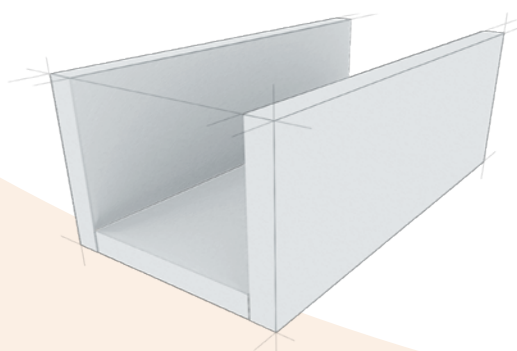
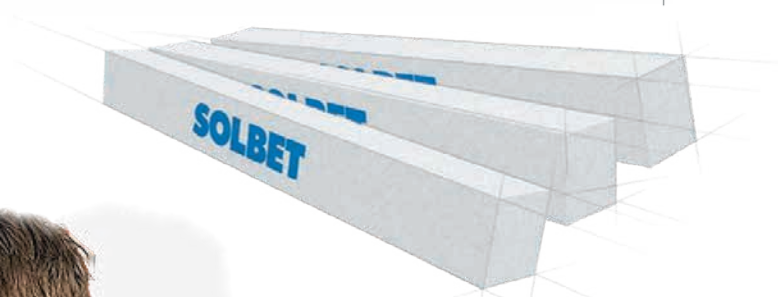
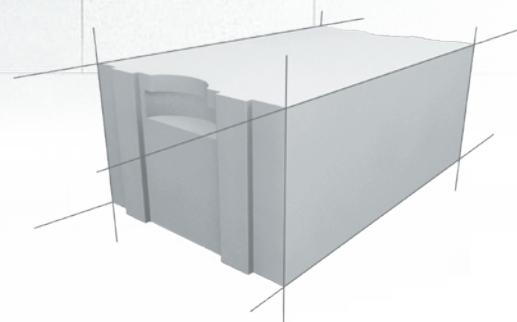


SOLBET[®]

KOLBUSZOWA

Spółka Akcyjna



The cellular concrete
is the best choice

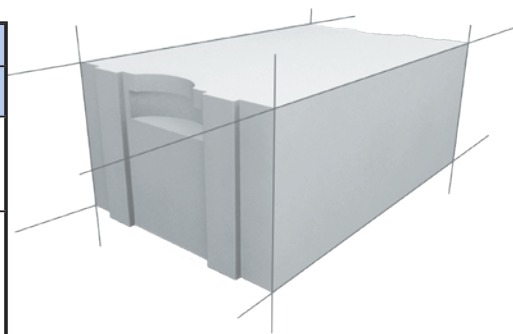
CE



ASSORTMENT

AAC Masonry Elements

COMPONENTS FOR MASONRY				
NAME OF ELEMENT	TYPE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
SLABS	590/60	590	60	240
	590/80		80	
	590/100		100	
	590/120		120	
	590/150		150	
BLOCKS*	590/180	590	180	240
	590/200		200	
	590/240		240	
	590/300		300	
	590/360		360	
	590/380		380	
	590/420		420	
FORMWORK ELEMENTS FOR LINTELS WITH POLYSTYRENE OR NOT	U _s - with polystyrene U - without polystyrene	500	240 300 360 380 420	240
FLAT ELEMENTS OF RIM BUILDING	I - with polystyrene	590	120	240
REINFORCED LINTELS OF AAC	Exact specification of the elements is indicated in the table below.			
* It is possible to make blocks for the tongue and groove and smooth blocks with mounting brackets.				



