



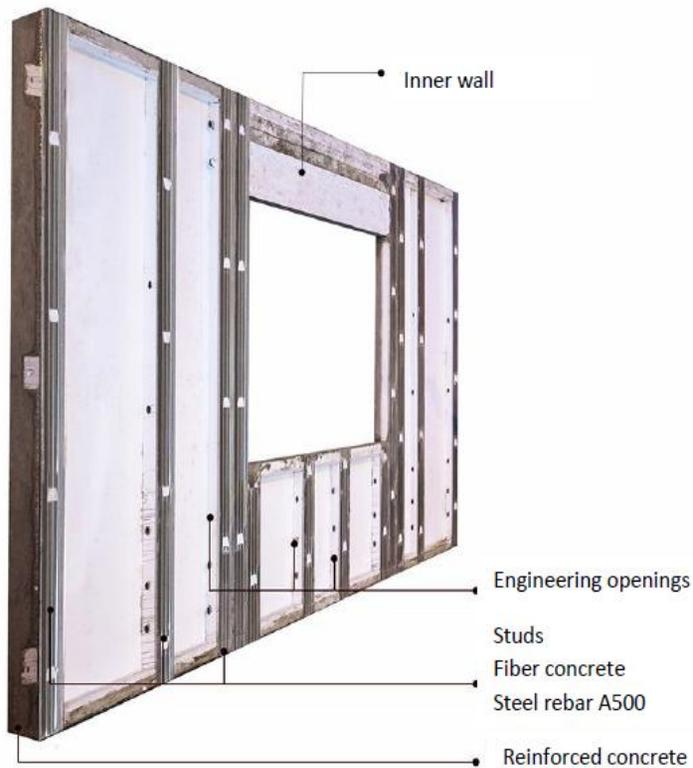
[MOBIL STROY XXI, LLC](#) had been in construction and manufacturing business for more than a decade. Since 2010 [MOBIL STROY XXI](#) started the production of precast concrete wall panels BENPAN™ under new patented technology. The company had implemented a BIM (Building Information Modeling) technology into the production cycle which allows to work within the framework of an automated business-process. Today [MOBIL STROY XXI](#) offers a wide range of service, from architectural design to construction and manufacturing of various products. All the components required for [BENPAN™](#) panels' production, including windows, are manufactured on our premises.

[MOBIL STROY XXI](#) obtained all the required and voluntary certification for production of construction materials and holds all the necessary licenses and permits for construction, from individual houses to multi-storey buildings. The manufacturing process meets all ISO 9001 requirements.

[BENPAN™](#) Technology and its main products precast concrete panels BENPAN™, BENPAN+™ and BENPAN™ Premium is a breakthrough in construction industry. It does not depend on territorial or climate zone of the construction.

[BENPAN™ and BENPAN+™](#) technology include the production of wall, floor and foundation panels. All casting is done in accordance with an individual project and panels can be of various dimensions and shapes. The wall panels can be up to 8m long and 3.05m high and floor panels up to 6.6m long and 2.4m wide.

BENPAN™ Wall Panel



[BENPAN™ Wall Panel](#) can be used as:

- Outer wall
- Inner wall
- Foundation/basement

Standard sizes:

- Height: 1800, 2740, 3050mm
- Length: from 450 to 7000mm
- Depth: 260mm

Materials used:

- Fiber concrete B30
- Steel rebar A500
- Insulation: mineral wool or EPS
- Galvanized metal studs

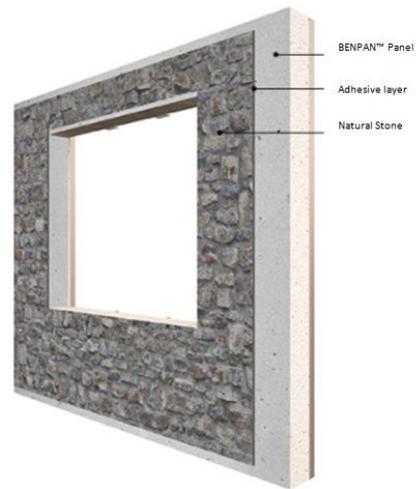
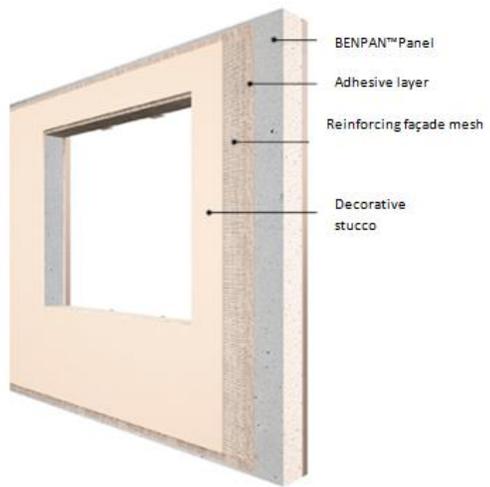
Fire Resistance - REI 90

