

Technical Information Sheet



FDT water spout

Delivery form	Item Number
1 piece Rhepanol-spout 75	14 20 510
1 piece Rhenofol-spout 75	14 21 510
1 piece Rhepanol-spout, special type	14 20 830
1 piece Rhenofol-spout, special type	14 21 830
<i>Note: For other dimensions, please refer to the price list/product catalogue</i>	

Description

The FDT Water Spout is a horizontal drainage system for flat roofs, available in two versions made from PVC (gray) and PP (beige).

Preparation

Clean the installation area.

Application and processing

When waterproofing areas such as patios, canopies and garages, a water spout can be fitted to collect and drain away rainwater.

All non fleece-backed Rhepanol roofing membranes can be sealed to the Rhepanol Water Spout (PP) in accordance with the installation instructions. Alternatively, FPO/TPO (PP) and bitumen membranes can also be sealed.

All Rhenofol roofing membranes can be sealed to the Rhenofol Water Spout (PVC) in accordance with the installation instructions. Alternatively, PVC/EVA roofing membranes can also be sealed.

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

A hole is cut out of the installed roofing membrane at the rising edge of the roof to accommodate the relevant water spout. The water spout is pushed through the opening so that the flange lies flush against both surfaces (vertically and horizontally). The flange is then secured using suitable fasteners in the substrate. The connection to the roof membrane is made by using hot-air welding, in accordance with the relevant installation instructions.

Properties

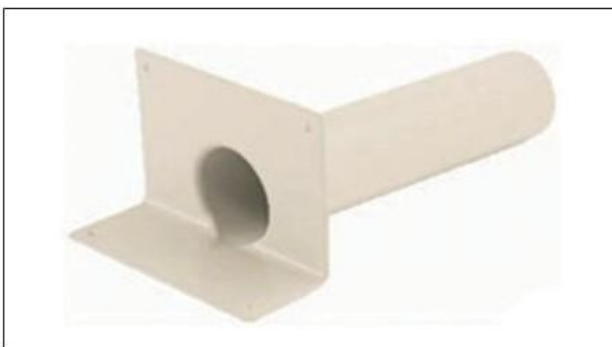
Item Number	Designation	Outer diameter d (mm)	Slope	Nozzle length (mm)	Flange diameter (mm)
14 20 500	Rhepanol-Spout 50	50	5°	480	115/185x280
14 20 510	Rhepanol-Spout 75	75	5°	480	115/185x280
14 20 520	Rhepanol-Spout 110	110	5°	480	115/185x280
14 20 830	Rhepanol-Spout, Special type	acc. to specifications ¹⁾	2°	acc. to specifications ¹⁾	acc. to specifications ¹⁾
14 21 500	Rhenofol-Spout 50	50	5°	480	115/185x280
14 21 510	Rhenofol-Spout 75	75	5°	480	115/185x280
14 21 520	Rhenofol-Spout 110	110	5°	480	115/185x280
14 21 830	Rhenofol-Spout, Special type	acc. to specifications ¹⁾	2°	acc. to specifications ¹⁾	acc. to specifications ¹⁾

