

# dB PLANK Testing Results

6" Concrete					
2.5mm thickness /1mm dB pad		2.5mm thickness/1.5mm dB pad		3mm thickness /1.5mm dB pad	
STC	IIC	STC	IIC	STC	IIC
53	51	53	53	53	54

Wood Frame - 1" firm fill 2010 + Gypcrete / 18" blow in insulation / RC Delux					
2.5mm thickness /1mm dB pad		2.5mm thickness /1.5mm dB pad		3mm thickness /1.5mm dB pad	
STC	IIC	STC	IIC	STC	IIC
-	-	-	-	62	54

Wood Frame - 3/4" firm fill 2010 + Gypcrete / R11 insulation / RC Delux								
2.5mm thickness /1mm dB pad			2.5mm thickness /1.5mm dB pad			3mm thickness /1.5mm dB pad		
STC	IIC	HIIC	STC	IIC	HIIC	STC	IIC	HIIC
-	-	-	-	-	-	60	57	-

Wood Frame - OSB / R19 insulation / Super Stud								
2.5mm thickness /1mm dB pad			2.5mm thickness /1.5mm dB pad			3mm thickness /1.5mm dB pad		
STC	IIC	HIIC	STC	IIC	HIIC	STC	IIC	HIIC
57	53	-	58	55	-	-	-	-

Wood Frame - 1" USG Levelrock Brand 2500 / 18" blow in insulation / RC-1 Pro								
2.5mm thickness /1mm dB pad			2.5mm thickness /1.5mm dB pad			3mm thickness /1.5mm dB pad		
STC	IIC	HIIC	STC	IIC	HIIC	STC	IIC	HIIC
59	48	-	59	49	67	60	48	64

Wood Frame - 1" USG Levelrock Brand 2500 / 18" blow in insulation / RC-1 Delux								
2.5mm thickness /1mm dB pad			2.5mm thickness /1.5mm dB pad			3mm thickness /1.5mm dB pad		
STC	IIC	HIIC	STC	IIC	HIIC	STC	IIC	HIIC
61	53	62	61	54	70	61	54	69

Wood Frame - 3/4" USG Levelrock Brand 2500 / R11 insulation / RC-1 Pro								
2.5mm thickness /1mm dB pad			2.5mm thickness /1.5mm dB pad			3mm thickness /1.5mm dB pad		
STC	IIC	HIIC	STC	IIC	HIIC	STC	IIC	HIIC
60	51	63	60	51	70	-	-	-