

CZAMANINEK
POWER IN QUALITY

PRODUCT CATALOG



**PERFECTION AT EVERY
STAGE OF CONSTRUCTION**

INSPIRED BY NATURE | DESIGNED WITH PASSION

www.czamaninek.pl

Expanded clay aggregate - a warm and healthy eco-friendly material

100% Natural



Expanded clay aggregate is made from clay without the addition of artificial ingredients, making it a 100% natural and safe material.



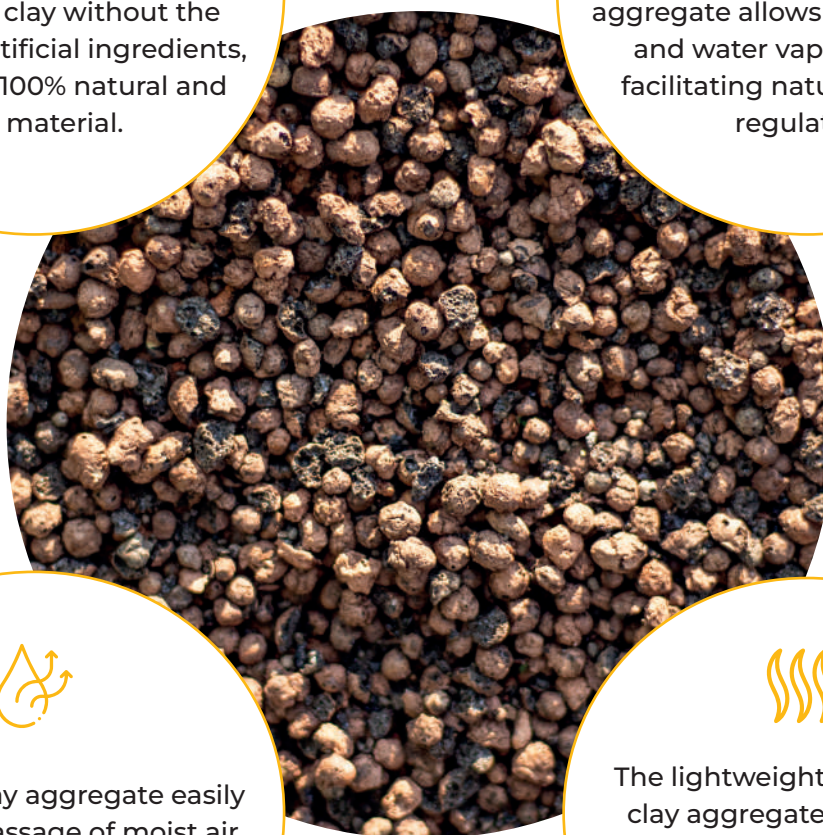
The porosity of expanded clay aggregate allows for free airflow and water vapor diffusion, facilitating natural moisture regulation.



Expanded clay aggregate easily allows the passage of moist air without retaining water in its structure, which is why it is naturally a dry material.

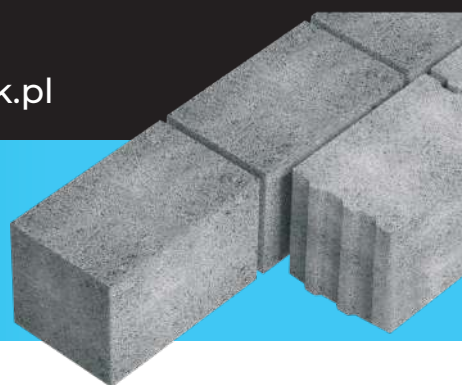


The lightweight of expanded clay aggregate makes it an excellent insulator, allowing it to retain heat in our homes during freezing winter days and nights.

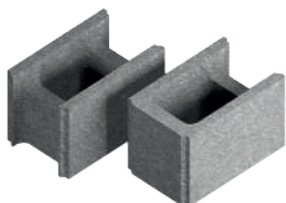


Find out more at www.czamaninek.pl

SUBSTRUCTURE



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Lightweight concrete shuttering block

The shuttering block is called the filling or flooding block that fulfills the role of **permanent formwork**. It is used in the construction of foundation walls, load-bearing walls, and residential buildings and economic, poles and pillars, retaining walls, etc.

 8 MPa  (70 pcs/plt)  W. 24/L. 37,5/H. 24 cm  16 kg



Formwork-fencing black





The shuttering block is called the filling or flooding block that fulfills the role of **permanent formwork**. It is used in the construction of foundation walls, load-bearing walls, and residential buildings and economic, poles and pillars, retaining walls, etc.