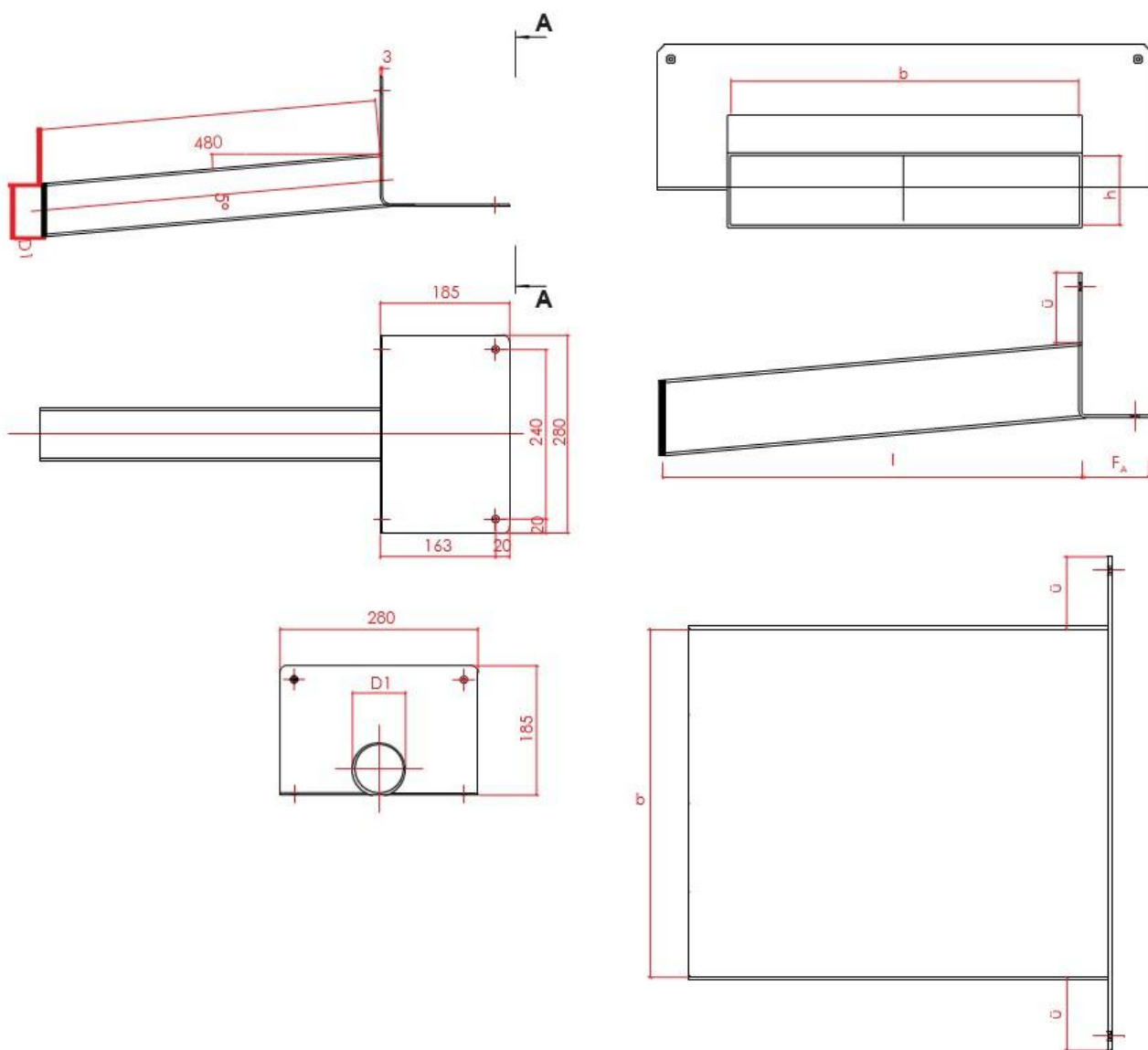
¹⁾ Request order form.

Flow rate (damming height in mm)

Designation	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm
FDT water spout 50	0.2	0.3	0.4	0.5	0.7	0.9	1.0
FDT water spout 75	0.3	0.4	0.5	0.7	0.8	1.0	1.1
FDT water spout 110	0.4	0.6	0.8	1.0	1.3	1.5	1.8
FDT water spout 200 x 100	0.7	1.0	1.4	1.7	2.1	2.5	2.9
FDT water spout 300 x 100	1.1	1.6	2.1	2.6	3.2	3.8	4.4
FDT water spout 450 x 100	1.7	2.3	3.1	3.9	4.7	5.7	6.6
FDT water spout 600 x 100	2.2	3.1	4.1	5.2	6.3	7.5	8.8

The rectangular water spout is a special type of spout and can be ordered via the order form on the FDT website under Roof accessories (water spout).





Standard dimensions

Water spout (round)	
D1	50 mm/75 mm/110 mm
a	280 mm
l	480 mm
t	3.0 mm
Pipe slope	5°

Water spout (square)	
l	500 mm
h	100 mm
b	according to customer requirements
t	4.0 mm
d	5.0 mm
ü	80 mm
F _A	according to customer requirements
Slope	2°

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 occupational 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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