

## APPENDIX C: Bill of Materials

	Element	Material Quantity (kg)	Recycled Content	Source of information
Structure (substructure)	Concrete	5,736,393	Min 20%	Whole Life Carbon model / Cost Plan  Recycled content aspirations have been based on design discussions and initial material specifications
	Steel (rebar)	691,020	97%	
	Screed	4,000	TBC	
	Membrane	6,000	TBC	
Structure (superstructure)	Concrete	2,576,000	Min 20%	
	Steel (structural)	174,000	Min 20%	
	Steel (rebar)	217,000	97%	
	Plasterboard	125,210	Min 90%	
Structure (upper floors)	Concrete	2,214,716	Min 20%	
	Cross Laminated Timber	1,262,242	TBC	
	Steel	876,942	20-97%	
	Flooring screed	1,451,382	TBC	
	Insulation	51,078	Min 90%	
	Stone (terrace finish)	11,000	TBC	
	Asphalt (roof subbase)	178,000	TBC	
External walls and Façade	Brick	648,000	Min 50%	
	Concrete (insulated wall façade)	622,000	Min 20%	
	Insulation	119,922	Min 90%	
	Glass	81,000	Min 20%	
	Steel sections	17,000	Min 20%	
Stairs and ramps	Concrete	34,000	Min 20%	
Internal walls and partitions	Lightweight Blockwork	322,000	Min 50%	
	Plasterboard	125,000	Min 90%	
Internal doors	Metal	34,000	Min 20%	
	Glass	4,000	Min 20%	
Finishes and coverings	Tiles	29,000	TBC	
	Paint	31,000	TBC	
	Raised Access flooring	46,000	TBC	
	Carpet	3,000	35%	