

TECHNICAL specification
Of concrete states

Urbi et Orbi established in Greece
Thessalonikis 61 – 18233 Athens
VAT: 076200106
T. 0030 210 4520178
Email. info@urbietorbi.gr
Web. www.urbietorbi.gr
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EUCLID

"EUCLID" concrete tile's shape is an equilateral triangle (30X30X30cm) with stepwise increase in thickness, from 1 to 4 cm. The result is a three-dimensional view with many different patterns when placed



The weight is 1.8 kil. With variation up to +- 5 %, from piece to piece
Is available in three shades of gray, beige or ivory, with various grades of hue in every piece, as well as between the pieces. It can be produced on demand, in different colors from the palette of Bayer.

The thickness is with variation +-2mm. At the length of the sides you will see minor differences up to 0.5 %, which is not considered to be exempt or defect of the production, according to the provisions of the conformity with the following standard:

"EN 492: 2012

The appearance of the tile has several air holes . The air holes have diameters less than 2 mm, this is a natural characteristic of concrete.

The tiles we construct are not produced with the traditional methods of construction, such as pressed or extruded , any they are not baked in oven, as the ceramic ones. Their production is hand-made and made through casting on a vibrating table, while their maturation is effectuated in natural environment.



The above capacities of the concrete tiles, as well as the fact that the tiles are made of concrete render them heavier than common ceramic ones, thus being special regarding their placement.

Their placement may be made as for the common tiles by experienced crew and only. However, due to their weight, we suggest to pay attention during their placement so as not to occur slip.

We suggest you to leave a small joint 1-3 mm between the tiles, especially for exterior spaces. The grouting of the joints is not necessary, but if you want it you may do it with a grey joint grout of your choice. You'd better use a caulking gun. We suggest you to use a brush or a sponge for the finish of the filling so as to offer you natural result. You may choose grout with similar color to the color of the tiles. Clean immediately the residues of glue or grout. For further information regarding the transfer, storage, placement of the tiles you may see the general instructions leaflet.





The tiles are delivered by us, upon your choice, protected, or not, with impregnation of HYDROREP material of FILA. However, for exterior walls you suggest you a further coating of FILAFOB after the placement for protection from oils and graffiti.

Cracks or breaks are defects of the product, however the strict control of quality and the package excludes any possibility of our fault. They may result due to the transfer, therefore we suggest you to fully control your receipts.

Avoid to stack the "EUCLID" tiles. Follow the instructions of the general instructions leaflet. The tiles must be carefully taken off the package and be placed on a horizontal surface in the direction indicated in the packaging, or vertical one by one. If you have to stack these on top of each other, to save space, place these face to face and back to back. The stack height up to 30 cm.

MECHANICAL PROPERTIES

(Average values from 4x4x16 cm specimens water-cured at 20°C)

Compressive strength 100 MPa

Bending strength 9 MPa

Water porosity untreated 2,3

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The technical data sheet was drawn up on the basis of our better techniques and applied know-how. However, we are not able to directly intervene to the conditions of each plant and the execution of the works, thus this information is general suggestions and in no way do they bind our Company.

Hence, we suggest you an advance trial in order to verify the suitability of the product for the provided use.

