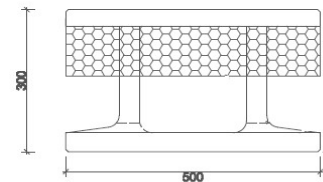
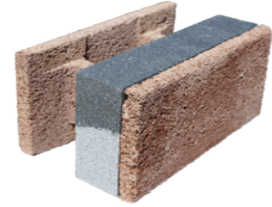


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Parameters						
Application of product			building system for construction above ground			
Production			Slovakia: Bratislava, Austria: Achau, Mautern			
According to norm: EN 15498			length	width	height	
Dimensions	Declared dimension		mm	500	300	250
	Concrete core size		mm	120		
	Prierez vnútorného rebra		cm ²	2 x 60		
	Surface of concrete core in the masonry layer		cm ² /m	878		
	Surface of concrete core between masonry layers (with mandatory offset of 25 cm)		cm ² /m	758		
Weight	Weight		kg/pcs	11		
	Weight of wall per m ² (with concrete filling 2 200 kg/m ³) without plaster		kg/m ²	326		
	Oven-dry density of block		kg/m ³	< 600		
Application data	Application rate		ks/m ²	8		
	Requirement of concrete filling		[liter/block]	11,8		
	Requirement of concrete filling		liter/m ²	99		
	Estimated requirement of construction steel		kg/m ²	0,25		
	Standard packaging		pcs/palette	32		
Thermal parameters	Thermal resistance	R	m ² K/W	3,59		
	Coefficient of heat conductivity (with plaster)	U	W/m ² K	0,26		
Other parameters	Fire protection class		class	B-s1, d0		
	Fire resistance (with plaster)		-	REI 180		
	Flexural strenght of the outer layer		N/mm ²	NPD		
	Sound reduction index	R _{w(c,ct)}	dB	NPD		
	Freeze resistance		-	freeze resistant		
	Distortion under moisture		mm/m	NPD		
	Expenditure of work		h/m ²	0,5 – 0,7 (dependent on design)		



Product description

Block with integrated thermal insulation. Has to be filled with concrete to form a complete wall.

Range of application

Construction of load-bearing walls.
Construction of outer walls of detached houses, semi-detached houses, multiple story residential buildings, office buildings, industrial buildings.
Additional thermal insulation not required.

Complement

Universal block

