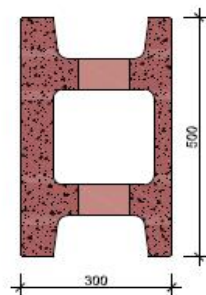


### Durisol - DMi 30/20

Parameters						
Application of product			building system for construction above ground			
Production			Slovakia: Bratislava, Austria: Mautern			
According to norm: EN 15498			length	width	height	
Dimensions	Declared dimension		mm	500	300	250
	Concrete core size		mm	200		
	Minimal area of partition wall cutout		cm <sup>2</sup>	2 x 50		
	Surface of concrete core in the masonry layer		cm <sup>2</sup> /m	1431		
	Surface of concrete core between masonry layers (with mandatory offset of 25 cm)		cm <sup>2</sup> /m	1275		
Weight	Weight		kg/pcs	17		
	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>	458		
	Oven-dry density of block		kg/m <sup>3</sup>	550		
Application data	Application rate		ks/m <sup>2</sup>	8		
	Requirement of concrete filling		[liter/block]	19,2		
	Requirement of concrete filling		liter/m <sup>2</sup>	154		
	Estimated requirement of construction steel		kg/m <sup>2</sup>	0,25		
	Standard packaging		pcs/palette	30		
Thermal parameters	Thermal resistance	R	m <sup>2</sup> K/W	1,18		
	Coefficient of heat conductivity (with plaster)	U	W/m <sup>2</sup> K	0,67		
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>	NPD		
	Sound reduction index	R <sub>w(c,cv)</sub>	dB	61 (-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 non-load-bearing walls. Construction of outer walls of detached houses, semi-detached houses, multiple story residential buildings, office buildings, industrial buildings.

#### Origin of wood in CZE

#### Complement

Universal block