Frost Resistance - F200

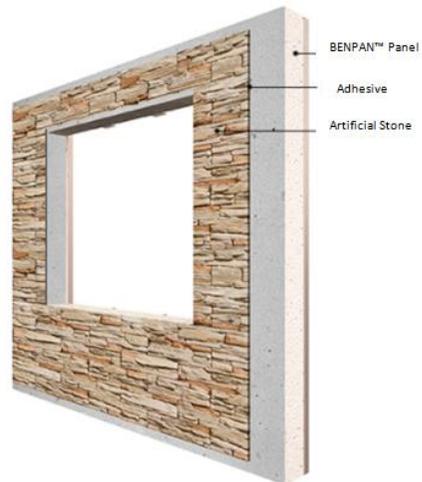
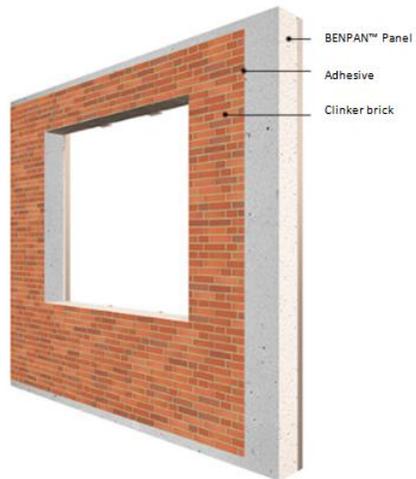
Weight - 250kg/m²

R Value - from 1.45 to 4.85, depending on insulation used.

Façade - any material can be used: stucco, planking, clinker brick, natural and artificial stone. All of these can be combined.



Various Façade options



BENPAN™ Floor Panel



Standard sizes:

- Height: 305mm
- Length: from 3000, 3600, 4200, 4800, 5400, 6000, 6600, 8000mm
- Width: 1200, 1800, 2400 mm

Materials used:

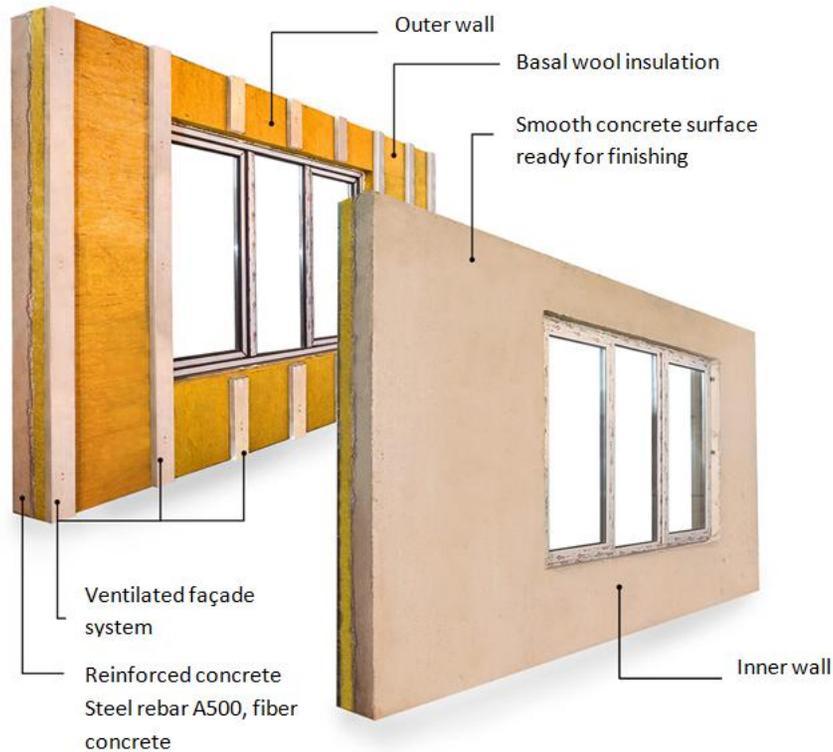
- Fiber concrete B30
- Steel rebar A500
- Insulation: mineral wool or EPS
- Galvanized metal studs 0.5 mm

