

SISTEMA EVO

DESCRIPTION: Drain with grate and siphonic trap with integrated waterproofing, factory-assembled, consisting of a WATER-STOP waterproof membrane component.

USE: Construction of built-in shower trays, for domestic or communal use.

STANDARDS: EN 1253-1:2015 EN 1253-6:2023

MANUFACTURER: ESTIL GURU S.L.U.

REFERENCES:

RUBER H50

REFS.	DESCRIPTION	MEMBRANE	SIPHON HEIGHT
IB20015	EVO	1,5 x 2 m	50 mm
IB20016	PLUS EVO	1,5 x 2 m	50 mm
IB20017	ONDE EVO	1,5 x 2 m	50 mm
IB20007	DISUASORIA	1,5 x 2 m	50 mm
IB20100	EVO	1 x 1 m	50 mm
IB20101	PLUS EVO	1 x 1 m	50 mm
IB20102	ONDE EVO	1 x 1 m	50 mm

IB20018	PLUS EVO POLISHED	1,5 x 2 m	50 mm
IB20019	PLUS EVO BLACK	1,5 x 2 m	50 mm
IB20020	PLUS EVO BRONZE	1,5 x 2 m	50 mm
IB20021	PLUS EVO GOLD	1,5 x 2 m	50 mm
IB20104	PLUS EVO POLISHED	1 x 1 m	50 mm
IB20105	PLUS EVO BLACK	1 x 1 m	50 mm
IB20106	PLUS EVO BRONZE	1 x 1 m	50 mm
IB20107	PLUS EVO GOLD	1 x 1 m	50 mm

IB20023	EVO MINT	1,5 x 2 m	50 mm
IB20024	EVO ROSE	1,5 x 2 m	50 mm
IB20025	EVO SAPPHIRE	1,5 x 2 m	50 mm
IB20026	EVO SNOWY	1,5 x 2 m	50 mm
IB20123	EVO MINT	1 x 1 m	50 mm
IB20124	EVO ROSE	1 x 1 m	50 mm
IB20125	EVO SAPPHIRE	1 x 1 m	50 mm
IB20126	EVO SNOWY	1 x 1 m	50 mm

RUBER H28

REFS.	DESCRIPTION	MEMBRANE	SIPHON HEIGHT
IB20015R	EVO	1,5 x 2 m	28 mm
IB20016R	PLUS EVO	1,5 x 2 m	28 mm
IB20017R	ONDE EVO	1,5 x 2 m	28 mm
IB20007R	DISUASORIA	1,5 x 2 m	28 mm
IB20100R	EVO	1 x 1 m	28 mm
IB20101R	PLUS EVO	1 x 1 m	28 mm
IB20102R	ONDE EVO	1 x 1 m	28 mm

IB20018R	PLUS EVO POLISHED	1,5 x 2 m	28 mm
IB20019R	PLUS EVO BLACK	1,5 x 2 m	28 mm
IB20020R	PLUS EVO BRONZE	1,5 x 2 m	28 mm
IB20021R	PLUS EVO GOLD	1,5 x 2 m	28 mm
IB20104R	PLUS EVO POLISHED	1 x 1 m	28 mm
IB20105R	PLUS EVO BLACK	1 x 1 m	28 mm
IB20106R	PLUS EVO BRONZE	1 x 1 m	28 mm
IB20107R	PLUS EVO GOLD	1 x 1 m	28 mm

IB20023	EVO MINT	1,5 x 2 m	28 mm
IB20024	EVO ROSE	1,5 x 2 m	28 mm
IB20025	EVO SAPPHIRE	1,5 x 2 m	28 mm
IB20026	EVO SNOWY	1,5 x 2 m	28 mm
IB20123	EVO MINT	1 x 1 m	28 mm
IB20124	EVO ROSE	1 x 1 m	28 mm
IB20125	EVO SAPPHIRE	1 x 1 m	28 mm
IB20126	EVO SNOWY	1 x 1 m	28 mm



TEST TABLE:

CHARACTERISTICS	METHOD	REQUIREMENT	VALUE
	EN 1253-1	EN 1253-1	
Discharge flow rate	Article 5.9.1	Article 4.8	> 0,4 l/s
Water seal height RUBER H50 (hydraulic seal)	Article 5.3.1	Article 4.2.2	50 mm
Water seal height RUBER H28 (hydraulic seal)	Article 5.3.1	Article 4.2.2	28 mm
Water seal pressure resistance	Article 5.3.2	Article 4.1.6	> 400 Pa
Self-cleaning capacity	Article 5.4.2	Article 4.2.2	Pass
Blockage prevention	Article 5.4.3	Article 4.2.3	Pass
Thermal performance	Article 5.5	Article 4.5	Class A
Water tightness	Article 5.8.2	Article 4.6.2	Pass
Extension watertightness	Article 5.8.2	Article 4.6.3	Pass
Odour tightness	Article 5.8.1	Article 4.6.1	Pass
Watertightness of drain used with waterproof membrane	Article 5.8.3	Article 4.7.3.4	Pass
Mechanical resistance of factory-mounted flange/membrane connection	Article 5.7.3	Article 4.7.3.4	> 100 N
Load resistance	Article 5.6	Article 4.7.1	Class K3
Grating openings (dimensions)	Article 5.1	Art. 4.1.3	< 8 mm
Appearance	-	Art. 4.1.2	Pass
Materials	-	Art. 4.4	Pass

ADDITIONAL INFORMATION:

- » Allows deactivation of the trap if an external water seal trap is present in the drainage system.
- » Secondary drainage with non-return system to eliminate infiltrated water.
- » Total installation height for RUBER H50 (flush with grating), including floor covering + adhesive: minimum 90 mm / maximum 110 mm.
- » Total installation height for RUBER H28 (flush with grating), including floor covering + adhesive: minimum 70 mm / maximum 90 mm.
- » Floor covering thickness when installed at minimum height: 7 mm total including adhesive.
- » Maximum thickness of floor covering + tile adhesive: 23 mm.
- » Push-fit connections between the different elements of the drainage system.
- » Flexible joint decoupling to allow slight movement between components.
- » 360° rotatable horizontal outlet.
- » Includes protective cover for the drain opening during installation.

Warning: To avoid the risk of blockage due to a double trap, it is essential to check before installation whether a siphonic trap is required or if the system will be connected to an external water seal trap.

The body of the system is designed as a siphonic trap, but the water seal can be deactivated. If required, follow the instructions in the installation procedure.

The trap cannot be deactivated or replaced after installation. It is advisable to retain the siphonic trap and connect directly to the waste pipe without using an external trap.

NOTES AND OBSERVATIONS:

The nominal flow rate at 3 bar pressure for most shower heads ranges between 9 and 20 litres per minute (approximately 0.15 to 0.35 l/s). For shower drains, the minimum discharge flow rate required by regulations is 0.40 l/s (24 litres per minute) for a single shower head. This minimum value does not apply to multi-jet showers or installations with multiple showers connected to a single drain.

For information regarding the characteristics of the WATER-STOP membrane, please refer to its [TECHNICAL DATA SHEET](#).

The minimum installation height mentioned refers to the minimum physically possible due to the dimensions of the drain. In each installation, the effective minimum height will be the one that allows the waste pipe to achieve the correct slope towards the drainage system, plus the thickness of the floor covering and adhesive.

The waste pipe must have a minimum slope of 1.5% towards the drainage system (a height difference of 1 to 2 cm per linear metre). This section should not exceed 1 metre in length.

TO REPOSITION THE DRAIN: If the drain needs to be repositioned, resulting in excess membrane on one side and insufficient coverage on the other, the surplus membrane may be cut off—ensuring a minimum 10 cm upturn at wall junctions—and repositioned where needed. Join the membrane sheets with an overlap of 5 to 10 cm, following the slope direction.

TO BOND OVERLAPPED JOINTS: In built-in showers and small interior non-submersible areas, the same C2-type tile adhesive used for the installation may be applied. For maximum waterproofing, joints should be sealed using EASEAL polymer cement or W-S MASTIC adhesive sealant.