 8 MPa  (70 pcs/plt)  W. 24/L. 37,5/H. 24 cm  16 kg



Liatop Start

substructure block, expanded clay concrete, The basic foundation block in the Czamaninek system. **10,5 pcs/m²**

 15 MPa  (48 pcs/plt)  W. 24/L. 37,5/H. 24 cm  26.5-28 kg



Bloczek BF-38

Lightweight expanded clay substructure block

A solution for passive houses and single-story buildings where thermal insulation of the foundation wall is crucial. **10,5 pcs/m²**




 5 MPa  (48 pcs/plt)  W. 24/L. 38/H. 24 cm  22-24 kg



Block BF P+W

Complementary expanded clay concrete foundation block

Expanded clay concrete foundation block with a height of 12 cm, which can be used both as a basic foundation wall and its topping.

 5 MPa  (60 pcs/plt)  W. 24/L. 37,5/H. 24 cm  20-24 kg



BS wreath block

supplementary foundation block, expanded clay concrete

A 12 cm high expanded clay concrete block for a foundation, which can be used both as a basic foundation wall and as its crowning.

 15 MPa  (80 pcs/plt)  W. 24/L. 38/H. 12 cm  14 kg



Single-family houses

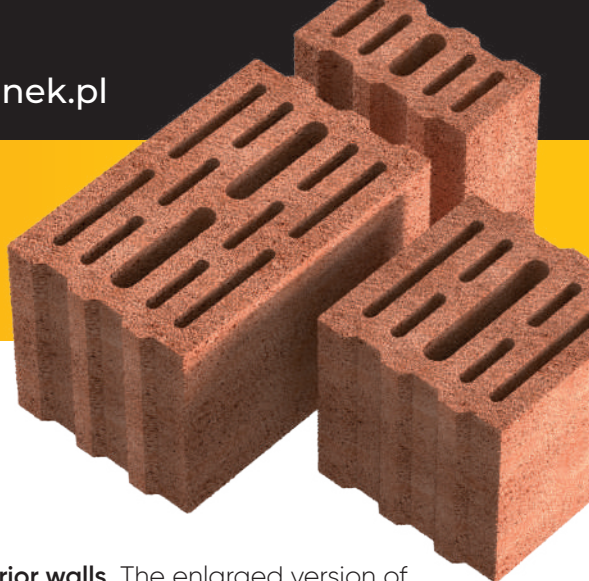


Public utility buildings



Multistory residential buildings
Development investments

WALLS



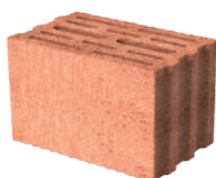
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Block AKU K5 50

Lightweight concrete wall block for interior and exterior walls. The enlarged version of AKU K5 block with a length of 50 cm, designed primarily for single-family residential buildings with structural walls of 24 cm thickness.

 2 MPa  (60 pcs/plt)  W. 24/L. 50/H. 24 cm  21 kg



Block AKU K5 37,5

The lightweight concrete wall block for interior and exterior walls. The foundation of the AKU wall system with a wall thickness of 24 cm.

 4 MPa  (70 pcs/plt)  W. 24/L. 37,5/H. 24 cm  16,5 kg



Complementary Aku K5 wall block 25

The lightweight concrete wall block for interior and exterior walls. The foundation of the Aku wall system. Complementary element.

 4 MPa  (105 pcs/plt)  W. 24/L. 25/H. 24 cm  11 kg



Complementary Aku K5 wall block 12.5

The lightweight concrete wall block for interior and exterior walls. The foundation of the Aku wall system. Complementary element

 4 MPa  (120 pcs/plt)  W. 24/L. 12,5/H. 24 cm  5,5 kg



Block AKU EKO PLUS

Lightweight concrete block with increased strength. Perfectly fulfilling the role in places of increased loads.

 6 MPa  (60 pcs/plt)  W. 24/L. 37,5/H. 24 cm  26-28 kg



51 dB

Block AKU K3 18

The lightweight concrete wall block for interior and exterior walls. The AKU block version with three rows of cells, serving as the basis for the system to construct buildings with structural walls of only 18 cm thickness

 4 MPa  (84 pcs/plt)  W. 18/L. 37,5/H. 24 cm  17 kg



56 dB

Block AKU K2

Lightweight concrete block with increased strength. Perfectly fulfills its role in places of increased loads.

