

Rain Gutter System Döcke STAL PREMIUM

1. Purpose of the product and general information.

Rain Gutter System Döcke STAL PREMIUM is a prefabricated structure, designed for draining water from the roof of the building. Döcke STAL PREMIUM single-piece products are made of steel with a double-sided polyurethane polymer coating. The total material thickness is 0.68 mm.

2. Storage rules.

- The product must be stored only in manufacturer's original packaging.
- The product must be stored in conditions that prevent moisture and direct sunlight.
- The product must be stored in covered rooms, with ventilation, at the temperatures from -35°C to +50°C and relative humidity 50-60%.
- In case of storing the boxes in several tiers, the weight pressure of the upper boxes should not be transferred to the products of the lower.
- In case of long-term storing (over 10 days) pallets and shelving is necessary.
- In case of storing the product in the unheated spaces, it is necessary to prevent the condensate formation inside of the package.
- It is strictly prohibited to store the products:
 - without packaging;
 - under direct sunlight;
 - near heating devices (at a distance of less than 1,5 m).





3. Rules of cargo handling.

- Cargo handling of the products longer than 1,5 m must be performed by at least two persons.
- Carrying products by pulling is prohibited.
- While cargo handling it is forbidden to make harsh twitches, which may cause the mechanical damage of the product.


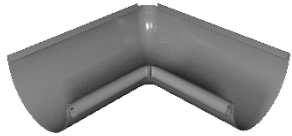

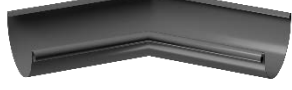




4. Rules of shipping.








- The cargo transportation must be performed only by covered vehicles, with a cargo area not shorter than the transported goods.
- The products must be shipped only in the manufacturers package.
- The packages must be fastened properly inside the vehicle while shipping, due to exclude their spontaneous moving.
- In case of placing the boxes with products in several tiers, the weight pressure of the upper boxes should not be transferred to the products of the lower.


5. Logistic characteristics.

№	Element	Picture	Purpose of use and geometrical parameters	Piece weight, kg	Quantity per pack, pcs	Gross weight, kg	External package dimension (LxWxH), mm	Packaging type
1	Pipe D90 3 m		Collection and drainage of water. Length – 3 m, Diameter – 90 mm.	4,2	66	337	3090x780x1155	Wooden plate
2	Pipe D90 1 m		Collection and drainage of water. Length – 1 m, Diameter – 90 mm.	1,4	20	29	1030x418x448	Corrugated box
3	Gutter D125 3 m		Collection and drainage of water from the roof surface. Length – 3 m, Width – 125 mm.	3,96	200	852	3090x780x1155	Wooden plate
4	Gutter connector with a click D125		Sequential joining of gutters into a unified system.	0,125	70	9,3	516x308x374	Corrugated box



№	Element	Picture	Purpose of use and geometrical parameters	Piece weight, kg	Quantity per pack, pcs	Gross weight, kg	External package dimension (LxWxH), mm	Packaging type
5	Outer corner element 90° D125		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.	0,520	4	3,4	543x436x235	Corrugated box
6	Inner corner element 90° D125		Is installed on the 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.	0,420	4	3,0	497x424x235	Corrugated box
7	Outer corner element 135° D125		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.	0,6	4	3,5	497x424x235	Corrugated box
8	Inner corner element 135° D125		Is installed on the 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.	0,6	4	3,5	497x424x235	Corrugated box
9	Connecting insert (galvanized steel)		Reinforcement of gutter to gutter and gutter to corner element joints	0,035	84	3,1	275x215x96	Corrugated box
10	Gutter outlet D125		The connection of the gutters and the pipe in order to divert water to the lower levels.	0,410	18	7,8	747x394x150	Corrugated box
11	Water collecting funnel Ø90.		Drainage of water to lower levels without use of gutters.	0,97	4	4,3	300x370x370	Corrugated box
12	Spider		Prevents leaves, needles and garbage from falling into the pipe.	0,250	32	8,4	747x394x140	Corrugated box

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13	Down pipe shoe D90		Water drainage from the gutter system to the ground.	0,310	18	6,0	838x270x288	Corrugated box
14	Pipe elbow 72° D90		The transition from the funnel to the pipe, as well as bypassing the architectural elements of the facade at an angle of 72°.	0,310	18	6,0	838x270x288	Corrugated box
15	Pipe connector D90		Joint of two cut pieces of pipe which are not swaged at their endings	0,14	54	8,0	838x270x288	Corrugated box
16	Gutter plug D125		Installed on the end of the gutters to ensure the integrity of the system.	0,1	40	4,2	651x168x90	Corrugated box
17	Pipe clamp D90		Fastening elements of drainage system on the facade of the building.	0,08	40	5,65	275x215x96	Corrugated box
18	Gutter bracket D125		Used for gutter mounting on the roofs with a frontal board.	0,124	78	10,3	632x342x370	Corrugated box
19	Gutter bracket (Short) D125		Used for gutter mounting on the roofs with a frontal board. Length – 172 mm.	0,215	60	13,4	814x385x90	Corrugated box

№	Element	Picture	Purpose of use and geometrical parameters	Piece weight, kg	Quantity per pack, pcs	Gross weight, kg	External package dimension (LxWxH), mm	Packaging type
20	Gutter bracket (Long) D125		<p>Used for gutter mounting on the roofs without a frontal board.</p> <p>Length – 300 mm.</p>	0,316	30	9,8	814x310x90	Corrugated box

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