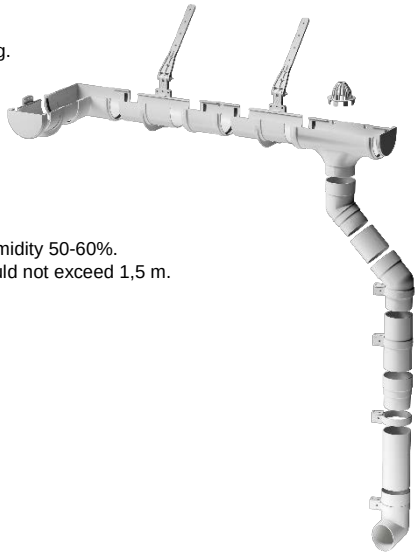
Rain Gutter System Döcke PREMIUM



1. Purpose of the product and general information.

The Rain Gutter System Döcke PREMIUM is a prefabricated structure, designed for draining water from the roof of the building. Rain Gutter System Döcke PREMIUM are made from PVC and/or vinyl chloride copolymers with various additives by co-extrusion and injection molding.

2. Storage rules

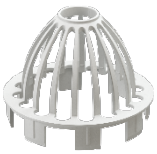
- Products transportation must be carried out on vehicles with covered or tilt bodies, not shorter than the length of the transported material.
- The product must be stored only in the manufacturer original packaging.
- The product must be stored in conditions that prevent moisture and direct sunlight.
- The product must be stored only in covered rooms with ventilation, at temperatures from -35 °C to +50 °C and relative humidity 50-60%.
- For long-term storage (more than 10 days), it is necessary to use pallets or shelving, while the boxes stacking height should not exceed 1,5 m.
- It is strictly forbidden to store products:
  - o without packaging;
  - o in direct sunlight;
  - o near heating devices (at a distance of less than 1,5 m).

3. The capacity and the area of water disposal at a gutter length up to 10 m (calculation in accordance with EN 12056-3 for precipitation intensity 80 l / m² * h).

The location of the pipe relative to the gutter	Leveled (from 0 to 3 mm for 1 running meter)		Inclination 4 mm for 1 running meter	
	l/s	m2	l/s	m2
At the beginning / end	1,47	66,8	1,77	80,45
In the center	2,94	133,6	3,54	160,9

4. Logistics characteristics.

№	Element	Picture	Purpose of use and geometrical parameters	Piece weight, kg	Quantity per pack, pcs.	Gross weight, kg	External package dimensions (LxWxH), mm	Packaging type
1	Pipe, 3 m		Collection and drainage of water. Length – 3 m, 1,5 m, 1 m; Diameter – 85,73 mm.	2,25	5	10,9	3002x260x160	Polyethylene
2	Pipe, 1,5 m			1,07	5	5,5	1510x260x160	
3	Pipe, 1 m			0,75	5	3,7	1002x260x160	
4	Gutter, 3 m		Collection and drainage of water from the roof. Length – 3 m, 1,5 m; Width – 120,65 mm.	1,91	10	16,9	3002x130x130	Polyethylene
5	Gutter, 1,5 m			0,84	10	8,44	1510x155x150	
6	Gutter connector		Sequential joining of gutters into a single system.	0,14	25	3,8	296x291x291	Corrugated cardboard box
7	Corner element 90°		Is installed both on the outer and inner corners of the roof and is designed to join the gutters at an angle of 90 ° in order to change the direction of water movement.	0,24	15	4	541x291x291	Corrugated cardboard box
8	Corner element 135°		Is installed both on the outer and inner corners of the roof and is designed to join the gutters at an angle of 135 ° in order to change the direction of water movement.	0,18	9	1,9	296x291x291	Corrugated cardboard box

№	Element	Picture	Purpose of use and geometrical parameters	Piece weight, kg	Quantity per pack, pcs.	Gross weight, kg	External package dimensions (LxWxH), mm	Packaging type
9	Outlet		The connection of the gutters and the pipe in order to divert water to the lower levels.	0,29	16	5,0	541x291x281	Corrugated cardboard box
10	Gutter guard net		Prevents foliage and pine needles from entering the rainwater drainage system.	0,02	100	2,4	351x286x196	Corrugated cardboard box
11	Down pipe shoe		Water drainage from the gutter system to the ground.	0,18	23	4,5	541x291x281	Corrugated cardboard box
12	Pipe elbow 72°		The transition from the funnel to the pipe, as well as bypassing the architectural elements of the facade at an angle of 72 °.	0,2	20	4,4	541x291x281	Corrugated cardboard box
13	Pipe elbow 45°		The transition from the funnel to the pipe, as well as bypassing the architectural elements of the facade at an angle of 45 °.	0,17	26	4,8	541x291x281	Corrugated cardboard box
14	Pipe connector		Pipe connector with funnel or with other pipe.	0,1	63	6,5	541x291x281	Corrugated cardboard box
15	Gutter plug		Installed on the end of the gutters to ensure the integrity of the system.	0,06	60	3,9	351x286x196	Corrugated cardboard box
16	Outlet plug		Installed on the end of the outlet to ensure the integrity of the system.	0,05	72	3,7	351x286x196	Corrugated cardboard box
17	Universal clamp		Fastening elements of drainage system on the facade of the building. Has two positions: "Pipe" - fastening pipes with a slip; "Fitting" - rigid fixing of fittings and pipes.	0,04	100	5,7	296x291x291	Corrugated cardboard box

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18	Adjustable fastening element		This element is intended for applying gutter on roofs without a frontal board. Length of a shorter part – 169 mm, longer part – 280 mm.	0,1	60	6,3	351x286x196	Corrugated cardboard box
19	Gutter bracket (PVC)		Used for gutter mounting on the roofs with a frontal board or on roofs without a frontal board using an adjustable attachment.	0,05	100	5,7	541x291x281	Corrugated cardboard box
20	Stud bolt with nut		Fastening universal clamp to the wall of the building. Length – 150 mm.	0,05	100	5,0	160x105x110	Corrugated cardboard box
21	Gutter metal bracket		Mounting the gutter on the roofs without a frontal board. Length – 365 mm.	0,3	30	9,7	710x375x95	Corrugated cardboard box