

Energy efficient construction

# FOR THE FAMILY THAT PLANS



**YTONG®**

# MULTIPLE SAVING

Ytong construction system



## EXTERNAL WALLS

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*The price of Ytong walls For the construction of this family house of 127m<sup>2</sup> net, is only*

**4.930 €**

Price does not include VAT, and offers for Ytong special elements.



## LUCK IS THE MATTER OF YOUR CHOICE

### Make a smart choice!

Every family tends to quality living, which is partly conditioned also with living standard inside their own four walls. Fast moving in is the base for the happiness of all households, But before that, the questions come: What kind of the project to choose, when and where to build, which materials to use, how much is all going to cost...?

Therefore, for building a home it is desirable to choose Ytong solution for all questions mentioned ...

**Ytong construction system is the top solution for designing and building according to the standards of the world QUALITY AND ENERGY EFFICIENCY!**

In short period of planning and building a pleasant home that will last for generations, it is possible to express own creativity and to choose the construction standard with minimal energy consumption for the heating or cooling of your family house.



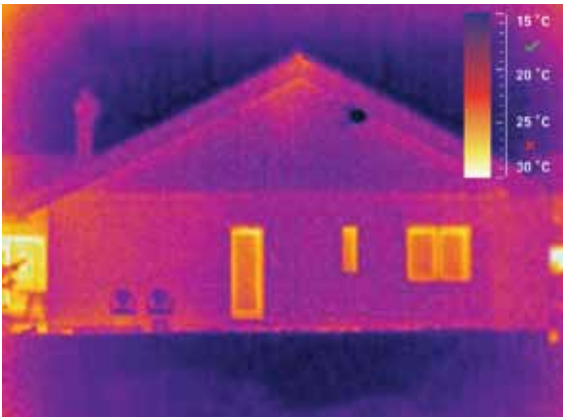
## YTONG HAS THE BEST THERMAL INSULATION

Thermographic camera as an advantage indicator

Thermographic cameras are used in civil engineering for visual determination of spots where the losses of energy on the object are the greatest. The picture is formed by the spectrum of the colors where violet to blue show the zones of small loss of energy, and yellow, red and green indicate great loss of energy, or appearance so called thermal bridges. Ytong is the construction system which successfully solves the problem of thermal bridges because of its energy efficiency.

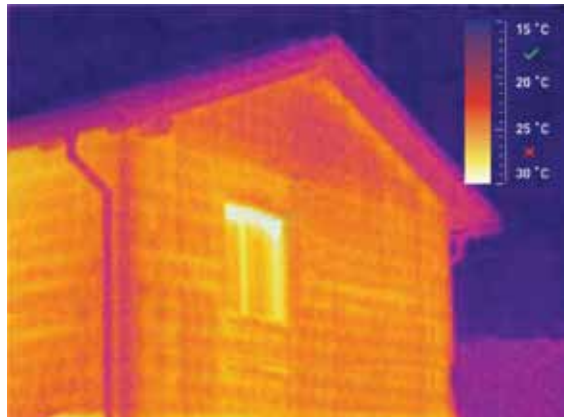
Thermographic pictures:

**The house constructed with Ytong:**



Ytong saves energy on the thermal bridges spots – as seen on the view of violet – blue color.

**The house constructed with bricks:**



great losses of energy on the spots of thermal bridges are seen on the view of yellow – red color.



*My external wall for energy efficient house!*

## EXTERNAL WALL - YTONG THERMOBLOCK 30 cm+

Standard of energy efficient construction



Do you know that Ytong thermoblock 30+ is the only building construction element on the market which, without additional thermal insulation in one layer of only 30 cm and with extremely thin final treatment, satisfies legally regulated values of thermal conductivity coefficients? We recommend it for the construction of external walls of houses in all parts of Croatia!

