roof drain with KÖSTER TPO flange

Features

- Roof drain for insulated and non-insulated flat roofs
- With KÖSTER TPO flange for welding directly onto KÖSTER TPO roof Waterproofing Membranes
- Excellent weather stability (UV / IR radiation)
- Resistant to the usual influences from environmental pollution
- Shock and impact resistant
- Durable
- Excellent functionality through tested, norm-compliant discharge values
- DIN EN 12056 Part 3 - Roof drainage
- DIN 1986 Part 100 - Drainage systems for buildings and properties
- DIN EN 1253 - Drainage for buildings
- DIN EN 1124 - Pipes and fittings made of longitudinally welded, stainless steel pipe with plug-in socket for sewer pipes
- DIN 18 200 - Certificate of conformity for construction products - In-house production control, external monitoring and certification
- DIN 18531 - waterproofing for non-trafficked roofs
- DIN 18195 / 18332ff - building waterproofing

Related products

- KÖSTER TPO 1.5
 - KÖSTER TPO Pro 1.5
 - KÖSTER TPO 1.5 SK (FR)
 - KÖSTER TPO 1.8
 - KÖSTER TPO Pro 1.8
 - KÖSTER TPO 2.0
 - KÖSTER TPO 2.0 F
 - Galvanized leaf trap, NW 100
- Prod. code RT 815
 Prod. code RT 815 150 Pro
 Prod. code RT 815 SK (FR)
 Prod. code RT 818
 Prod. code RT 818 150 Pro
 Prod. code RT 820
 Prod. code RT 820 F
 Prod. code RT 915 009

Technical Data

- Fully welded tube and mounting ring made of acid-resistant stainless steel AISI 316 / EN 1.4401
- Installation flange: KÖSTER TPO Composite Metal Sheet
- Connection sleeve: KÖSTER TPO
- Dimensions of the cuff: 350 x 350 mm
- Dimensions of flange: 230 x 230 mm
- Connection diameter: DN 110
- Tube length: 565 mm

Drainage values according to DIN EN 1253:

Accumulation height in mm

Flow rate in l/s

5	10	15	20	25	30	35	40	45	50	55	60
1.0	1.8	2.9	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0

Fields of Application

Angled roof drain with KÖSTER TPO flange, for drainage of insulated and non-insulated flat roofs. Can also be used as parapet drainage.

Application

The roof drain is mechanically attached to the substructure. The connection sleeve is welded directly onto the KÖSTER TPO Roofing Membrane using hot air welding.

The installation of the KÖSTER Extension Element is carried out according to the KÖSTER installation instructions, the KÖSTER TPO Installation Instructions and the Technical Manual from the KÖSTER BAUCHEMIE AG.

The specifications of the Flat Roof Guidelines and DIN 18531 must be observed.

Safety

Observe all local, state, and governmental safety guidelines when installing the product.

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 application 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.

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