

Technical Information Sheet



FDT Rainwater Outlet

Delivery form	Item Number
1 pc. Rainwater Outlet Rhepanol RWE 110	14 20 050
1 pc. Rainwater Outlet Rhepanol RWE 125	14 20 060
1 pc. Rainwater Outlet Rhenofol RWE 110	14 21 050
1 pc. Rainwater Outlet Rhenofol RWE 125	14 21 060

Note: For other dimensions, please refer to the price list/product catalogue

Description

The FDT Rainwater Outlet (RWE) can drain roof surfaces vertically through the roof structure. Further connection to a pipe system for water drainage or installation as an extension element on a rainwater outlet. Depending on the installation situation, appropriate backflow protection must be ensured.

Preparation

Clean the installation area.

Application and processing

All non fleece backed Rhepanol roofing membranes can be welded to the Rhepanol Rainwater Outlet (PP) in accordance with the installation instructions. Alternatively, FPO/TPO (PP) and bitumen membranes can also be connected.

All Rhenofol roofing membranes can be welded to the Rhenofol Rainwater Outlet (PVC) in accordance with the installation instructions. Alternatively, PVC/EVA roofing membranes can also be connected.

Note: In principle, the connectability/weldability of both variants must be verified by means of welding tests.

Properties

Item Number	Designation	Outer diameter d	For pipe diameter DN/OD ¹⁾	nozzle length
14 20 000	Rhepanol-RWE 50	50 mm	DN/OD ¹⁾ 50/50	320 mm
14 20 020	Rhepanol-RWE 63	63 mm		320 mm
14 20 030	Rhepanol-RWE 75	75 mm	DN/OD ¹⁾ 70/75	320 mm
14 20 040	Rhepanol-RWE 95	95 mm		320 mm
14 20 050	Rhepanol-RWE 110	110 mm	DN/OD ¹⁾ 100/110	320 mm
14 20 060	Rhepanol-RWE 125	125 mm	DN/OD ¹⁾ 125/125	320 mm
14 20 080	Rhepanol-RWE 160	160 mm	DN/OD ¹⁾ 150/160	320 mm

¹⁾ OD = outer diameter (mm)

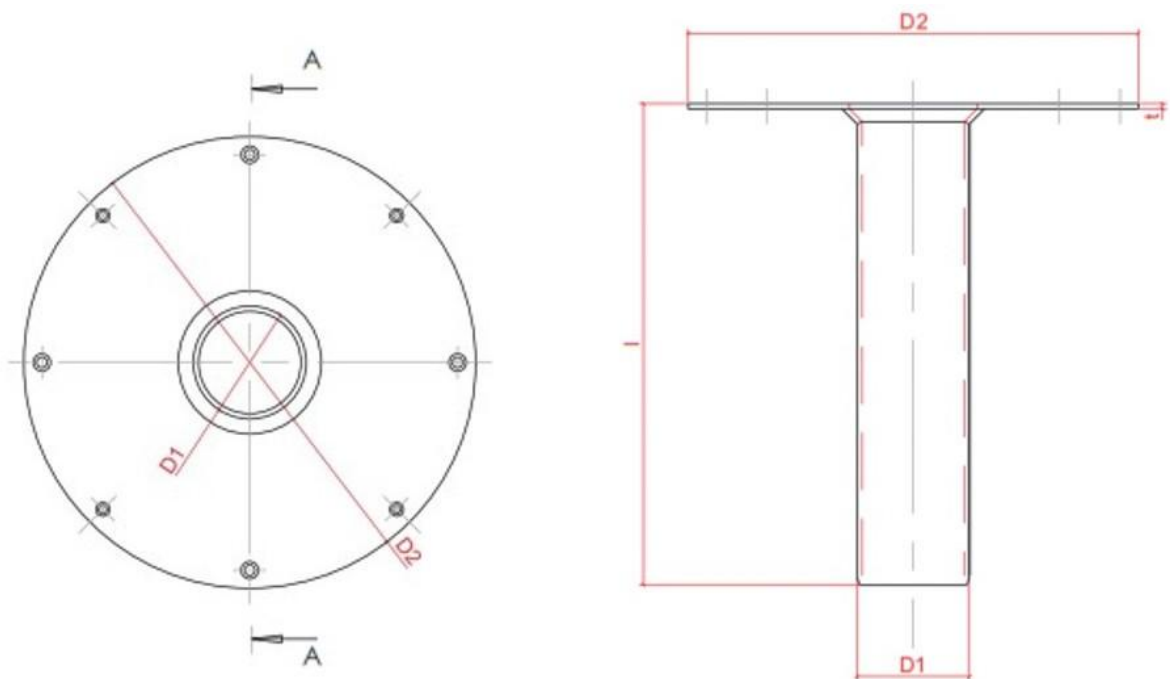
Item Number	Designation	Outer diameter d	For pipe diameter DN/OD ¹⁾	nozzle length
14 21 020	Rhenofol-RWE 63	63 mm		320 mm
14 21 030	Rhenofol-RWE 75	75 mm	DN/OD ¹⁾ 70/75	320 mm
14 21 040	Rhenofol-RWE 95	95 mm		320 mm
14 21 050	Rhenofol-RWE 110	110 mm	DN/OD ¹⁾ 100/110	320 mm
14 21 060	Rhenofol-RWE 125	125 mm	DN/OD ¹⁾ 125/125	320 mm
14 21 080	Rhenofol-RWE 160	160 mm	DN/OD ¹⁾ 150/160	320 mm