<i>Ytong thermoblock 30+</i>	<i>..... 138,00 kn/m<sup>2</sup></i>
<i>transport and discharge on site (where haulier access is possible)</i>	<i>.... included in the price</i>
<i>Ytong thinbed mortar</i>	<i>.... included in the price</i>
<i>Ytong instructor on your site</i>	<i>.... included in the price</i>
<hr/>	
<b>Total external wall</b>	<b>138,00 kn/m<sup>2</sup></b>

Note: Price does not include VAT and is valid to 31<sup>st</sup> December, 2011

- Thermal insulation in basic wall
- U = 0,34 W/m<sup>2</sup>K
- Top anti-earthquake and fire protection
- Simple and thin final treatment

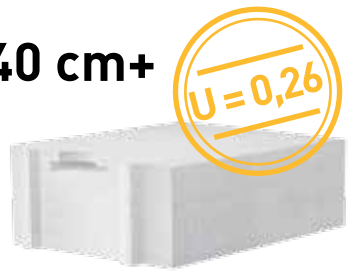
*The offer is valid for constructors of family houses according to the specific project and can be realized in all better building material stores.*

*For detailed information call toll-free info telephone 0800 7000, **send your project** and ask for the specification of Ytong materials and services.*



*My external wall for energy efficient house!*

## EXTERNAL WALL - YTONG THERMOBLOCK 40 cm+ Standard of energy efficient construction



For all who want to follow trends in construction, it is time to think about the house whose walls will be ahead of its time –**thermally top insulated , massive and earthquake resistant**. Ytong thermoblocks for external walls of 40cm+ without additional thermal insulation are recommended for house building, especially in continental parts of Croatia.

<i>Ytong thermoblock 40+</i>	<i>..... 170,00 kn/m<sup>2</sup></i>
<i>transport and discharge on site (where haulier access is possible)</i>	<i>.... included in the price</i>
<i>Ytong thinbed mortar</i>	<i>.... included in the price</i>
<i>Ytong instructor on your site</i>	<i>.... included in the price</i>
<hr/>	
<b>Total external wall</b>	<b>170,00 kn/m<sup>2</sup></b>

Note: Price does not include VAT and is valid to 31<sup>st</sup> December, 2011

- **Thermal insulation in basic wall**
- **U = 0,26 W/m<sup>2</sup>K**
- **Top anti-earthquake and fire protection**
- **Pleasant microclimate inside the area**

*The offer is valid for constructors of family houses according to the specific project and can be realized in all better building material stores.*

*For detailed information call toll-free info telephone 0800 7000, **send your project** and ask for the specification of Ytong materials and services.*



*My external wall for energy efficient house!*

# EXERNATL WALL - YTONG THERMOBLOCK 50 cm++

Standard of low energy construction



Novelty in the offer of Ytong building system is Ytong thermoblock 50 cm++ for external walls construction of the best possible thermal insulation in only one layer. Ytong thermoblock 50 cm++ is homogeneous and massive, and provides best possible microclimate inside your house!

<i>Ytong thermoblock 50+</i>	<i>..... 245,00 kn/m<sup>2</sup></i>
<i>transport and discharge on site (where haulier access is possible)</i>	<i>.... included in the price</i>
<i>Ytong thinbed mortar</i>	<i>.... included in the price</i>
<i>Ytong instructor on your site</i>	<i>.... included in the price</i>
<hr/>	
<b>Total external wall</b>	<b>245,00 kn/m<sup>2</sup></b>

Note: Price does not include VAT and is valid to 31<sup>st</sup> December, 2011

- Thermal insulation in basic wall
- U = 0,19 W/m<sup>2</sup>K
- Top anti-earthquake and fire protection
- Pleasant microclimate inside the area

The offer is valid for constructors of family houses according to the specific project and can be realized in all better building material stores.

For detailed information call toll-free info telephone 0800 7000, **send your project** and ask for the specification of Ytong materials and services.



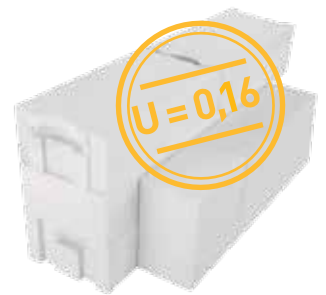
*My external wall for passive house!*

## EXTERNAL WALL - ENERGO PLUS SYSTEM

Ytong thermoblock 30 cm+

Ytong Multipor mineral thermo-insulating board 16 cm

Standard of constructing passive or "one-liter" houses



The house which implies energy consumption for heating/cooling of only 15 kWh/m<sup>2</sup> net surface per year is called PASSIVE or "one-liter" house. Ytong offers you quality solution here also: **the combination of Ytong thermoblock 30 cm+ in addition to Ytong Multipor mineral thermo-insulating board 16 cm.** Ytong Multipor is recommended also as a solution for additional insulation of external and internal sides of already built, but poor insulated houses.