COMPRESSIVE STRENGTH IN WET STATE (6 +/- 2)% MASS

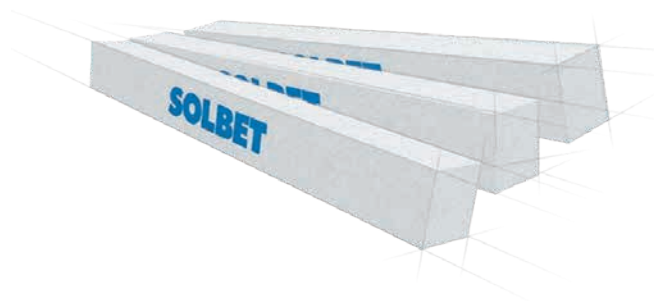
GROSS DENSITY IN THE DRY STATE	AN AVERAGE COMPRESSIVE STRENGTH (N/mm ²)	SHEARING STRENGTH (N/mm ²)
350	1,5	0,30
400	2,0	
500	2,5	
600	3,0	
700	4,0	

REINFORCED LINTELS

- meets the requirements of PN - EN 845 -2
- manufactured based on our own technical documentation,
- ABK density of 650 kg/m³ and the compressive strength of 4 N/mm² according to PN - EN 772 -1
- reinforcement protected by anti-corrosion product
- application - for bridging window and door openings in external and internal load-bearing walls and partitions

BENEFITS

- coefficient of thermal conductivity λ similar to the wall material
- quick installation
- elimination of labor-intensive activities of formwork, reinforcement and concreting
- elimination of technological gaps needed to bind concrete
- no need for additional insulation ring
- lintels of AAC are equal, smooth and uniform wall fragments which are easy to plastering



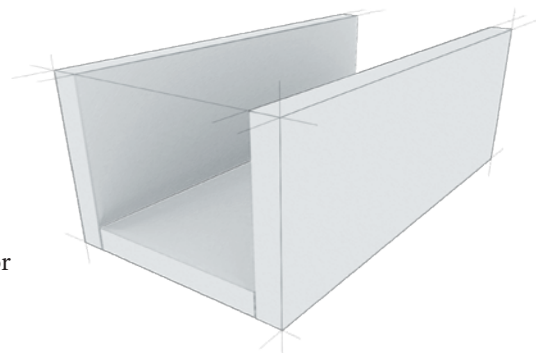
ASSORTMENT AND TECHNICAL PARAMETERS OF REINFORCED LINTELS OF AAC

no	Symbol of the lintel	Dimensions (mm)	Maximal width of the opening in the wall (mm)	Minimal length of the support of the lintel (mm)	Bending load (kN)	The maximum uniform load (kN/m)	Mass of the lintel (kg)
1	NS 140/12	120x240x1400	1000	200	25	26,9	37
2	NS 160/12	120x240x1600	1200	200	25	13,9	43
3	NS 200/12	120x240x2000	1500	250	25	16,3	57
4	NS 230/12	120x240x2300	1800	250	25	13,9	65
5	NS 140/18	180x240x1400	1000	200	30	32,2	53
6	NS 160/18	180x240x1600	1200	200	30	17	62
7	NS 200/18	180x240x2000	1500	250	30	19,8	80
8	NS 230/18	180x240x2300	1800	250	30	17	92

U-SHAPED FITTINGS

USE

- as formwork for the implementation of concrete lintels over openings ordinary windows and doors in exterior walls and interior load-bearing walls
- the column casing
- a wreath gable
- meets the requirements of PN - EN 771 - 4
- individually designed according to the needs of the wide opening in a window or door and the loads acting on the lintel



ASSORTMENT AND TECHNICAL PARAMETERS OF THE U-SHAPED FITTINGS

ASSORTMENT	EXTERNAL DIMENSIONS (mm)			INTERNAL DIMENSIONS (mm)			MASS (kg)
	LENGTH	WIDTH	HEIGHT	LENGTH	WIDTH	HEIGHT	
U 24	500	240	240	500	120	180	14,5
U 30	500	300	240	500	180	180	18,0
U 36	500	360	240	500	240	180	20,0
U 38	500	380	240	500	260	180	20,5
U 42	500	420	240	500	280	180	21,5

THE ADVANTAGES OF THE CELLULAR CONCRETE

The Aerated concrete made by SOLBET Kolbuszowa SA, is a product of the highest ecological properties, friendly for man and nature, meets the requirements of BS EN 771-4 and having a European CE mark.

