

Assembly instructions - FENCE VRSATEC

- Proven technology is used for production as in the production of tiles
- Faithful imitation of a stone building
- High variability
- Versatile use (creation of columns, flower pots...)
- The parts can be rotated vertically or horizontally
- Possibility to create radii
- Possibility to combine with the Rock Vrsatec tiles

The whole fence system uses six basic elements marked 0-1-2-3-4-5 for the construction of walls and columns. Proven technology is used for the production like in the production of tiles and this gives the fence system a perfect look with an emphasis on every detail. Each block is marked from 0 to 5 on the top and bottom for easier identification. The end pieces 0 and 5 are used for straight termination or for connection to columns. The end piece 0 fits only into the element 1 and the end piece 5 fits only into the element 4.

Vrsatec block 0 + Vrsatec block 1 + Vrsatec block 2 + Vrsatec block 3 + Vrsatec block 4 + Vrsatec block 5



Vrsatec block V1 + Vrsatec block V2 + Vrsatec block V3 + Vrsatec block V4



PILLAR CAP VRSATEC

Size: 52,5 length x 40,5 width
 Thickness : up to 7 cm
 Weight 1 piece: 21,5 kg.
 Laterally processed relief on 4 sides.



WALL CAP VRSATEC

Size: 49.5 length x 23 width
 Thickness : up to 7 cm
 Weight 1 piece: 14 kg.
 Has a laterally worked relief on two opposite sides.



Basic layer

The construction of the fence is performed on a solid concrete foundation according to the building standard and with a width of 30-35 cm. Subsequently, the base is glued with an asphalt insulation tape (IPA). We pre-drill holes for concrete reinforcement (roxor) in the place where the columns are placed. Each part has the numbers 0 to 5 on the top and bottom for easier identification.



Construction of walls and columns

From the basic parts 1 to 4, we assemble rectangles for the construction of columns. We connect the parts with a wire that is embedded in each piece so that they do not divide during assembly and pouring of thick concrete. At the connection point of the walls, we use parts with a cut-out. For example, if we connect a wall at the height of two rows (wall height 40 cm) we use a part with a cut-out 1V and 3V, because we place the subsequent column rectangle on top of each other (upside down) to prevent the pattern from being repeated. For mutual gluing of parts, we recommend a flexible cement adhesive, which we apply in a reasonable amount to prevent it from being pushed outwards. After fitting the first part of the column, we can continue to connect the wall. It can start with straight part 0 (0-1-2-3-4-5) or in case of another row, part 5 (5-4-3-2-1-0).



We continue to lay the parts of the wall in the sequence 0-1-2-3-4-5, while we check the horizontal and longitudinal evenness using a slat. We glue the rear (back) part of the wall in exactly the opposite order as the front side, i.e. in the order 5-4-3-2-1-0, in this way the individual joints are overlapped and thus ensure the strength of the wall.



Before laying the next piece of the column, we wipe the inner corners with glue to prevent the concrete mixture from leaking out, which are later used to pour the columns. After placing three rows on top of each other, we insert steel reinforcement (roxor) into the drilled holes and pour the column with semi-dry concrete approximately to the middle of the last row. In the same way as before, we build another row of walls, taking care that the subsequent row is always opposite (upside down) to the one below it in order to avoid repeating the pattern. Also in the case of columns, we make sure that the subsequent row is always rotated by 180 degrees and then the next one is also opposite (upside down). This gives 4 different looks and limits the repetition of the pattern.



Ending

We will finish the construction by gluing the column and wall caps. After cleaning and hardening of the glued joints, we recommend treatment with a hydrophobic solution for concrete products. For example, Lukofob 39 diluted with water in ratio 1:10 (1 part Lukofob and 10 parts water). Such a single coat treatment protects the surface and facilitates cleaning for approximately 5-7 years. Finally, we complete the fence with a filling according to personal preferences.