<i>Ytong thermoblock 30+</i>	... 138,00 kn/m <sup>2</sup>
<i>Ytong Multipor board 16cm</i>	... 234,00 kn/m <sup>2</sup>
<i>transport and discharge on site (where haulier access is possible)</i>	... included in the price
<i>Ytong thinbed mortar</i>	... included in the price
<i>Ytong instructor on your site</i>	... included in the price

**Total external wall 372,00 kn/m<sup>2</sup>**

- **Massive mineral external wall of the passive house**
- **U = 0,16 W/m<sup>2</sup>K**
- **The most pleasant microclimate inside the area**
- **Environmentally clean construction in accordance with nature**
- **Top anti-earthquake and fire protection**

*The offer is valid for constructors of family houses according to the specific project and can be realized in all better building material stores.*

*For detailed information call toll-free info telephone 0800 7000, **send your project** and ask for the specification of Ytong materials and services.*

Note: Price does not include VAT and is valid to 31<sup>st</sup> December, 2011



## EXTERNAL BEARING AND NON-BEARING YTONG WALLS ROOF AND CEILING CONSTRUCTIONS

Massive, load-bearable, quick and simple!



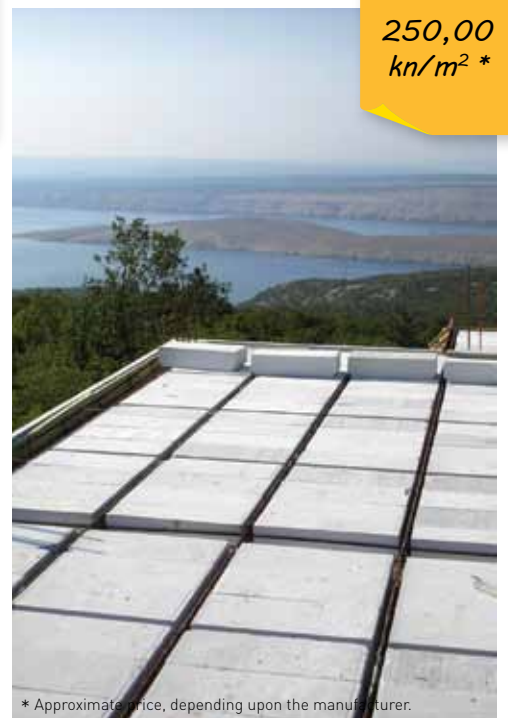
184,00  
kn/m<sup>2</sup>

**YTONG WALL  
BLOCK 25 cm**  
Load-bearing inner walls



126,00  
kn/m<sup>2</sup>

**YTONG WALL  
BOARD 15 cm**  
Non-bearing inner walls



250,00  
kn/m<sup>2</sup> \*

**YTONG CEILING**  
Roof and ceiling constructions

\* Approximate price, depending upon the manufacturer.

*Ytong instructor:*

*"I regularly take care of the construction of your Ytong house."*



## SERVICES FOR OUR CUSTOMERS

*Included in price!*

Ytong and Ytong Multipor are produced by German technology in order to make house building more economical, environmentally acceptable and top-energy efficient. To make building even more favorable, we offer to all buyers of our products for building of family houses **complete service, from idea to realization, along with additional services included in the basic price of a product:**

- **Concept design or minor changes in your project documentation**
- **Specification of Ytong material**
- **Ytong thinbed mortar**
- **Ytong tool kit for your artisans**
- **Help of Ytong instructor in the construction site**
- **transport and discharge in your construction site (islands excluded)**

**Toll free info telephone:**

**0800 7000**

Call us, get informed and order your free brochures and videos.





## EXPERIENCES OF OUR USERS

### They built with Ytong! Why Ytong?

In the time of the construction planning we didn't have much information about building materials, only slightly about classic brick building. We searched for the information over Internet and followed blog discussions. We visited a few manufacturers, and finally we were delighted by modern approach of Ytong team, which gained our trust with lot of advices and concrete and free services. We could even choose either to build by our own or already prepared Ytong project. But, the characteristics of Ytong thermoblocks were decisive; we wanted massive built house with top thermal characteristics, resistant to influence of cold in winter and heat in summer. And above all, safe from earthquake and fire.

### Ytong provided us all of that!

Ahčin family, Zagreb



**Xella porobeton HR d.o.o.**

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