TO BOND WATER-STOP TO THE SUBSTRATE: On concrete, brick, or mortar render, use C2-type tile adhesive. For other substrates such as plaster, old ceramic, and others, ensure the chosen adhesive is suitable for the surface. Follow the manufacturer's instructions for application.

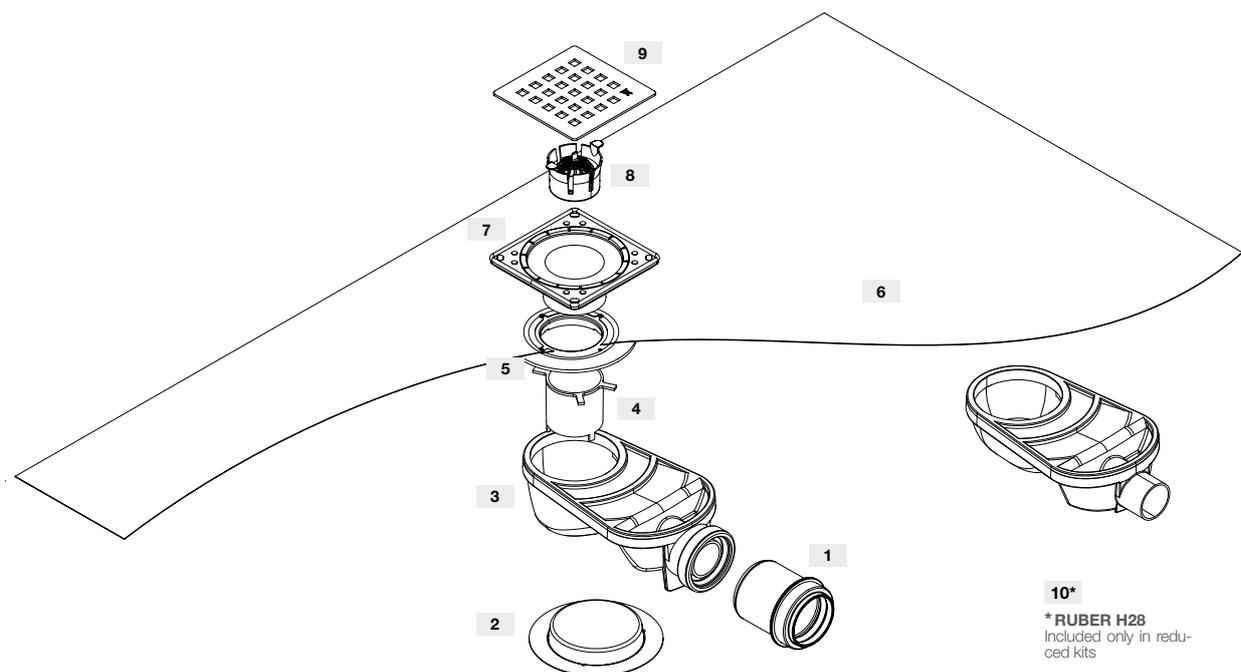
TO BOND FLOOR COVERINGS TO WATER-STOP: For ceramic or similar floor coverings, use C2-type tile adhesive. For other finishes such as wood, textiles, or similar, use an adhesive appropriate to the covering and suitable for damp environments. Always follow the adhesive manufacturer's instructions.

TO COMPLETE THE WATERPROOF PROTECTION: To ensure a moisture-free shower area—free from infiltration and condensation—it is not sufficient to waterproof only the floor. The walls should also be protected up to a height of 2 metres. Use the WATER-STOP membrane and its accessories. If this is not feasible, we strongly recommend waterproofing at least the wall area around the water connections down to the floor.

Additional information provided is for reference only and may be subject to change without prior notice. It is strongly recommended to carry out any tests deemed necessary to verify the suitability of the product for its intended use, particularly if it differs from the applications described.

