

Insulated Fibro Cement Facades

New modern insulation technology for building

Problem and Solution

- ✓ People in different cold country (example Russia, Canada, Sweden, Norway etc.) insulate their homes. The choice of insulation system is based on a compromise. Because the systems existing on the market have some features. At the same time, the insulation system can not be convenient, beautiful and durable and other 22 features.
- ✓ Until we invented the «IFCF-system».
- ✓ We invented a system that provides durability, ease of installation and a variety of surfaces. The uncompromising solution simultaneously satisfies all consumer needs.

Insulated Fibro Cement Panel

Mount by mechanical process

Insulated Layer
EFPS or PIR
from 25 mm up to
150 mm
(basic size – 50 mm)

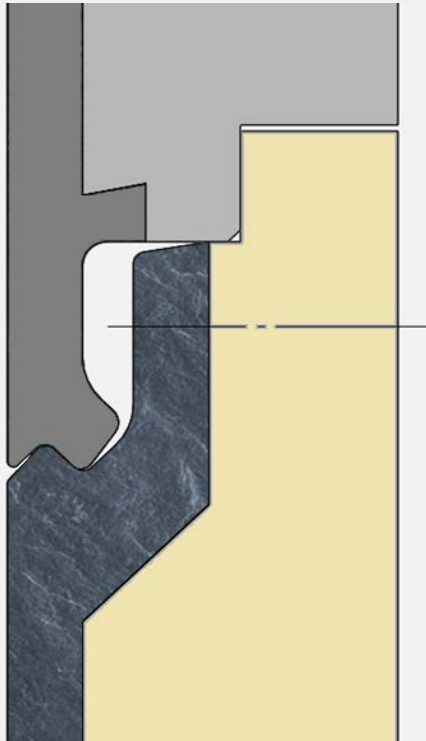


Architect Layer
Fibro Cement
12 mm

Basic size
270 x 1250 mm

Product solution

The fundamental world novelty of the product is protected by copyright on design features:



- ✓ A method of pairing materials that guarantees durability;
- ✓ Panel junction, excluding moisture access to the insulation and building facade;
- ✓ Panel profile for mass production.



Mounting process



Mechanical process;

Without wet process;

Without subsystem;

Various cut profile;

Various way of mount
on wall.

Various colors and surfaces

Coloring of fiber cement layer in bulk with stable pigments

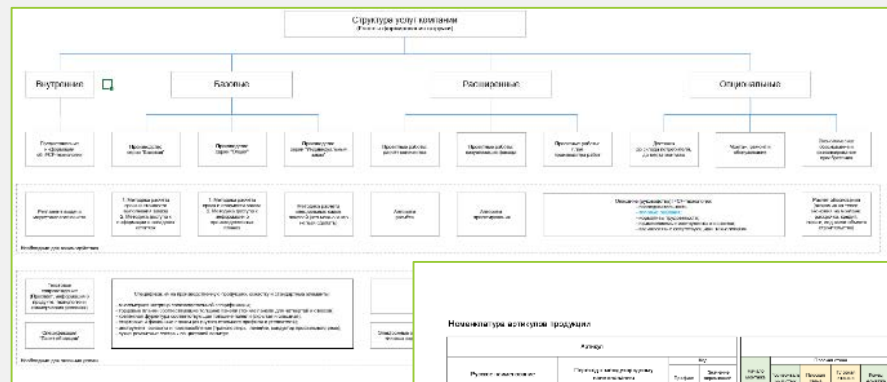


Textured solutions for architectural aesthetics



Technology for people

- ✓ We have a full set of documentation for the main and service process. Consumers have access to user-friendly process of selecting and installing a IFCF-panel.

