

	WALL CONSTRUCTION	ACOUSTIC RATING	FIRE RATING	GWP Total CO <sub>2</sub> e KG / M <sup>2</sup> *	GWP Fossil CO <sub>2</sub> e KG / M <sup>2</sup> *
	12.5mm Recoma board 70mm Wood Tube studs with Ekolution 12.5mm Recoma board	44 Rw (dB)		-27,9	2,1
	2x 12.5mm Recoma board 70mm Wood Tube studs with Ekolution 2x 12.5mm Recoma boards	52 Rw (dB)		-49,1	3,1
	12.5mm plasterboard 12.5mm Recoma board 70mm Wood Tube studs with Ekolution 12.5mm Recoma board 12.5mm plasterboard	53 Rw (dB)	EI 60	-24,8	6,5
	2x 12.5mm plasterboard 12.5mm Recoma board 70mm Wood Tube studs with Ekolution 12.5mm Recoma board 2x 12.5mm plasterboard	56 Rw (dB)	EI 120	-21,6	10,9
	12mm Recoma 95mm C+ studs 12mm Recoma	44 Rw (dB)		-18,0	4,2
	12mm Recoma 95mm C+ studs with 45mm mineral woc 12 mm Recoma	52 Rw (dB)		-17,5	4,7
	12mm Recoma 95mm C+ studs with 95mm mineral woc 12mm Recoma	54 Rw (dB)		-17,1	5,2
	13mm plasterboard 12mm Recoma 95mm C+ studs with 95mm mineral woc 12mm Recoma 13mm plasterboard	59 Rw (dB)		-13,9	9,6
	12.5mm Recoma 70mm MR steel stud + Rockwool insulati 12.5mm Recoma	52 Rw (dB)		-13,7	5,2
	12.5mm plasterboard 12.5mm Recoma 70mm MR steel stud + Rockwool insulati 12.5mm Recoma 12.5mm plasterboard	58 Rw (dB)	EI 90	-10,5	9,6
	12.5mm Recoma 95mm MR steel stud + Rockwool insulati 12.5mm Recoma	56 Rw (dB)		-13,7	5,2
	12.5mm plasterboard 12.5mm Recoma 95mm MR steel stud + Rockwool insulati 12.5mm Recoma 12.5mm plasterboard	60 Rw (dB)	EI 90	-10,5	9,6
	12.5mm Recoma 70mm wood stud + Hunton Nativo 12.5mm Recoma	48 Rw (dB)		-30,6	2,2
	12.5mm plasterboard 12.5mm Recoma 70mm wood stud + Hunton Nativo 12.5mm Recoma 12.5mm plasterboard	49 Rw (dB)	EI60	-27,4	6,6
	12.5mm Recoma 95mm wood stud + Hunton Nativo 12.5mm Recoma	48 Rw (dB)		-30,6	2,2
	12.5mm Plasterboard 12.5mm Recoma 95mm wood stud + Hunton Nativo 12.5mm Recoma 12.5mm Plasterboard	51 Rw (dB)	EI60	-27,4	6,6
	12.5mm Recoma 70mm metal stud + Hunton Nativo 12.5mm Recoma	51 Rw (dB)		-22,6	5,2
	12.5mm plasterboard 12.5mm Recoma 70mm metal stud + Hunton Nativo 12.5mm Recoma 12.5mm plasterboard	57 Rw (dB)	EI60	-19,4	9,6
	12.5mm Recoma 95mm metal stud + Hunton Nativo 12.5mm Recoma	54 Rw (dB)		-22,6	5,2
	12.5mm Plasterboard 12.5mm Recoma 95mm metal stud + Hunton Nativo 12.5mm Recoma 12.5mm Plasterboard	57 Rw (dB)	EI60	-19,4	9,6
	12mm Recoma 70mm Metal stud + 45mm Hunton Nat 12mm Recoma	50 Rw (dB)		-22,6	5,2
	12mm Plasterboard 12mm Recoma 70mm metal stud + 45mm Hunton Nat 12mm Recoma 12mm Plasterboard	57 Rw (dB)	EI60	-19,4	9,6
	12.5mm Recoma 70mm Wood stud + Rockwool 12.5mm Recoma	Coming soon			
	12.5mm plasterboard 12.5mm Recoma 70mm Wood Stud + Rockwool 12.5mm Recoma 12.5mm plasterboard	Coming soon	Coming soon		
	12.5mm Recoma 95mm Wood stud + Rockwool 12.5mm Recoma	Coming soon			
	12.5mm Plasterboard 12.5mm Recoma 95mm Wood stud + Rockwool 12.5mm Recoma 12.5mm Plasterboard	Coming soon	Coming soon		

Field tests by Soundcon - Project Report 20544		Wall Construction	Acoustic Rating	Fire Rating
	12,5mm Plasterboard	2x 95mm C+ metal stud	64 Rw (dB)	
	12,5mm Recoma			
	12,5mm Plasterboard			
	12,5mm Plasterboard	2x 70mm C+ metal stud	60 Rw (dB)	EI30
	12,5mm Recoma			
	12,5mm Plasterboard			
	12,5mm Plasterboard	95mm C+ metal stud	52 Rw (dB)	
	12,5mm Recoma			
	12,5mm Plasterboard			
Field test by BoElit				
	12,5mm Recoma	95mm C+ metal stud	44 Rw (dB)	
	12,5mm Recoma			
	12,5mm Recoma			
Sound Reduction Index - RECOMA				
		12,5mm Plasterboard	33 Rw (dB)	
		12mm Recoma		
		70mm MR steel stud (no insulation)		
		12mm Recoma	40 Rw (dB)	
		70mm MR steel stud (no insulation)		
		12mm Recoma		
	12,5mm Plasterboard	70mm MR steel stud (no insulation)	50 Rw (dB)	
	12mm Recoma			
	12mm Recoma			
	12,5mm Plasterboard			