Dwelling Type:	
Private Residential Maisonette	

Site Name:	69 Highgate High Street
Site Reference No:	006528-160617-11-1132
Report Ref No:	Design Assessment Rev -
Assessor Name:	Anna Fleiming
Assessor Certification Number:	STRO006528
Issue Date:	20/05/2016



Whilst every care is taken in preparing this tool, Stroma Certification cannot accept responsibility for any inaccuracies or for consequential loss incurred as a result of such inaccuracies arising through the use of the tool.

Element Present	8
. "	Points
Credits	Required
2	6.00
3	9.00
4	12.00
6	19.00

	<u> </u>	als - Basic Building Elements							
F1	Material Types		Total Volume / Percentage or Volume of Materials compliant					% of assessed	Points
Element		materiai i ypes	Total Percentage	Tier 1 (3 points)	Tier 2 (2 points)	Tier 3 (1.5 points)	Tier 4 (1 point)	compliant with Tiers 1- 4 (min. 80%)	scored
Frame		Volume ▼							
Present 🔻	Material 1	Structural Steelwork	22.00		22.00			200.00	
	Material 2								
	Material 3								0.00
	Material 4								2.00
	Material 5								
	Material 6								
	Tot	al % of element (relevant materials) assessed	100.00	Т	otal volume of el	ement present:	22.00		
Ground Floor		Volume			1	1			
Present <u></u>	Material 1	200mm Reinforced Concrete Slab	19.00		19.00			200.00	
	Material 2	350mm Reinforced Concrete Slab	51.00		51.00				
	Material 3								2.00
	Material 4								
	Material 5 Material 6			-					
		al % of element (relevant materials) assessed	100.00				70.00		
Upper Floors	100	Volume	100.00	<u> </u>			70.00		
Present 🔻	Material 1	Plywood, 18mm; fixing to timber joists	74.00	74.00				200.00	
· ·	Material 2	Concrete 160mm slab	74.00	74.00	74.00			200.00	
	Material 3	Reinforced Concrete Suspended Slab, 200mm	58.00		58.00				
	Material 4								2.45
	Material 5								
	Material 6								
		al % of element (relevant materials) assessed	100.00				206.00		
Roof		Volume ▼							
Present	Material 1	Plywood Boarding, 18mm	66.00	66.00				215.42	
	Material 2	Bauder waterproofing membrane, 6mm fleece	66.00		66.00				
	Material 3	Sedum Blanket, 28mm	28.00	28.00					2.82
	Material 4	Glazing	17.00		17.00				2.02
	Material 5	Insulation Board, varying thickness							
	matoriai o	modulation Dodi a, varying thiolinood	63.00	63.00					
	Material 6			63.00					
	Material 6	al % of element (relevant materials) assessed	63.00 86.64	63.00			277.00		
External Walls	Material 6 Tot	al % of element (relevant materials) assessed Volume	86.64				277.00		
External Walls Present	Material 6 Tot Material 1	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards	160.00	160.00			277.00	223.39	
	Material 6 Tot Material 1 Material 2	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm	160.00 212.00	160.00 212.00			277.00	223.39	
	Material 6 Tot Material 1 Material 2 Material 3	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper	160.00 212.00 288.00	160.00 212.00 288.00			277.00	223.39	3.00
	Material 6 Tot Material 1 Material 2 Material 3 Material 4	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard	160.00 212.00 288.00 240.00	160.00 212.00	257.00		277.00	223.39	3.00
	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm	160.00 212.00 288.00 240.00 267.00	160.00 212.00 288.00 237.00	257.00		277.00	223.39	3.00
	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm	86.64 160.00 212.00 288.00 240.00 267.00 274.00	160.00 212.00 288.00	257.00			223.39	3.00
Present T	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed	160.00 212.00 288.00 240.00 267.00	160.00 212.00 288.00 237.00	257.00		277.00	223.39	3.00
	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume	160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00					3.00
Present Internal Walls	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed	86.64 160.00 212.00 288.00 240.00 267.00 274.00	160.00 212.00 288.00 237.00	257.00			223.39	3.00
Present Internal Walls	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud	160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00					
Present Internal Walls	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 1 Material 2	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00 274.00					3.00
Present Internal Walls	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 1 Material 2 Material 3	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00 274.00					
Present Internal Walls	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 2 Material 3 Material 3 Material 3	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00 274.00					
