Panels

Typology

The panels can be produced in vertical, horizontal, and angular version, and in different denominations

Use

Ideal for all types of buildings.

Performance

Great performance and high quality.

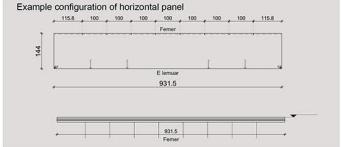
Aesthetic

Based on the aesthetic selection for each project, the panels are offered in the simple version (raw concrete which can be painted with any paint without plastering) and the graveled version (wall produced with surfaces coated with gravel in tone varying according to customer request)..

Panels (or side panels) are prefabricated elements with concrete brand RCK-40N / mm2 and steel B450C N / mm2, with thickness of 20cm placed vertically to the beam foundation and connected to beams, or placed horizontally in the building collumns.

Pannels consist of 10 cm reinforced concrete and 10cm foam insulation between two layers of concrete. Thermal transmission coefficient is 0,90W / m2.

Example configuration of horizontal panel



Horizontal panels

Length – max 10 m
Height – max 3.0 m
Width – 20 - 30 cm

Vertical panels

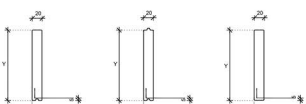
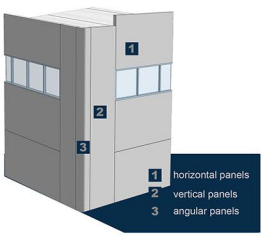
Length – max 3.0 m
Height – max 12m
Width – 20 - 30 cm

Angular panels

Length – variable
Height – max 12m
Width – 20 - 30 cm

Combinations

Connecting the panels creates consistency in the structure.
Horizontal and vertical panels with one - another connect not only with inserts, but also with a female- male connection that enhancer stability. Also, in case of windows or doors , the panel is smooth sides.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