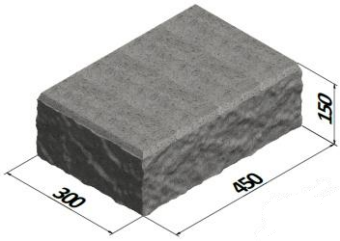
Corner step element - model SYMM 79



Dimensions:

450 x 300 x 150 mm

Weight/piece:

~ 45,5 kg

Quantity per lm:

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Production plant:

Verești, județul Suceava; **Bolintin Vale**, județul Giurgiu;
Zimandu Nou, județul Arad; **Prejmer**, județul Brașov;
Ovidiu, județul Constanța.

Type:

Concrete block used to make steps for walkways and access steps of various shapes.

The surfaces of the elements are made by the method of controlled splitting of concrete, which gives a touch of natural stone.

Available colour range:

Grey; Cream; Grey-Anthracite; Cream-Brown; Grey-Orange-Anthracite.

The product is fully coloured.

Palletizing:

Plant	Rows/ Pallet	Pieces/ Row	Total Pieces	Weight
Verești, Bolintin Vale, Prejmer, Ovidiu, Zimandu Nou.	5	4	20	~1820 kg

Technical specifications according to SR EN 13198:2004

Specification	Performance
Permissible deviations for dimensions	± 5 mm
Reaction to fire	Class A1 according to the reaction to fire without testing
Water absorption	≤ 6 %
Concrete class	C35/45

Applicability:

UV	The products contain dyes that are resistant to the sun's ultraviolet radiation.
CE	Guarantee of product certification in accordance with EU regulations 305/2011.
AQUA PROTECT	The Aqua Protect system is developed to protect elements from water infiltration.

Other specifications:

Sustainability in the production of concrete elements:

The use of new generation cement with low CO_2 emissions in our production process brings significant benefits in terms of both performance and sustainability. Thus, we actively contribute to reducing our carbon footprint and protecting the environment.
We also rely on electricity generated by our own photovoltaic parks, thus reducing our dependence on conventional sources and promoting the use of renewable resources.
This sustainable approach allows us to reduce our environmental impact, optimize production costs and offer our customers products made with responsibility towards nature.

Warranty:

5 25

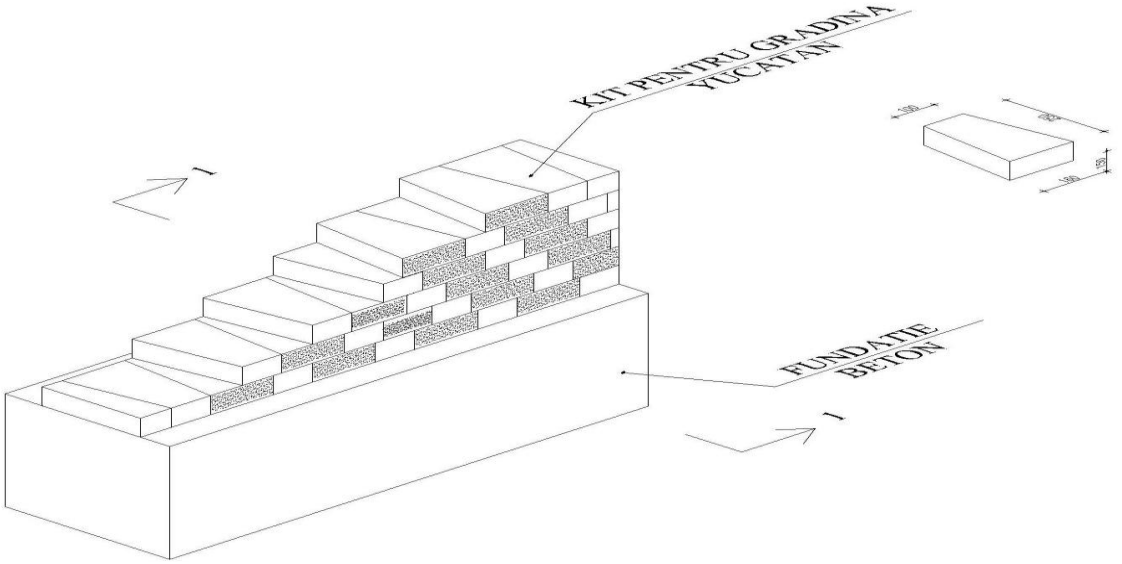
SYMMETRICA S.R.L. offers a 5-year warranty on garden elements from the date of purchase provided that the beneficiary complies with the handling, storage and maintenance conditions imposed as well as the attached assembly recommendations.
The elements have a lifespan of approx. 25 years.

Colours and structures:	Variations in colour and texture may occur due to the natural nature of the raw materials used in production. The dyes used are resistant to ultraviolet radiation from the sun. Over time, exposure to wear and weathering may lead to changes in the colour and texture of the surface of the elements, but these differences tend to even out over time. To obtain a surface with a special appearance and a uniform texture, we recommend that products taken from several delivered pallets (2-3 pallets) be used for assembly. From a technical point of view, small variations in colour and structure are inevitable, but they do not affect the resistance of the concrete elements and, as such, cannot be the subject of complaints.
Efflorescence:	Efflorescence occurs due to the hardness of the water and the limescale filler in the cement used, which is deposited on the surface of the concrete after the water evaporates. This phenomenon cannot be completely avoided from a technical point of view and does not in any way influence the technical specifications of the concrete products. Under normal atmospheric conditions, this efflorescence diminishes over time and will generally not occur again. Efflorescence does not affect the quality of the products and is not considered a product defect or a reason for complaint.
Complaints:	To avoid any discrepancies between the order placed and the products received, we recommend a detailed check upon delivery. If discrepancies are observed between the order and the delivered products or a quality deficiency of the products, these will be reported to Symmetrica representatives before the assembly is carried out. The colour differences between the images in the promotional materials and the products are due to the typographical conditions and are not subject to complaint.
Contact details:	www.symmetrica.ro **info@symmetrica.ro** Tel: (+40) 230 522 619

Making the foundation:

A continuous foundation excavation is made with a depth of 600 mm and a width of 400 mm.
After reaching the foundation level, the natural ground is compacted and a 10-15 cm layer of compacted 0-63 ballast is laid. After the ballast form layer is made, a continuous concrete foundation is poured, minimum class C8/10, with a height of 500 mm and a thickness of 250-300 mm.

Mounting the elements:

The installation of decorative garden elements, such as the ornamental fountain, is done by masonry, using a modular system that gives a special aesthetic appearance. The components of the kit are fixed to a concrete foundation, being joined together with layers of mortar (in thicknesses of 2–4 mm, in a ratio of 1:3 cement:sand) or with exterior adhesive, depending on preferences. The masonry configuration can be circular, linear or curved, depending on the desired design. For buildings with heights greater than 1.00 m, it is recommended to use exterior adhesive when gluing the elements of the Yucatan range.

SPATIAL VIEW