Present Internal Walls	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00 274.00					
Present Internal Walls	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00 274.00			1791.00		
Present Internal Walls Present V	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46	160.00 212.00 288.00 237.00 274.00			1791.00		
Internal Walls Present Foundations / Substructure	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 5 Material 1 Material 2	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46 228.00 456.00	160.00 212.00 288.00 237.00 274.00	228.00		1791.00	200.00	
Internal Walls Present Foundations / Substructure	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 2 Material 3 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 1	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Volume 15mm Soundbloc Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume volume	86.64 160.00 212.00 288.00 240.00 267.00 274.00 80.46 228.00 456.00	160.00 212.00 288.00 237.00 274.00	228.00		1791.00	200.00	
Internal Walls Present Foundations / Substructure	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 3 Material 5 Material 3 Material 4 Material 5 Material 1 Material 2 Material 3 Material 3 Material 1 Material 3 Material 3 Material 4	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall	86.64 160.00 212.00 288.00 240.00 257.00 274.00 80.46 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	228.00 20.00 20.00 44.00		1791.00	200.00	2.94
Internal Walls Present Foundations / Substructure	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 3 Material 4 Material 5 Material 6 Tot Material 5 Material 6 Tot Material 1 Material 2 Material 1 Material 2 Material 3 Material 4 Material 5 Material 1 Material 2 Material 3 Material 3 Material 3 Material 3 Material 3	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall	86.64 160.00 212.00 288.00 240.00 257.00 274.00 80.46 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	228.00 20.00 20.00 44.00		1791.00	200.00	2.94
Internal Walls Present Foundations / Substructure	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 5 Material 6 Tot Material 1 Material 5 Material 1 Material 2 Material 1 Material 2 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume We Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume Wolume Wolume Wolume 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall	212.00 288.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00	160.00 212.00 288.00 237.00 274.00	228.00 20.00 20.00 44.00		912.00	200.00	2.94
Internal Walls Present Foundations / Substructure Present Fresent	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 5 Material 6 Tot Material 1 Material 5 Material 1 Material 2 Material 1 Material 2 Material 3 Material 4 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume Tolume Tol	86.64 160.00 212.00 288.00 240.00 257.00 274.00 80.46 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	228.00 20.00 20.00 44.00		1791.00	200.00	2.94
Present Internal Walls Present Foundations / Substructure Present Staircase	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 3 Material 6 Tot Material 1 Material 5 Material 6 Tot Material 5 Material 1 Material 2 Material 5 Material 6 Tot Material 1 Material 1 Material 2 Material 3 Material 1 Material 3 Material 3 Material 3 Material 3 Material 4 Material 5 Material 6 Tot	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume 7 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall	212.00 288.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	228.00 20.00 44.00 12.00		912.00	200.00	2.94
Internal Walls Present Foundations / Substructure Present Fresent	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 3 Material 6 Tot Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 5 Material 1 Material 2 Material 6 Tot Material 1 Material 3 Material 1 Material 3 Material 6 Tot Material 3 Material 6 Tot Material 3 Material 6 Tot Material 1 Material 5 Material 1 Material 5 Material 1 Material 1 Material 1	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall al % of element (relevant materials) assessed Volume	28.00 240.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	20.00 44.00 12.00		912.00	200.00	2.94
Present Internal Walls Present Foundations / Substructure Present Staircase	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 1 Material 2 Material 3 Material 1 Material 3 Material 3 Material 3 Material 4 Material 5 Material 5 Material 4 Material 5 Material 1 Material 2	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume 7 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall	212.00 288.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	228.00 20.00 44.00 12.00		912.00	200.00	2.94
