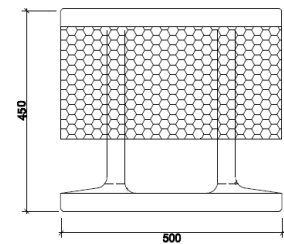


Durisol - DSs 45/12

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	450	250	
	Concrete core size	mm	120			
	Minimal area of partition wall cutout	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	15			
	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	550			
Application data	Application rate	ks/m ²	8			
	Requirement of concrete filling	[liter/block]	11,8			
	Requirement of concrete filling	liter/m ²	97			
	Estimated requirement of construction steel	kg/m ²	0,25			
	Standard packaging	pcs/palette	30/20			
Thermal parameters	Thermal resistance	R	m ² k/W	6,9		
	Coefficient of heat conductivity (with plaster)	U	W/m ² K	0,14		
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 _{cut})	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.

Thermal insulation Expanded polystyrene

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.

Origin of wood in CZE

Complement

Universal block

