



1488

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89220 Zduńska Wola, Polska

08

1488-CPD-0113/Z

ETA 07/0117

ETAG 009

Euroclass E according to EN 13501-1,  
Protection against noise "no performance determined",

The nominal values of thermal resistance R of the shuttering elements in end use conditions (with concrete but without rendering see the Tables in ETA 07/0117

Type of shuttering element	Material	Thickness of the concrete core is 150 mm					
		Exterior thermal insulation thickness is 50 mm		Exterior thermal insulation thickness is 150 mm		Exterior thermal insulation thickness is 250 mm	
		R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]	R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]	R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]
MC	Styrofoam	2.77	0.0901	5.84	0.0600	8.56	0.0526
	Neopor	3.02	0.0827	6.37	0.0549	9.34	0.0482
MCFU	Styrofoam	2.70	0.0926	--	--	--	--
	Neopor	2.94	0.0851	--	--	--	--
MCF	Styrofoam	2.68	0.0933	5.45	0.0642	--	--
	Neopor	2.91	0.0859	5.92	0.0592	--	--
MCFU-St	Styrofoam	2.68	0.0933	5.44	0.0643	--	--
	Neopor	2.91	0.0859	5.91	0.0592	--	--

Type of shuttering element	Material	Thickness of the concrete core is 200 mm					
		Exterior thermal insulation thickness is 50 mm		Exterior thermal insulation thickness is 150 mm		Exterior thermal insulation thickness is 250 mm	
		R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]	R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]	R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]
MCFU	Styrofoam	2.75	0.109	--	--	7.93	0.0630
	Neopor	2.99	0.100	--	--	8.62	0.0580

Type of shuttering element	Material	Thickness of the concrete core is 400 mm					
		Exterior thermal insulation thickness is 50 mm		Exterior thermal insulation thickness is 150 mm		Exterior thermal insulation thickness is 250 mm	
		R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]	R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]	R [m <sup>2</sup> ·K/W]	λ <sub>eq</sub> [W/m <sup>2</sup> ·K]
MCF	Styrofoam	2.85	0.175	--	--	--	--
	Neopor	3.08	0.162	--	--	--	--
MCFU-St	Styrofoam	2.85	0.176	--	--	--	--
	Neopor	3.08	0.162	--	--	--	--