[illegible]

Спецификация на производственную продукцию, оснастку и стандартные элементы

Базовый в комплект поставки	Серия		Индивидуальный заказ содержащий дополнительный материал
	Ступень	Полнота комплектации	

Утеплённые фиброцементные панели

Площадь панели	Толщина панели	Радиус скругления R
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Цвет покрытия (без красителя)
 Белый (без красителя)
 Белый (Синий)
 Светлосерый (Синий)

Цвет покрытия (панель)
 Белый (без красителя)
 Белый (Синий)
 Светлосерый (Синий)
 Светлосерый (Панель)
 Белый (без красителя)
 Белый (Синий)
 Светлосерый (Синий)
 Светлосерый (Панель)
 Светлосерый (Панель)

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 Светлосерый (Синий)
 Светлосерый (Панель)
 Светлосерый (Панель)

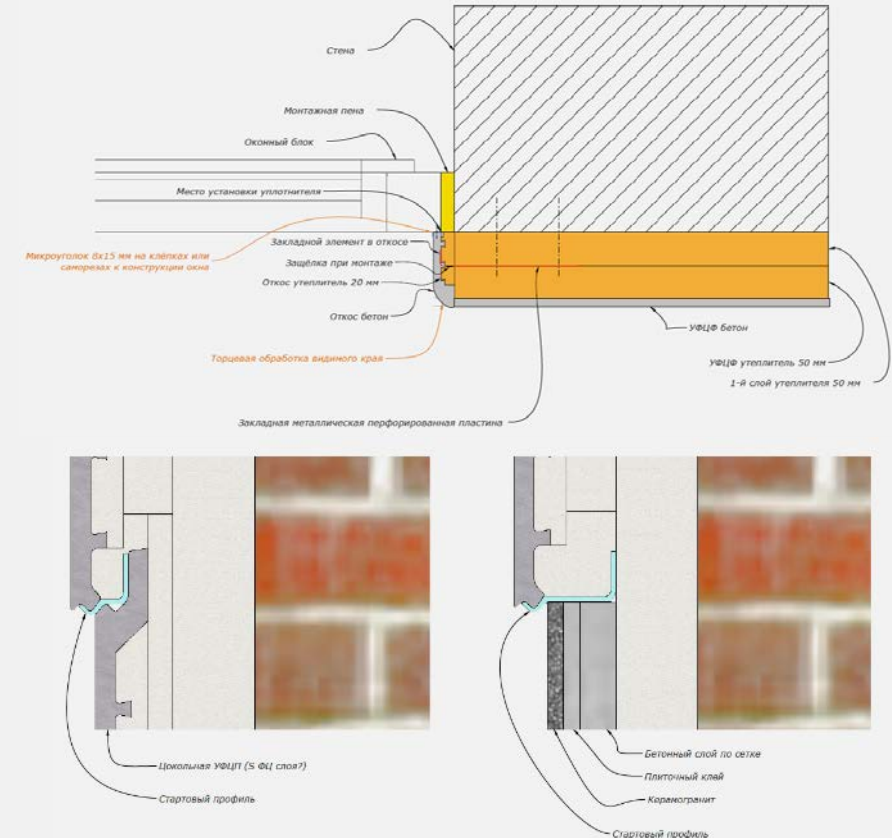
Листовая фанера

Листовая фанера 2
 Листовая фанера 3
 Листовая фанера 1
 Листовая фанера 2

Листовая фанера
 Листовая фанера
 Листовая фанера

Полупанель
 Полупанель фанера N
 Полупанель фанера N

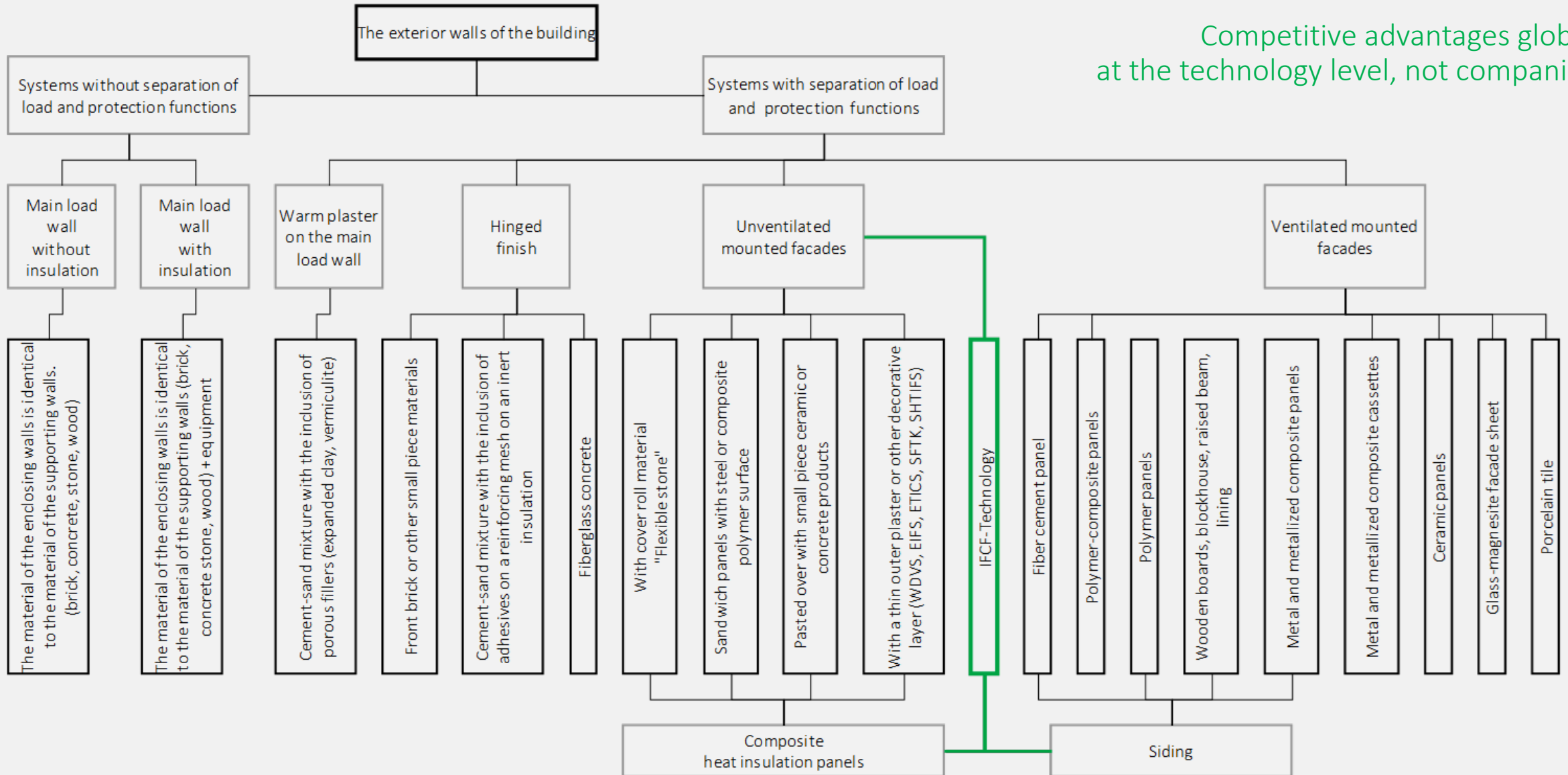
5000 толщиной 12 мм
 Плиточный утеплитель профиль, тол. 5000 толщиной 24 мм