COMPONENTS:

SYSTEM COMPONENTS	COMPOSITION	DIMENSIONS	UNIT
EVO model grate	Stainless steel AISI 304	100 x 100 e= 0,6	mm
PLUS EVO / ONDE model grate		100 x 100 e= 2	mm
Frame		108 x 108 e= 0,6	mm
Drain bowl	ABS	105 x 105; Outelt DN/DE 50	mm
Clamping flange / connector		DN/DI 50	mm
Siphon body RUBER H50		HEIGHT 78	mm
Siphon body RUBER H28		HEIGHT 58	mm
Horizontal outlet RUBER H50 (push-fit connection)		DN/DI 50	mm
Horizontal outlet RUBER H28 (solvent weld connection)		DN/DI 40	mm
Reducer (only with RUBER H50)		PP	DN 50/40
Waterpproofing membrane *2	WATER-STOP	2 x 1,5 = (3 m ²) 1 x 1 = (1 m ²)	m
Sliding elastic seals / O-rings	SBR / NBR	-	



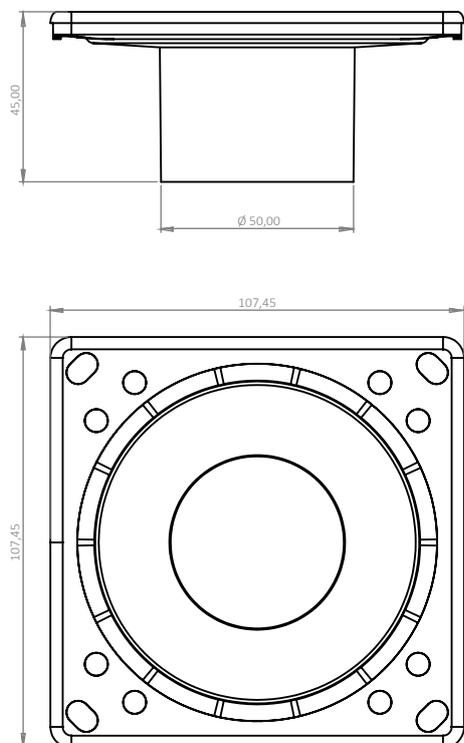
PIECE	DESCRIPTION	MATERIAL
1	*1 REDUCER	PVC
2	PROTECTIVE CAP	PP
3	RUBER DRAIN	ABS
4	RUBER FLANGE	ABS
5	ADAPTER	ABS
6	WATER-STOP MEMBRANE	EVAC
7	EVO DRAIN / FRAME	ABS / STAINLESS STEEL
8	HAIR STRAINER	ABS
9	EVO GRATE (depending on model)	STAINLESS STEEL
10	*2 RUBER DRAIN H28	ABS

*1 Only included with RUBER H50

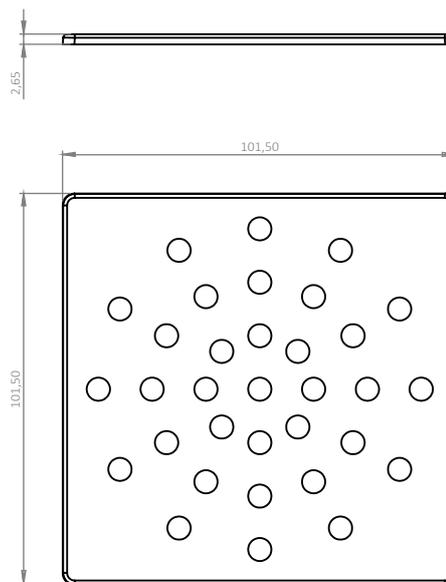
*2 Included only in reduced kits

TECHNICAL DRAWINGS:

