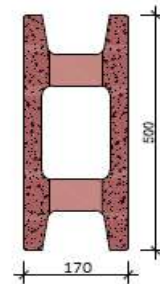


### DMi 17/12

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	170	250
	Concrete core size		mm	120		
	Prierez vnútorného rebra		cm <sup>2</sup>	2 x 30		
	Surface of concrete core in the masonry layer		cm <sup>2</sup> /m	878		
	Surface of concrete core between masonry layers (with mandatory offset of 25 cm)		cm <sup>2</sup> /m	758		
Weight	Weight		kg/pcs	9		
	Weight of wall per m <sup>2</sup> (with concrete filling 2 200 kg/m <sup>3</sup> ) without plaster		kg/m <sup>2</sup>	280		
	Oven-dry density of block		kg/m <sup>3</sup>	810		
Application data	Application rate		ks/m <sup>2</sup>	8		
	Requirement of concrete filling		[liter/block]	11,8		
	Requirement of concrete filling		liter/m <sup>2</sup>	94		
	Estimated requirement of construction steel		kg/m <sup>2</sup>	0,25		
	Standard packaging		pcs/palette	56		
Thermal parameters	Thermal resistance	R	m <sup>2</sup> K/W	0,63		
	Coefficient of heat conductivity (with plaster)	U	W/m <sup>2</sup> K	1,06		
Other parameters	Fire protection class		class	A2-s1, d0		
	Fire resistance (with plaster)		-	REI 180		
	Flexural strenght of the outer layer		N/mm <sup>2</sup>	≥ 0,25		
	Sound reduction index	R <sub>w(c,ct)</sub>	dB	56 (-3, -6), 73 (-3, -6)*		
	Freeze resistance		-	freeze resistant		
	Distortion under moisture		mm/m	NPD		
	Expenditure of work		h/m <sup>2</sup>	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.

\*Higher values of sound reduction relate to double walls with full dilation.

#### Complement

Universal block