 15 MPa  (60 pcs/plt)  W. 18/L. 37,5/H. 24 cm  26-28 kg



Single-family houses

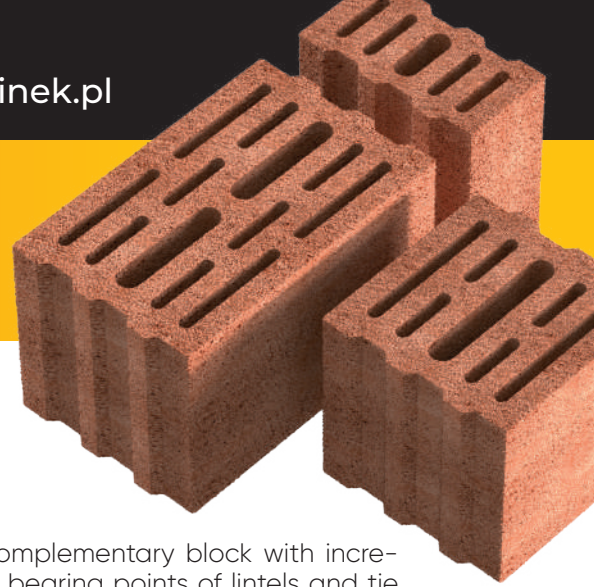


Public utility buildings



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Development investments

WALLS







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Block - footing

Complementary lightweight concrete wall block. Complementary block with increased compressive strength, designed for use at the bearing points of lintels and tie beams, as well as under the ceiling ring beam.

 8 MPa  (100 pcs/plt)  W. 24/L. 12.5, 25, 37.5/H. 12 cm  4.2-12.6

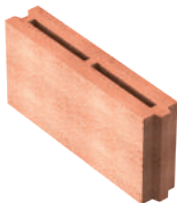


58 dB

Acoustic brick 18

Lightweight concrete wall block with enhanced acoustic insulation properties. Solid masonry unit dedicated for constructing load-bearing and non-load-bearing walls.

 15 MPa  (50 pcs/plt)  W. 18/L. 38/H. 24 cm  28.5 kg



Termo 12 (perforated)

Partition wall block. Termo 12 with perforations is the fundamental solution dedicated to partition walls, enabling rapid construction without vertical tongue and groove joints.

 2 MPa  (126 pcs/plt)  W. 12/L. 50/H. 24 cm  9.38 kg



Termo 12 (solid)

Partition wall block. The full version of the product line for partition walls is characterized by better acoustic performance and increased flexibility when routing complex installations in the grooves.

 2 MPa  (108 pcs/plt)  W. 12/L. 50/H. 24 cm  12.56 kg



Termo 10 (solid)

Partition wall block. The full version of the product line for partition walls is characterized by better acoustic performance and increased flexibility when routing complex installations in the grooves.

 2 MPa  (120 pcs/plt)  W. 10/L. 50/H. 24 cm  7.24 kg



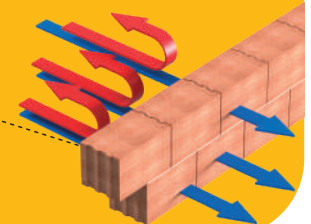
Block Termo Czamaninek 36,5

Lightweight concrete wall block for interior and exterior walls. A proposal with the best thermal properties and increased thickness of 36,5 cm, allowing for reduced thermal insulation thickness.

 2 Mpa  (54 pcs/plt)  W. 36.5/L. 24/H. 25 cm  15.86 kg

Lightweight and thermal insulating block

By harnessing the possibilities offered by expanded clay, we have created a block that is as lightweight and thermally insulating as gas concrete, while being natural and eco-friendly like ceramics. The most breathable brick on the market