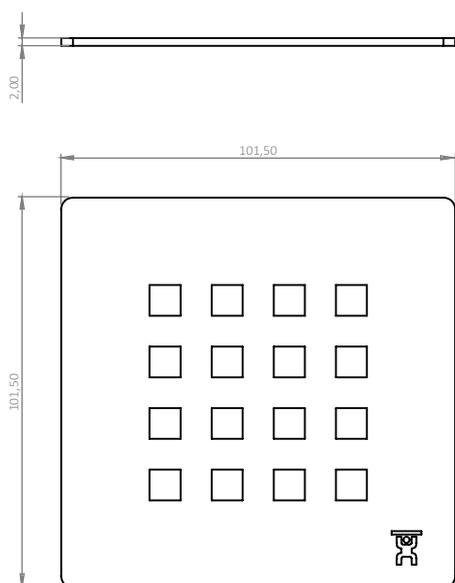
EVO DRAIN



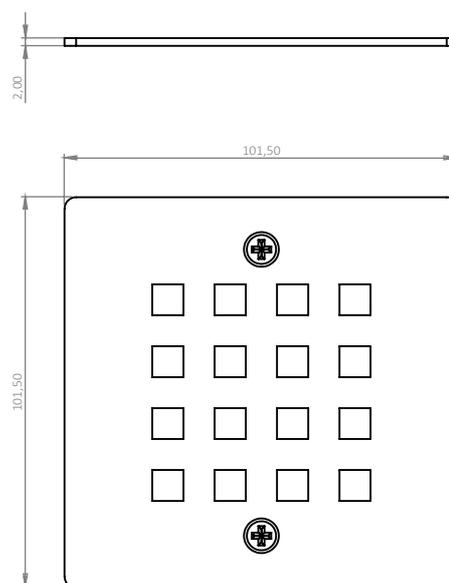
EVO GRATE



PLUS EVO GRATE

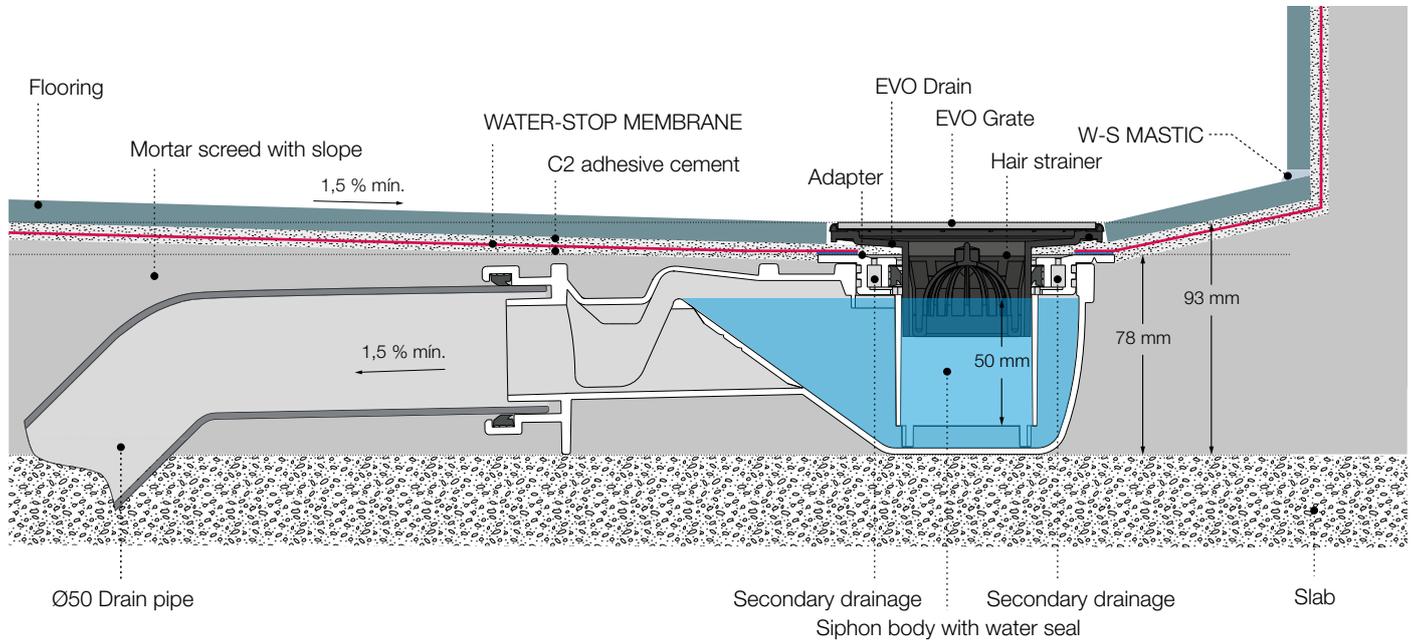


DISUASORIA GRATE



INSTALLATION SECTION:

RUBER H50



RUBER H28

