

Sound resistance of Izodom walls

	Wall finishing method		Single number ratings of appropriate sound resistance [dB]		
	External finishing	Internal finishing	R _w (C;C _{tr})	R _{A1}	R _{A2}
MC 25	Thin layer of mineral finishing with mesh (Rendering)	Gypsum cardboard 12,5 mm	43 (-2,-4)	41	39
MC 25	Thin layer of mineral finishing with mesh (Rendering)	Double gypsum cardboard 2x12,5 mm	47 (-0,-3)	47	44
MC 25	Thin layer of mineral finishing with mesh (Rendering)	Gypsum cardboard 12,5 mm installed on wooden frame 50mm thickness with mineral wool between	56 (-2,-8)	54	48
MC 35	Thin layer of mineral finishing with mesh (Rendering)	Gypsum cardboard 12,5 mm	45 (-2,-5)	43	40
MC 45	Thin layer of mineral finishing with mesh (Rendering)	Gypsum cardboard 12,5 mm	43 (-3,-5)	40	38
MCF/MCFU 25	Thin layer of mineral finishing with mesh (Rendering)	Gypsum cardboard 12,5 mm	46 (-1,-4)	45	42
MCF/MCFU 25	Thin layer of mineral finishing with mesh (Rendering)	Double gypsum cardboard 12,5 mm	50 (-3,-7)	47	43
MCFU 2/25	Gypsum cardboard	Gypsum cardboard 12,5 mm installed on wooden frame with mineral wool (50 mm thickness) in between	55 (-1,-5)	54	50
MCFU 2/25	2 x gypsum cardboard 2x12,5 mm	2 x gypsum cardboard 2x12,5 mm installed on wooden frame with mineral wool (50mm thickness) in between	56 (-2,-7)	54	49
MCFU 2/30	-	2x gypsum cardboard 12,5 mm installed on wooden frame with mineral wool (50 mm thickness) and air void (30 mm thickness) in between	59 (-1,-5)	58	54

Domy energooszczędne i pasywne