

**TECHNICAL specifications
of concrete wall slates**

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PANELO 3D-2D

"PANELO 3D" concrete wall covers are the impression of a apparent concrete wall, molded with not care

The dimensions of the tile are 20X50cm. (+-0,5%)

Available in three different thickness size, 1cm ,2.5 cm or 4 cm. (+- 2mm)

With the combination of these three different variants, you can create a three-dimensional effect. However, you may place only the tiles of 1 cm thickness, to walls you want a uniform finish



Its weight is 2 kg for 1 cm thick, 5 kg for 2,5 cm and 8 kg for the 4 cm thick, with sort variation between the pieces.

It is available in grey color with various grades of hue in every piece, as well as between the pieces. None "PANELO 3D" tile is identical to another.

They are slightly embossed with air holes throughout the surface, in some less or more. This is a natural characteristic of concrete. There is +-2mm variation in thickness. There are small differences regarding the

length and the width up to 0.5% and it is not considered to be a deficiency or a defect of production, in accordance with the provisions of the conformity with the following standard:

"EN 492: 2012

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 with impregnation of HYDROREP material of FILA. However, for exterior walls we 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 "PANELO 3D" tiles. Follow the instructions of the general instructions leaflet and of the package. The tiles must be carefully taken off the package and be placed on a horizontal surface with the direction the arrows of the package show, if its possible(the width of the tile at a vertical position).

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.