Fire Resistance - REI 60

Frost Resistance - not lower than F200

Weight - 320kg/m²

Calculated load - 4.0 kPa, 6.0 kPa, 8.0 kPa



BENPAN+™ Wall Panel

[BENPAN+™ Wall Panel](#) can be used as:

- Outer load bearing and self-load load bearing wall

Standard sizes:

- Height: 2740 and 3050mm
- Length: from 600 to 6000mm
- Depth: 260mm

Materials used:

- Fiber concrete B30
- Steel rebar A500C and reinforcing wire mesh
- Insulation: mineral wool or EPS
- Galvanized metal studs 1.2mm

Fire Safety Class - Non-flammable

Fire Resistance - REI 120

Frost Resistance - F200

Weight - 190kg/m²

R Value - 3.05m²C/Wt

Façade -any material for ventilated façade can be used: ceramic granite and alucobond, fiber cement, composite and terracotta panels, wood and stone. All of these can be combined including stucco.



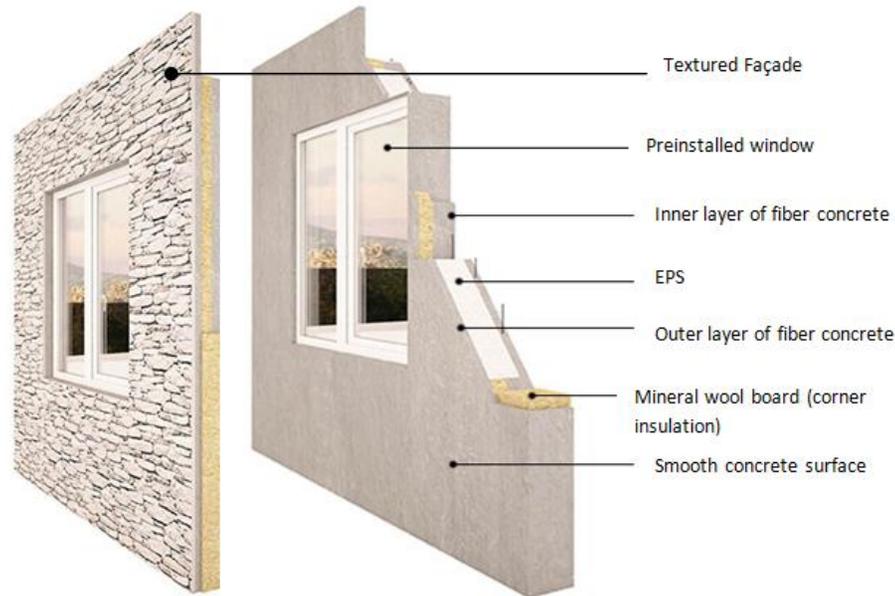
BENPAN+™ with ventilated façade sub-system preinstalled



BENPAN+™ with various façade options



BENPAN™ Premium Wall Panel



[BENPAN™ Premium Wall Panel](#) can used as:

- Outer wall

Standard sizes:

- Height: 2740, 3050mm and higher
- Length: from 600 to 6600mm
- Depth: 260mm

Materials used:

- Fiber concrete B30
- Steel rebar A500C and B500C
- Insulation: mineral wool or EPS
- Galvanized metal studs 0.5mm

Fire Safety Class - Non-flammable

Fire Resistance - REI 150

New three-layered reinforced concrete panels BENPAN™ Premium come with finished façade. Color and textured can be chosen from clinker tiles, 3-dimentional surface, smooth paintable surface, natural stone or combined. Shape and size of the panels is determined by the project, as well as window and door openings.



Various Façade Options



PLEASE REFER TO OUR WEBSITES FOR ALL ADDITIONAL INFORMATION

WWW.MOBILSTROY.RU

WWW.BENPAN.RU