Single-family houses



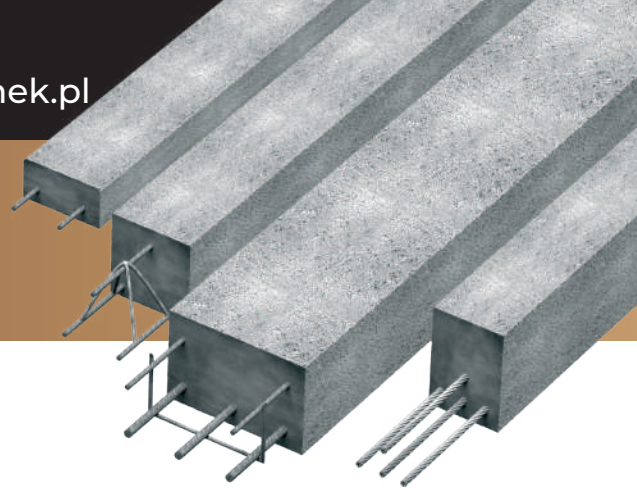
Public utility buildings



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Development investments

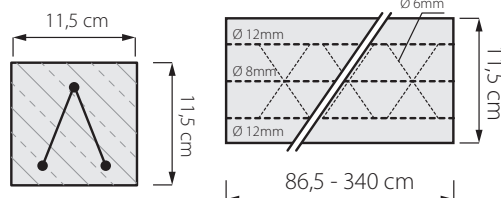
LINTELS

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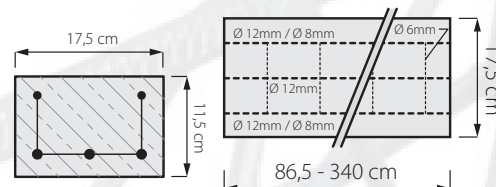
PN 11.5x11.5 - The lintel made of lightweight concrete.

Reinforced concrete lintels made of lightweight concrete LC 30/33 for walls with a thickness of 24cm and 36.5cm.



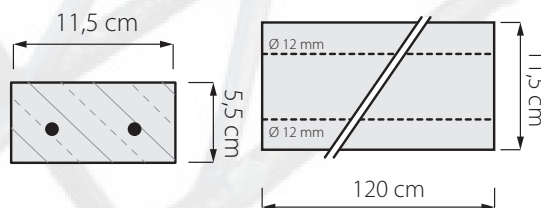
PN 17.5x11.5 - The lintel made of lightweight concrete.

Reinforced concrete lintels made of lightweight concrete LC 30/33 for walls with a thickness of 18cm, 36.5cm, and 24cm. Dedicated for use in the installation of external and recessed roller shutters.

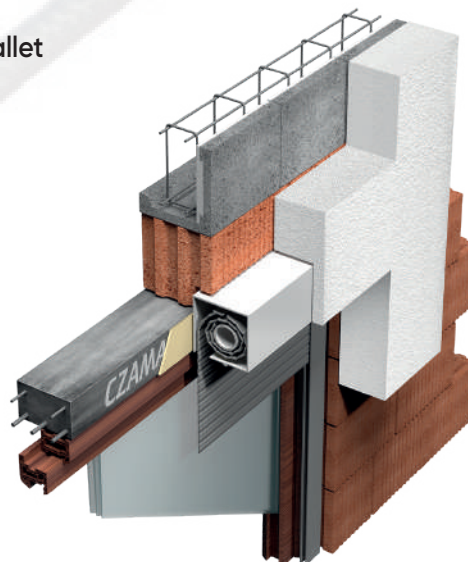


Lintels NLC 11.5x5.5

Reinforced concrete lintels for use in non-load-bearing walls with a thickness of 12 cm



Length of the lintel (cm).	Weight of the lintel (kg).	Number of layers/pieces per pallet	
		11.5/11.5	17.5/11.5
86,5	18	6/48	8/40
99,0	21	6/48	8/40
124,0	25	6/48	6/30
149,0	31	6/48	6/30
174,0	37	4/40	5/25
200,0	42	4/32	5/25
220,0	46	4/32	4/20
249,0	54	3/24	4/20
280,0	58	3/24	3/15
310,0	68	2/16	3/15
340,0	74	2/16	3/15



Single-family houses



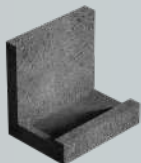
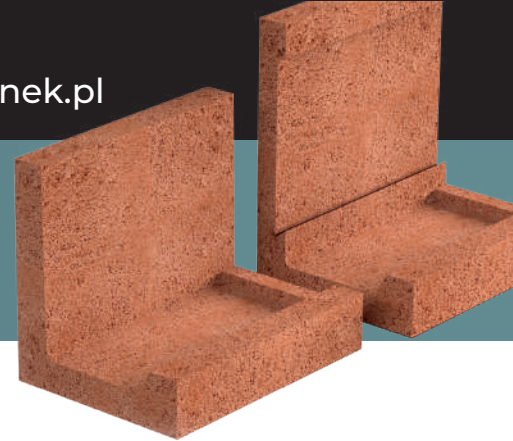
Public utility buildings



Multistory residential buildings
Development investments

SHAPES

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Crown block KLB L 24

Designed for constructing ring beam enclosure on walls with a thickness of 24 cm. The constructional height of the ceiling is 24 cm

3 pcs/mb (80 pcs/plt) W. 24/L. 33/H. 31.5 cm 11.56 kg



Crown block KLB L 24/27

Designed for constructing ring beam enclosures on walls with a thickness of 24 cm.