Present Internal Walls Present Foundations / Substructure Present Staircase	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 3 Material 4 Material 5 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 1 Material 2 Material 3 Material 1 Material 3 Material 1 Material 3 Material 4 Material 3 Material 4 Material 5 Material 4 Material 5 Material 3 Material 4 Material 3 Material 1 Material 1 Material 1 Material 1	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall al % of element (relevant materials) assessed Volume	28.00 240.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	20.00 44.00 12.00		912.00	200.00	2.94
Present Internal Walls Present Foundations / Substructure Present Staircase	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 3 Material 2 Material 3 Material 3 Material 4 Material 5 Material 5 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 3 Material 4 Material 5 Material 4 Material 5 Material 4 Material 5 Material 3 Material 4 Material 3 Material 1 Material 1 Material 2 Material 3 Material 3 Material 3	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall al % of element (relevant materials) assessed Volume	28.00 240.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	20.00 44.00 12.00		912.00	200.00	2.94
Present Internal Walls Present Foundations / Substructure Present Staircase	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 6 Tot Material 3 Material 4 Material 5 Material 1 Material 2 Material 3 Material 6 Tot Material 3 Material 4 Material 5 Material 4 Material 5 Material 5 Material 6 Tot Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 3 Material 4 Material 5 Material 1 Material 5	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall al % of element (relevant materials) assessed Volume	28.00 240.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	20.00 44.00 12.00		912.00	200.00	2.94
Present Internal Walls Present Foundations / Substructure Present Staircase	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 1 Material 2 Material 3 Material 3 Material 4 Material 5 Material 5 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 6 Tot Material 1 Material 5 Material 3 Material 4 Material 5 Material 5 Material 5 Material 5 Material 6 Tot Material 1 Material 1 Material 2 Material 3 Material 4 Material 5 Material 5 Material 1 Material 5 Material 1 Material 2 Material 3 Material 3 Material 1 Material 5 Material 3 Material 3 Material 4 Material 5 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Wetal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume ### 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall al % of element (relevant materials) assessed Volume ### Reinforced Concrete Wall	160.00 212.00 288.00 240.00 257.00 274.00 80.46 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	20.00 44.00 12.00		912.00 76.00	200.00	2.94
Internal Walls Present Foundations / Substructure Present Staircase	Material 6 Tot Material 1 Material 2 Material 3 Material 4 Material 5 Material 1 Material 2 Material 3 Material 3 Material 4 Material 5 Material 5 Material 5 Material 6 Tot Material 1 Material 2 Material 3 Material 6 Tot Material 1 Material 5 Material 3 Material 4 Material 5 Material 5 Material 5 Material 5 Material 6 Tot Material 1 Material 1 Material 2 Material 3 Material 4 Material 5 Material 5 Material 1 Material 5 Material 1 Material 2 Material 3 Material 3 Material 1 Material 5 Material 3 Material 3 Material 4 Material 5 Material 5 Material 6	al % of element (relevant materials) assessed Volume Timber Cladding; 75 x20mm Boards Kingspan 'Kooltherm' Insulation, 50mm Tyvek Building Paper 2 layers 15mm Plasterboard Cement Particle Board, 12mm Mineral Wool Board, 150mm al % of element (relevant materials) assessed Volume Metal Stud Walls, 48mm Gypframe 'C' Stud 25mm Isover Acoustic Partition Roll Insulation 15mm Soundbloc Pasterboard al % of element (relevant materials) assessed Volume 225mm Reinforced Concrete Retaining Wall 250mm Reinforced Concrete Retaining Wall 160mm Reinforced Concrete Wall al % of element (relevant materials) assessed Volume	28.00 240.00 240.00 267.00 274.00 80.46 228.00 228.00 456.00 100.00	160.00 212.00 288.00 237.00 274.00	20.00 44.00 12.00		1791.00 912.00 76.00	200.00	2.94