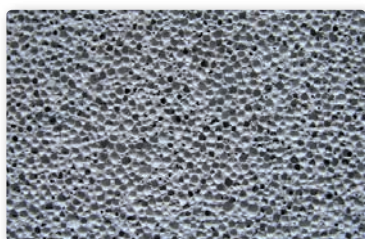
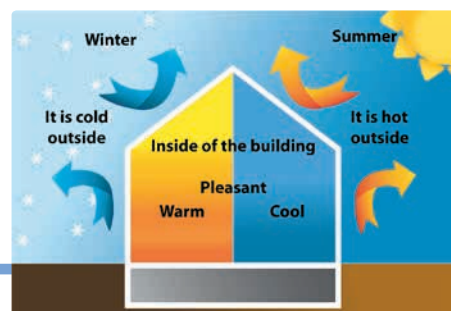


Products of cellular concrete are made only with natural ingredients such as:

- sand with a high content of quartz
- lime
- cement
- water
- aluminum powder

Aerated concrete is a material that gives a possibility to make a homogeneous external walls, which meet the requirements for thermal protection of buildings.

Good heat storage properties make house insensitive to temperature changes, which means that it offers a pleasant and welcoming climate.



The porous structure of cellular concrete makes the walls „Breathe”.



Aerated concrete is a material of outstanding economic values, which allows a significant savings of thermal energy. Also the cost of transport, wall building and installation of the wall is lower compared with other materials.

PRIZES, AWARDS AND CERTIFICATES



Quality Management System Certification ISO 9001



Golden Globe - „Leader of the Province of podkarpackie” 2012/2013



Certificate „Reliable Company of the province of podkarpackie”



The Certificate of the Factory Production Control

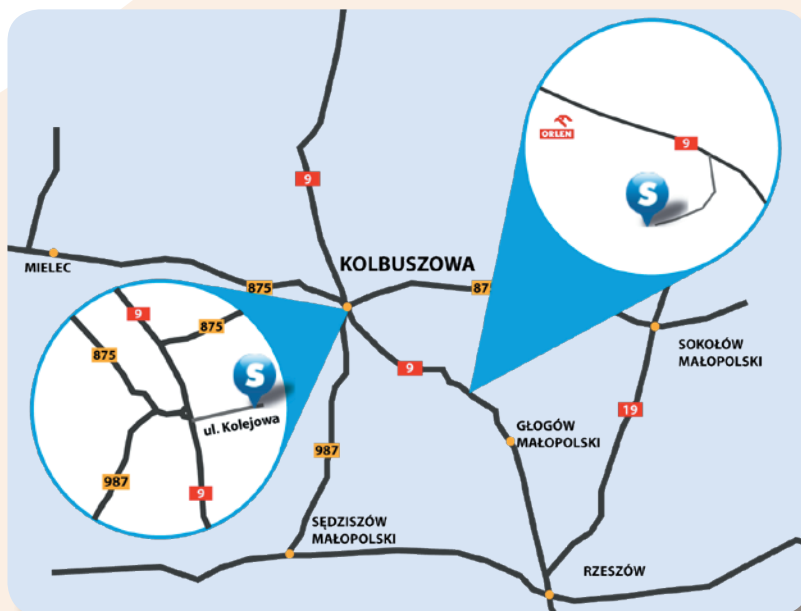


Gold Medal of Poznań International Fair „BUDMA” 2008 for lintels reinforced of autoclaved aerated concrete

CONTACT

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www.solbet-kolbuszowa.com.pl

Detailed information on the technical specifications of our products
can be found on our website.