3 pcs/mb (96 pcs/plt) W. 24/L. 33/H. 27 cm 10.82 kg



Crown block KLB L 24/37.5

Designed for constructing ring beam enclosures for ceilings with a constructional height of 30 cm. On wall 24 cm.

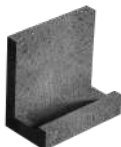
3 pcs/mb (80 pcs/plt) W. 24/L. 33/H. 37.5 cm 13.2 kg



Crown block KLB L 36.5

Designed for constructing ring beam enclosures on walls with a thickness of 36.5 cm. The constructional height of the ceiling is 24 cm

3 pcs/mb (48 pcs/plt) W. 36.5/L. 33/H. 31 cm 15.68 kg



Crown block KLB L 18

Designed for constructing ring beam enclosures on walls with a thickness of 18 cm. The constructional height of the ceiling is 24 cm.

3 pcs/mb (100 pcs/plt) W. 18/L. 33/H. 31.5 cm 10.74 kg



Crown block KLB C 24

Designed for constructing ring beam enclosures with double-sided support for the ceiling on a wall with a thickness of 24 cm

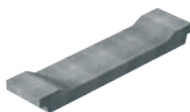
4 pcs/mb (192 pcs/plt) W. 24/L. 25/H. 7.5 cm 5.42 kg



Crown block KLB C 18

Designed for constructing ring beam enclosures with double-sided support for the ceiling on a wall with a thickness of 18 cm..

4 pcs/mb (240 pcs/plt) W. 18/L. 25/H. 7.5 cm 4.06 kg



Structural distribution rib block

Recommended for use in ribbed slabs with spans exceeding 4 meters.

KZ 70 (120 pcs/plt) W. 62/L. 12/H. 9 cm 6.28 kg
KZ 60 (280 pcs/plt) W. 52/L. 12/H. 9 cm 4.86 kg



U24 ring beam block

Designed for constructing ring beam enclosures on walls with a thickness of 24 cm

3 pcs/mb (80 pcs/plt) W. 24/L. 33/H. 24 cm 9.58 kg



U31 ring beam block

Designed for constructing ring beam enclosures on walls with a thickness of 24 cm

3 pcs/mb (60 szt./pal.) szer. 24/dł. 33/wys. 31 cm 15.02 kg



Single-family
houses



Public utility
buildings



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Development investments

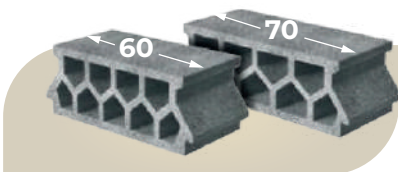
CEILINGS

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Czamaninek 60EU i 70EU

Ceiling system with a construction height of 24 cm and beam spacing of 60 and 70 cm. The most frequently chosen ceiling from the Czamaninek company. The total construction height including the concrete topping is 24 cm, and the spacing between the beams is 60 or 70 cm.

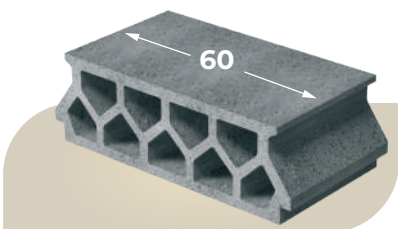


60EU W. 52/H. 20/L. 24 cm

70EU W. 62/H. 20/L. 24 cm

Czamaninek K-9/16 60EU

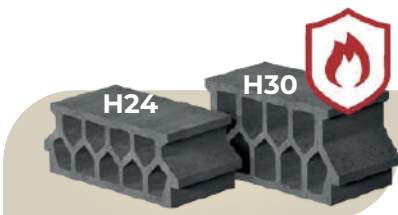
The 9-cavity floor block is designed for constructing densely-ribbed ceilings with a beam spacing of 60 cm. The constructional height of the ceiling is 20 cm.



