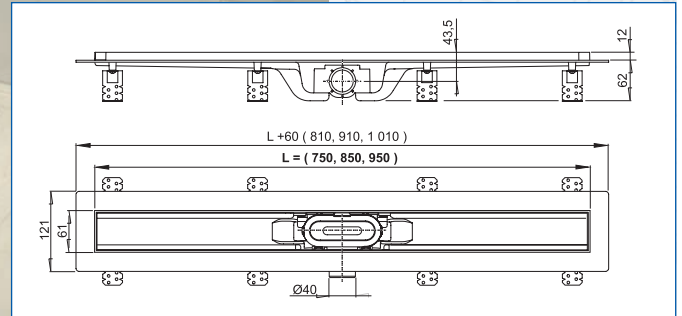


# ECO-LINE

1/2

## Linear shower drainage channel made of polypropylene with a stainless-steel cover

**DURAL**



### Materials:

ECO-LINE shower channels consist of a robust, chemically-resistant and resilient polypropylene channel with an integrated outlet and a flange on all sides. The cover grille is made of rust-proof stainless-steel with a V2A-grade shiny metallic finish (material no. 1.4301). The low installation height of the ECO-LINE shower channel makes it ideal for use in construction projects where the floor heights are relatively low, such as in old buildings and renovation projects.

### Channel installation:

The channel can be installed quickly and very easily. Each of the punched metal fixing brackets provided can be bent easily by hand to form a right angle and to correspond to the required channel height. The brackets are then screwed firmly to the channel housing. Because the brackets can be bent as required, it is relatively easy to adapt the channel to the height of the existing floor screed. The channel is fixed to the concrete floor using screws and wall plugs, or by applying cement mortar in the area of the channel feet. The ECO-LINE channel must be horizontally aligned in both the longitudinal and transverse direction. After fixing, the voids around and underneath the channel must be filled using cement mortar. If protection against footfall sound and airborne noise is a requirement, suitable noise-decoupling measures must be taken. The channel is sealed with a self-adhesive sealing collar, which is fixed to the cleaned edge of the channel and the floor screed. In accordance with the recognised rules of good engineering practice, the entire floor area must be sealed with a suitable bonding sealant. This can be achieved effectively with a DURABASE-WP sealing mat. The channel should be installed at an adequate distance from the wall to ensure optimal sealing of the channel. Special sealing measures will be required if the channel is in direct contact with the wall.

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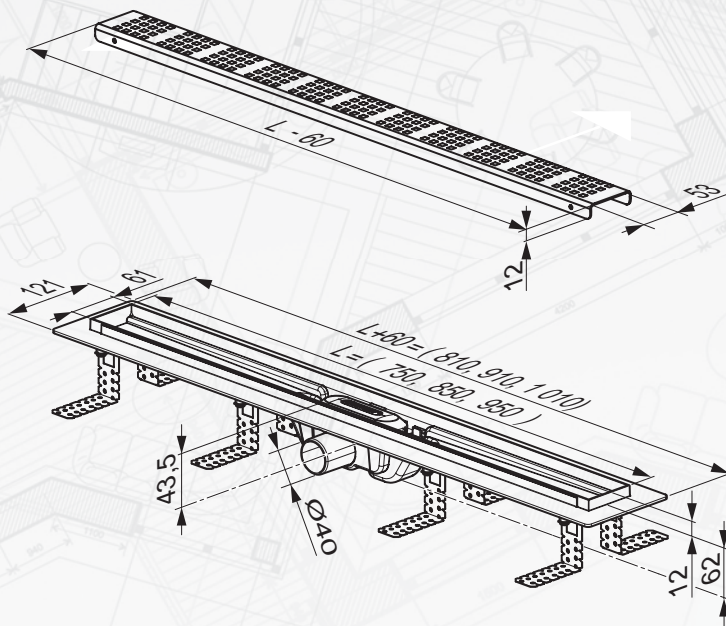
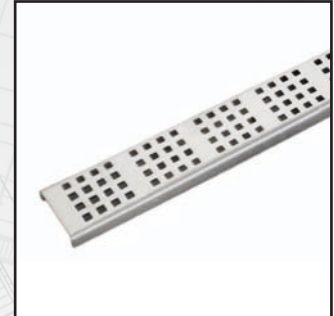
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### Outlet and odour trap:

One of the most important prerequisites for optimum operation of the channel is the technical solution employed for the outlet and odour trap. Since the outlet is integrated in the body of the channel, the usual attachment of a separate outlet bowl can be dispensed with. The outlet bowl is designed to allow easy and thorough cleaning through to the discharge pipe and to provide sufficient flow capacity. The odour trap in the outlet bowl can be completely disassembled and is fitted with two connected discharge chambers and a flap valve to prevent the odour trap from drying out. The odour trap can be removed easily for cleaning. According to the drainage regulations, the DN 40 discharge pipe from the outlet bowl should be connected to the house drainage system via a DN 50 PVC drainage pipe. The transition from DN 40 to DN 50 can be achieved using a suitable PVC adapter piece. The drainage pipe should have a gradient of approximately 1 %.



### PRODUCT DATA:

<b>MATERIAL:</b>	Drainage channel = Polypropylene Grate = Stainless steel (1.4301)
<b>MATERIAL THICKNESS:</b>	1,5 mm (designer grate)
<b>LOAD CLASSIFICATION:</b>	H 1,5 (up to 150 kg)
<b>INSTALLATION HEIGHT:</b>	> 62 mm
<b>PIPE CONNECTION:</b>	DN 40 with odour seal
<b>DRAINAGE CAPACITY:</b>	> 30 l/min.
<b>FORMATS (A, B, C):</b>	EL 800 (810 x 121) – Visible dimensions 750 x 61 mm EL 900 (910 x 121) – Visible dimensions 850 x 61 mm EL 1000 (1010 x 121) – Visible dimensions 950 x 61 mm

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