Market

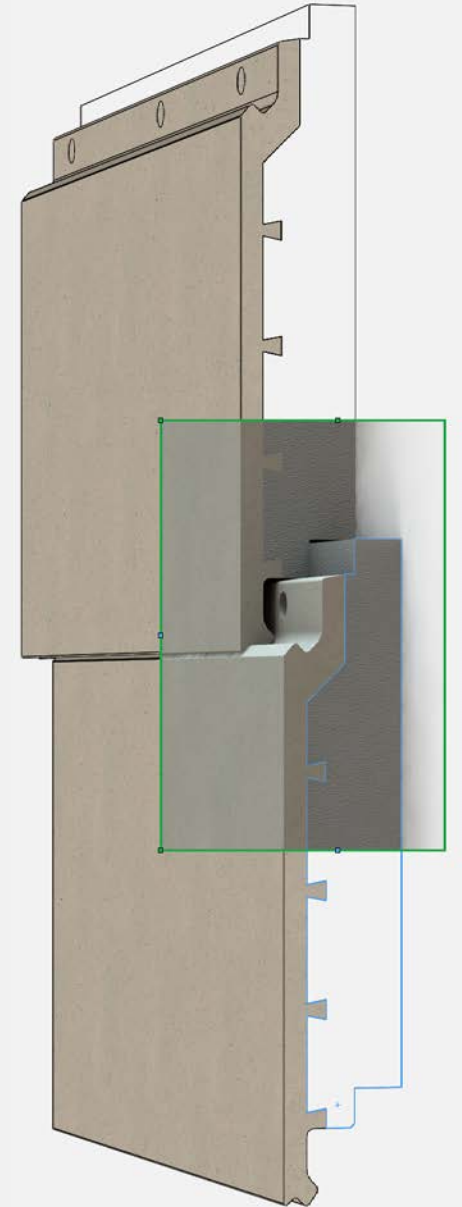
- ✓ Worldwide market specialized on facade system: draft, production, distribution, mount, repair and utilization.
- ✓ Capacity market for Russian consumers is stable \$2B (at natural dimensions total – 47 million sq.m., including plunging – 20 sq.m.) – based on annual RBK-analytic research
- ✓ Target consumers:
 - B2B sector mass city buildings;
 - B2B2C sector mass town and suburban buildings;
 - B2C sector individual and local buildings and repair.
- ✓ There is no competitors-company for our technology. Because we have new technology solution that outstrip other existing technologies.

Global facades technology



Product advantages

- ✓ It is mounted dry mechanically, regardless of weather conditions;
- ✓ The service life is commensurate with the life of the building envelope;
- ✓ A wide variety of appearance is formed in the conditions of stable factory processes;
- ✓ Contains an effective layer of the insulate;
- ✓ Materials are not combustible, do not support combustion and do not provide traction;
- ✓ The design is repairable by changing the damaged element or by repairing with cement mortar.



Estimated average costs for the production

Insulated layer	– \$2.709	
Fiber-cement layer	– \$0.876	
Mechanical works	– \$0.600	
Annex	– \$0.549	
Packaging	– \$0.251	
Total cost:		-\$4.985
Commercial & Taxes:		-\$0.769
Market price:		+\$9.257
Profit per one unit of IFCF-panel:		+\$3.503

We planning to produce and sell **6M** unit each year.

Investment proposal

To realize the project «IFCF-technology» needs the financing in the amount of:

Total: \$5,4M

1st round – \$ 0,4M

2nd round – \$ 2M

3rd round – \$ 3M

Team

Project leader, technology and infrastructure manager

Sergey Nakonechny

«ONVEX» CEO, PhD, engineer

Author and Architect
Eugenie POLIKARPOV

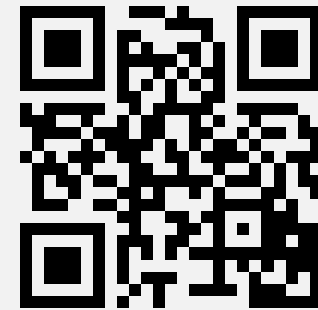
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Boris SHTELTAR

Production manager
Sergey AGEEV

Sale manager
Michael SANKIN

Request detailed information and investment prospect «IFCF-Technology»

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Promo site

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