W. 52/H. 16/L. 24 cm

fire-resistant ceiling Czamaninek 60EU R60

A floor system with a constructional height of 24 and 30 cm, with increased fire resistance. A floor system with confirmed R60 fire resistance by ITB tests. Available in two variants.



H24 W. 52/H. 20/L. 24 cm

H30 W. 52/H. 26/L. 24 cm

Support at every stage of the investment.



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CONSTRUCTION CHEMICALS INSULATION SYSTEM

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5 Mp

Adhesive for clay aggregate concrete blocks and bricks

The solution is dedicated to precisely crafted lightweight concrete wall elements. Czamaninek adhesive is a complement to the wall system. We have created a solution that allows achieving maximum compressive strength of the wall while maintaining appropriate workability

(54 szt./pal.)



Czamaninek Cz 19

Czamaninek plastering mortar is used as an undercoat layer between the load-bearing substrate and the top layer (finish coat), such as lightweight Czamaninek machine plaster.

(54 szt./pal.)



Czamaninek Cz 17

The lightweight cement-lime machine plaster. Czamaninek mortar is a lightweight plaster mortar designed for machine application for traditional interior plastering. It can also be applied manually.

(54 szt./pal.)



Czamaninek Cz 1

The adhesive mortar for attaching polystyrene boards. Czamaninek adhesive mortar is a cement-based adhesive mortar designed for attaching polystyrene boards to the substrate in the Czamaninek system. It can be used on all typical, load-bearing, and even mineral substrates such as concrete, renders, brick walls, lightweight concrete blocks.

(54 szt./pal.)



10 Mp

AKU PLUS PREMIUM adhesive for expanded clay concrete blocks with a strength of 10 MPa.

A solution dedicated to precisely manufactured wall elements made of lightweight concrete. Czamaninek adhesive complements the wall system. We have developed a solution that ensures maximum compressive strength of the wall while maintaining optimal workability

(54 szt./pal.)



Czamaninek Cz 2B

White adhesive mortar for creating a reinforcing layer and bonding polystyrene boards. This is a white, cement-based adhesive mortar designed for use in forming the reinforcing layer within the Czamaninek system

(54 szt./pal.)



Styrofoam Super Fasada Cz 038

EPS (Expanded Polystyrene) foam boards. Used in applications requiring the transfer of low mechanical loads, especially for thermal insulation purposes.



Primer Czamaninek

The Czamaninek primer is designed for preparing the substrate before applying mineral, mosaic, acrylic, and siloxane plasters.



Single-family houses



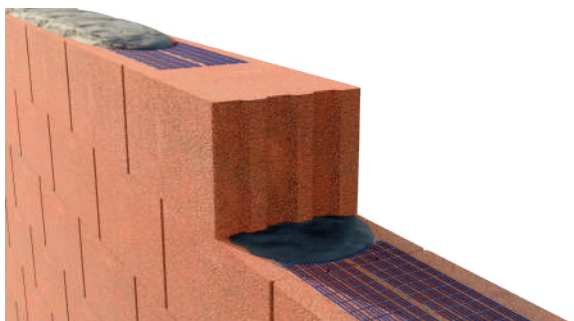
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REINFORCEMENT

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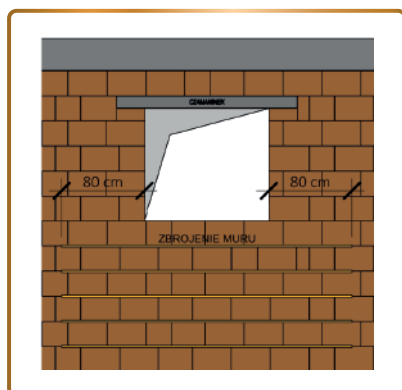
Masonry reinforcement – dedicated for adhesive mortars

1. Murfor Compact I
50 reinforcement

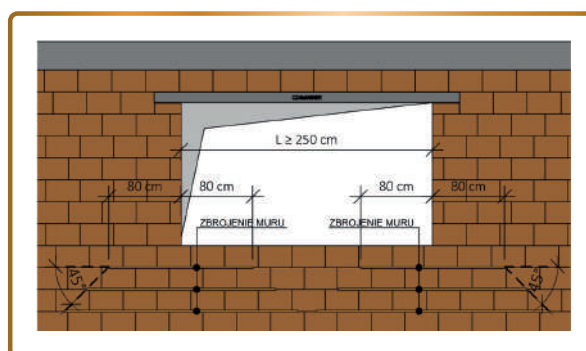


2. Reinforcement dedicated for cement-lime mortar, TYPE 200/2.5m
3. Reinforcement dedicated for cement-lime mortar, TYPE 140/2.5m

Method of protecting the perimeter area from cracking by using reinforcement in the joints



At openings smaller than 250 cm



At openings larger than 250 cm



Single-family houses



Public utility buildings



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EXPANDED CLAY



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Expanded clay Big Bag Leca 0/4

Leca 0/4 expanded clay is a lightweight aggregate with good insulating and drainage properties, ideal for sub-bases and lightweight concrete.