¹⁾OD = outer diameter (mm)

Flow rate (damming height in mm)

Designation (mm)	10 mm	15 mm	25 mm	35 mm	45 mm	55 mm	65 mm	75 mm
RWE 50	0.6	1.0	2.1	3.7	5.2	5.3		
RWE 75	0.8	1.3	2.5	4.6	7.4	10.1	13.2	15.3
RWE 95	0.9	1.4	2.8	5.3	8.1	11.0	14.6	15.8
RWE 110	1.0	1.6	3.2	5.5	8.6	11.9	15.8	17.2
RWE 125	1.1	1.7	3.1	5.5	8.2	11.8	16.0	18.9
RWE 160	1.1	1.8	3.0	5.6	9.2	13.8	18.6	20.6

Overflow rate: liters per second



Overflow		
D1 (inside diameter)	50/63/75 mm	95/110/125/160 mm
D2 (outer diameter)	300 mm	380 mm
l (nozzle length)	320 mm	320 mm
t (material thickness flange)	3.5 mm	3.5 mm

Optional orderable accessories:

FDT lip seal

The lip seals are suitable for backflow-proof installation of rainwater outlets as well as for installation directly into the downpipes and old rainwater outlets.

Item Number	Designation	Diameter of downpipe/existing rainwater outlet
14 22 010	for RWE 95	100/110
14 22 020	for RWE 95	125/125
14 22 030	for RWE 125	150/160
14 22 040	for RWE 160	200/200

Consumption

The quantities required for each project must be determined by means of a drainage calculation.

Storage

Keep dry in its original packaging.

Shelf life

Unlimited, provided it is stored correctly.

Packaging and disposal

Disposal codes/Waste code: 17 02 03 (plastics)

Precautions and health and safety

General safety regulations must be observed.

Transport

General safety regulations must be observed.

Please note: As our products are constantly evolving, please contact our technical department or visit www.fdt.de for the latest information on our products.

Legal Notice:

We refer emphatically to the fact, that all details mentioned, especially the application and utilization recommendation for the products and their system accessories, have been developed under normal conditions, and based on our knowledge and experience. Appropriate storage and usage of the products are assumed. A warranty or reliability of a finished project cannot be deduced because of varying materials, substrates and differing work conditions, neither by any indications nor from verbal statements, irrespective of any legal positions. For the possible accusation that FDT acted intentionally or grossly negligent, the user has to supply evidence that they provided FDT with all information and details necessary for an appropriate and correct evaluation through FDT in written form, immediately available and complete. The user is responsible for ensuring that the products are suitable for the given application. It is FDT's right to change product specifications without notice. Property rights of third parties are to be considered. In addition, our particular sales and delivery terms are valid. The latest version of our product data sheet is obligatory, which can be requested directly through FDT. All information as well as all technical and drawing data comply with current technical standards and are based on our experience. National standards and regulations must be observed.

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