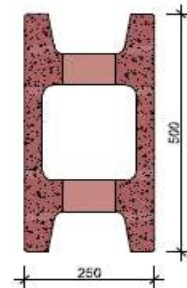


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Parameters						
Application of product		building system for construction above ground				
Production		Slovakia: Bratislava, Austria: Achau, Mautern				
According to norm: EN 15498				length	width	height
Dimensions	Declared dimension		mm	500	250	250
	Concrete core size		mm	180		
	Prierez vnútorného rebra		cm ²	2 x 55		
	Surface of concrete core in the masonry layer		cm ² /m	1347		
	Surface of concrete core between masonry layers (with mandatory offset of 25 cm)		cm ² /m	1139		
Weight	Weight		kg/pcs	14		
	Weight of wall per m ² (with concrete filling 2 200 kg/m ³) without plaster		kg/m ²	431		
	Oven-dry density of block		kg/m ³	810		
Application data	Application rate		ks/m ²	8		
	Requirement of concrete filling		[liter/block]	18,1		
	Requirement of concrete filling		liter/m ²	145		
	Estimated requirement of construction steel		kg/m ²	0,25		
	Standard packaging		pcs/palette	40		
Thermal parameters	Thermal resistance	R	m ² K/W	0,83		
	Coefficient of heat conductivity (with plaster)	U	W/m ² K	0,87		
Other parameters	Fire protection class		class	A2-s1, d0		
	Fire resistance (with plaster)		-	REI 180		
	Flexural strenght of the outer layer		N/mm ²	≥ 0,25		
	Sound reduction index	R _{w(c,ct)}	dB	63 (-3, -6)		
	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

Has to be filled with concrete to form a complete wall.

Range of application

Construction of load-bearing walls. Construction of outer and inner walls of detached houses, semi-detached houses, multiple story residential buildings, office buildings, industrial buildings.

Complement

Universal block