1 M³



Expanded clay Big Bag Leca 4-10

Leca 4/10 expanded clay is a medium-grade aggregate characterized by lightness, good insulating properties, and permeability, ideal for lightweight concrete, thermal insulation, and drainage.

1 M³



Expanded clay Big Bag Leca 10-20

Leca 10/20 expanded clay is a lightweight aggregate with excellent drainage properties, ideal for fill materials and insulation in construction.

1 M³



Insulating Expanded Clay Leca 8/20

Leca 8/20 expanded clay is a lightweight aggregate with good permeability and insulating properties, ideal for drainage, fill materials, and insulation in construction.

55 L



Expanded clay bucket

Decorative expanded clay is a lightweight aggregate used for mulching and decoration, which retains moisture in the soil and protects against weeds.

18, 10, 5, 2.5 L



Bulk expanded clay

We offer all types of expanded clay for bulk sale, available in various fractions, including decorative and construction grades.



Single-family houses



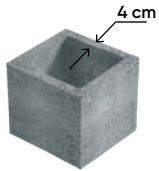
Public utility buildings



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CHIMNEYS and VENTILATION

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Ventilation block W-1

1 ventilation ducts



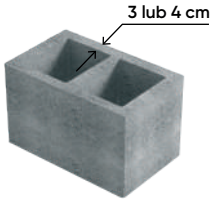
(100 pcs/plt)



15 kg



W. 24/L. 20/H. 33 cm



Ventilation block W-2

2 ventilation ducts



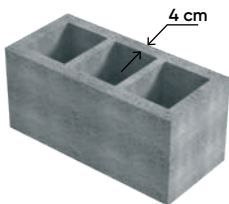
(60 pcs/plt)
(50 pcs/plt)
(30 pcs/plt)
(84 pcs/plt)



21 kg
22 kg
21 kg
16 kg



W. 24/L. 36/H. 33 cm/wall thickness 4 cm
W. 24/L. 36/H. 33 cm/wall thickness 3 cm
W. 25/L. 36/H. 33 cm/wall thickness 4 cm
W. 24/L. 38/H. 24 cm/wall thickness 4 cm



Ventilation block W-3

3 ventilation ducts



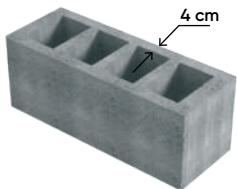
(50 pcs/plt)



22 kg



W. 24/L. 52/H. 33 cm



Ventilation block W-4

4 ventilation ducts



(25 pcs/plt)



36 kg



W. 24/L. 68/H. 33 cm



Universal chimney system

Universal and particularly useful chimney systems. Suitable for solid, liquid, and gas fuels, as well as for both low and high exhaust gas temperatures.



Chimney system for solid fuels

Schiedel Stabil is a three-layer insulated chimney system designed for the removal of dry flue gases from heating devices using solid fuels.



Multifunctional chimney system

Schiedel Dual is an innovative multifunctional chimney system that allows for the removal of flue gases from solid fuel, gas, and oil boilers, including condensing boilers.



Air-flue chimney system

Schiedel Quadro Pro is the latest addition to the Schiedel range, an air-flue system designed for the removal of flue gases from gas and oil-powered appliances in residential construction.



Single-family houses



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Are you looking for
**ready-made single-family
house designs?**



You will find them on **our new website!**

www.lewbudowy.czamaninek.pl



Upon the client's request, we will
provide a materials cost estimate.



CZAMANINEK

MOC W JAKOŚCI

Thank you for choosing
the original products of
Czamaninek.

Czamaninek Office

Czamaninek 3, 87-875 Topólka
biuro@czamaninek.pl



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ramona.malinowska@czamaninek.pl



Logistyka



- Trust us if you need fast and secure transportation.

Our qualified staff will take care of
delivering materials to your location
according to your requirements.

