

SHOWERTEC BALCONIES STC-DC

PRODUCT DESCRIPTION



STC-DC

SHOWERTEC BALCONIES STC-DC is a balcony and terrace drain with a vertical outlet equipped with a height-adjustable support and a sturdy stainless steel grate. It can be used in private homes, hospitality and public buildings due to the presence of grating fixing screws and 150 mm long installation pipe.

The grate support provides a perfect connection with tile thicknesses up to 20 mm.

The three different drain pipe sizes available (DN50, DN70, and DN100) and steel grate finishes (IL and IS), are suitable for any installation needs.

To achieve a perfect installation of the **BALCOTEC** system, a pre-cut gusset of **FOILTEC** is included in the package ready to be bonded to the flange of the drainage system.

The grate is an AISI304 stainless steel piece crafted to have no sharp edges and to ensure proper water outflow. The packaging is individual.

APPLICATION AND FUNCTION

Outdoor drainage systems in the **SHOWERTEC BALCONIES** family are either of the horizontal drain with slope type or the vertical drain type.

This consists of a drain with a vertical outlet, a waterproofing plug, and an adjustable metal grate. The grate has a support that allows a perfect connection with different heights of the ceramic covering. The flange of the drain has both openings and a Velcro surface for safe attachment with **KOLLTEC** and **FOILTEC's** pre-cut gusset to achieve seamless waterproofing of the system.

MATERIAL DESIGN FEATURES

The grate support and drain outlet are made of top-grade ABS, so that there is always a perfect fit and fine adjustment of the placement of the grate to the finished paving surface.

In this regard, the grate support comes with the handy rigid construction cap so that the grate can be easily mounted at the end of installation, preventing debris from entering during installation.

The bonding flange is molded with Velcro suitable for bonding with **KOLLTEC**. A **FOILTEC** waterproofing membrane gusset cut to size for this application is provided to complete the installation.

The grate is a massive, durable piece of AISI304 stainless steel crafted to have no sharp edges exclusively designed by Profilitec.

Grate Finishes: Polished Steel (IL) and Brushed Steel (IS)

Installation pipe length: 150mm

AREAS OF APPLICATION

SHOWERTEC BALCONIES drains can be used in private homes, as well as in hotel or public facilities, thanks to the screws to prevent accidental removal of the grate.

METHODS OF APPLICATION

The substrate must have sufficient bearing capacity and be sloped.

1. **SHOWERTEC BALCONIES STC-DC** vertical drain must be connected to the structure drain pipe.
2. After measuring the connection, if necessary, shorten the pipe by calculating the size of the hydraulic connection joint and the laying height of the floor and cut it with a saw, for example, being careful to make a straight line, perhaps with the help of a support in order not to break the flange of the drain.
3. Make sure that the drilled flange of the drainage outlet is adhered to the screed.
4. To waterproof the joint between the bonding flange and the screed surface previously waterproofed with the **BALCOTEC** system, the **FOILTEC** gusset supplied with the drain is required. The dowel should be laid with **KOLLTEC** and centered overlapping the surrounding **FLOORTEC** membrane laid flat against the flange.
5. The system can be combined with different types of floor coverings, such as ceramic tiles, natural stones, and similar.
6. The grate support, with the construction cap still fitted, should be spread with tile adhesive all around the notched edge and on the setting ring. The support has sufficient diameter to allow some freedom in positioning the ring inside the flange to give the possibility of aligning the grate horizontally with the tile joints.
7. After laying the ceramic covering around the grate support, slowly press down on the construction cap until properly leveled with the finished flooring.
8. Once the installation is completed and the joints grouted, replace the construction cap with the steel grid of **SHOWERTEC STC-DC** using a screwdriver PH2 (Phillips) attachment and reusing them for the final fixing of the grid.

WARNING AND MAINTENANCE

SHOWERTEC BALCONIES STC needs no specific maintenance. Simply clean the stainless steel grid regularly using a mild detergent: this will not only keep the steel clean, but also reduce the risk of corrosion. Use only neutral detergents.