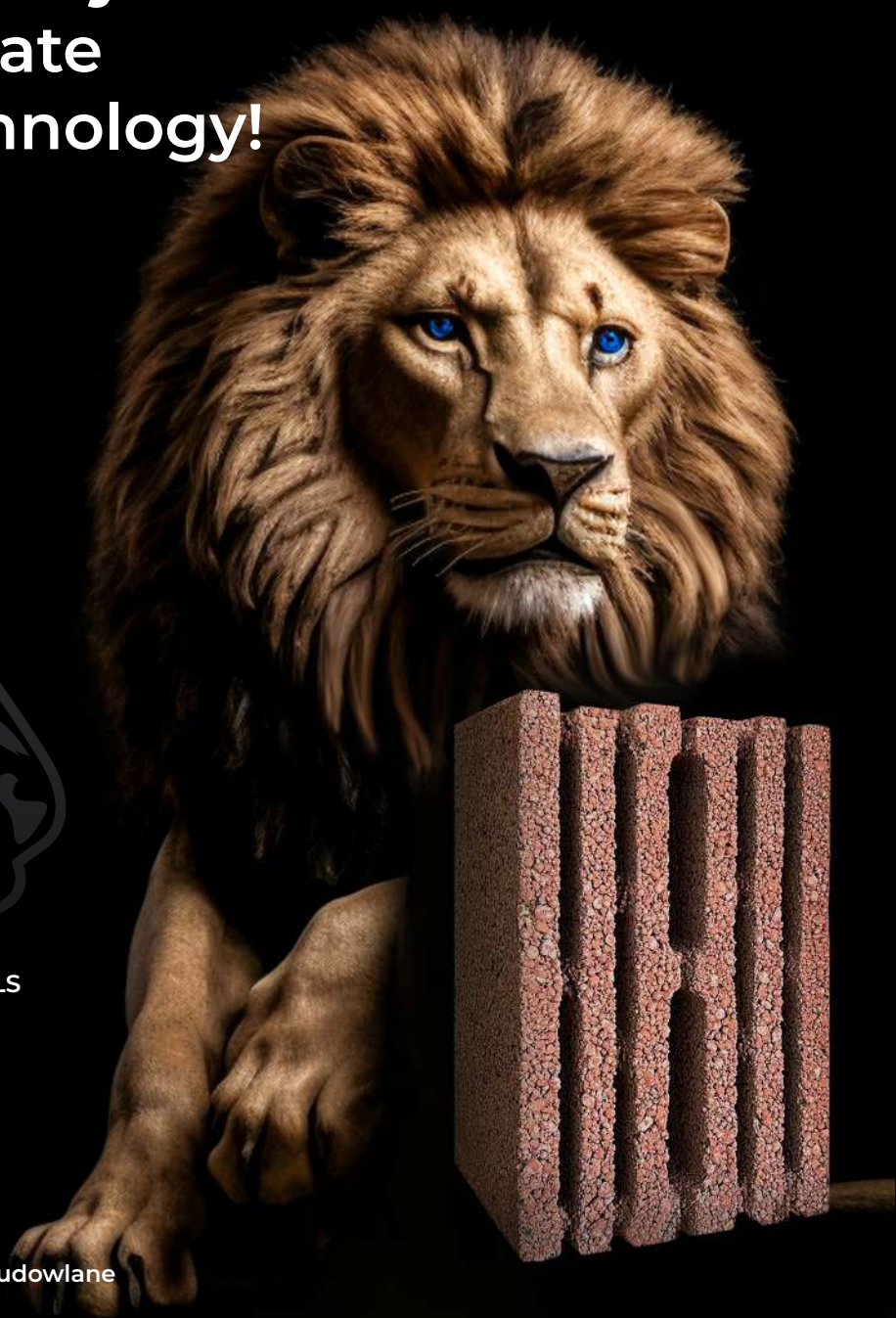
We can come to any location!

- We have a fleet of heavy-duty trucks equipped with specialized four-way Moffett forklifts, which can handle any terrain with ease.



BE THE LION OF YOUR OWN CONSTRUCTION

**Do you have a project?
We will recalculate
it using our technology!**



MANUFACTURER OF BUILDING MATERIALS

Czamaninek 3, 87-875 Topólka

tel. 54 286 94 44 / 54 286 90 18

NIP: 889 151 97 87, REGON: 385698798

KRS: 0000832005



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Contact us
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