

# The Green Guide Calculator

## Available Components List (Grouped)

For step by step instructions on how to use the tool please see the separate guidance document available from [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk).

**NOTE:** For an Element Specification to comply with the regulations set out in the BREEAM/EcoHomes/Code for Sustainable Homes, a generic type of insulation must be assumed. The components which contain this insulation material are marked with a \* character at the end of the description.

# The Green Guide Calculator Components List (Grouped)

Group      Component Description

## Airspace

Cavity

## Battens/Joists

Chipboard (P5), timber joists, insulation, DPM \*

CT2, Timber battens, counterbattens

CT4, Timber battens, metal resilient bars

Joists, cold rolled steel, galvanised

Preserved timber joists, firrings, for flat roofing (70 yrs)

Preserved timber joists, firrings, for flat roofing (80 yrs)

Proprietary foil faced glass wool acoustic batt (E-WM-17)

Timber battens, 38x38mm, 450mm c/c (35 yrs)

Timber battens, 38x38mm, 450mm c/c (80 yrs)

Timber battens, 50x38mm, 450mm c/c (30 yrs)

Timber battens, 50x38mm, 450mm c/c (35 yrs)

Timber battens, 50x38mm, 450mm c/c (45 yrs)

Timber battens, 50x38mm, 450mm c/c (50 yrs)

Timber battens, 50x38mm, 450mm c/c (70 yrs)

Timber I joist, 240mm min

Timber I joists

Timber joists, C16, 40mm c/c

Timber joists, C24, 400mm c/c

Timber joists, solid, E-FT-2

## Blockwork

Beam and cellular dense block flooring

Blockwork, aircrete, external leaf, 100mm, cement lime mortar

Blockwork, aircrete, external leaf, 100mm, cement mortar

Blockwork, aircrete, external leaf, 100mm, thin joint mortar

Blockwork, aircrete, external leaf, 140mm, cement mortar

Blockwork, aircrete, external leaf, 140mm, thin joint mortar

Blockwork, aircrete, external leaf, 215mm, cement mortar

Blockwork, aircrete, internal leaf, 100mm, cement lime mortar

Blockwork, aircrete, internal leaf, 100mm, cement mortar

Blockwork, aircrete, internal leaf, 100mm, cement mortar, 750kg/m<sup>3</sup> min.

Blockwork, aircrete, internal leaf, 100mm, thin joint mortar

Blockwork, aircrete, internal leaf, 100mm, thin joint mortar, 750kg/m<sup>3</sup> min.

Blockwork, cellular dense

Blockwork, cellular dense, internal leaf, 100mm, cement lime mortar

Blockwork, cellular dense, internal leaf, 100mm, cement mortar

Blockwork, dense solid, external leaf, 100mm, cement lime mortar

Blockwork, dense solid, external leaf, 100mm, cement mortar

Blockwork, dense solid, internal leaf, 100mm, cement lime mortar

Group	Component Description
	Blockwork, dense solid, internal leaf, 100mm, cement mortar
	Blockwork, dense solid, internal leaf, 140mm, cement mortar
	Blockwork, dense solid, internal leaf, 210mm, cement lime mortar
	Blockwork, dense solid, internal leaf, 210mm, cement mortar
	Blockwork, dense solid, internal leaf, 215mm, cement mortar
	Blockwork, fairfaced solid, external leaf, 100mm, cement lime mortar
	Blockwork, fairfaced solid, external leaf, 100mm, cement mortar
	Blockwork, fairfaced solid, internal leaf, 100mm, cement lime mortar
	Blockwork, fairfaced solid, internal leaf, 100mm, cement mortar
	Blockwork, for separating walls, 100mm, cement mortar
	Blockwork, glass, 100mm
	Blockwork, glass, 50mm
	Blockwork, HANSON THERMALITE aircrete, internal leaf, 100mm, cement mortar
	Blockwork, HANSON THERMALITE aircrete, internal leaf, 100mm, cement mortar
	Blockwork, HANSON THERMALITE aircrete, internal leaf, 215mm, cement mortar
	Blockwork, HANSON THERMALITE HI-STRENGTH 10, internal leaf, 100mm, cement mortar
	Blockwork, HANSON THERMALITE HI-STRENGTH 7, internal leaf, 100mm, cement mortar
	Blockwork, HANSON THERMALITE HI-STRENGTH SMOOTHFACE, internal leaf, 100mm cement mortar
	Blockwork, HANSON THERMALITE TURBO, internal leaf, 100mm, cement mortar
	Blockwork, lightweight, external leaf, 100mm, cement lime mortar
	Blockwork, lightweight, external leaf, 100mm, cement mortar
	Blockwork, lightweight, external leaf, 140mm, cement lime mortar
	Blockwork, lightweight, external leaf, 140mm, cement mortar
	Blockwork, lightweight, external leaf, 215mm, cement mortar
	Blockwork, lightweight, internal leaf, 100mm, cement mortar
	Blockwork, LIGNACITE FIBO ENVIRO BLOCK, external leaf, cement mortar
	Blockwork, LIGNACITE FIBO ENVIRO BLOCK, internal leaf, cement mortar
	Blockwork, LIGNACITE ORIGINAL FACING MASONRY, external leaf, cement mortar
	Blockwork, LIGNACITE ORIGINAL FACING MASONRY, internal leaf, cement mortar
	Blockwork, LIGNACITE PREMIER FACING MASONRY, external leaf, cement mortar
	Blockwork, LIGNACITE PREMIER FACING MASONRY, internal leaf, cement mortar
	Blockwork, medium dense solid, external leaf, 100mm cement lime mortar
	Blockwork, medium dense solid, external leaf, 100mm, cement mortar
	Blockwork, medium dense solid, external leaf, 140mm, cement lime mortar
	Blockwork, medium dense solid, external leaf, 140mm, cement mortar
	Blockwork, medium dense solid, external leaf, 215mm, cement mortar
	Blockwork, medium dense solid, internal leaf, 100mm, cement lime mortar
	Blockwork, medium dense solid, internal leaf, 100mm, cement mortar
	Blockwork, medium dense solid, internal leaf, 140mm, cement lime mortar
	Blockwork, medium dense solid, internal leaf, 140mm, cement mortar
	Blockwork, proprietary, lightweight, internal leaf, 100mm
	Blockwork, sheild, internal leaf, 100mm, cement mortar
	Blockwork, smoothface, internal leaf, 100mm, cement mortar

Group	Component Description
	Blockwork, super lightweight solid, external leaf, 100mm, cement lime mortar
	Blockwork, super lightweight solid, external leaf, 100mm, cement mortar
	Blockwork, super lightweight solid, internal leaf, cement lime mortar
	Blockwork, super lightweight solid, internal leaf, cement mortar
	BRADSTONE ENVIROMASONRY Fairfaced Block, cement mortar external
	BRADSTONE ENVIROMASONRY Fairfaced Block, cement mortar internal
	BRADSTONE ENVIROMASONRY Polished Block, cement mortar external
	BRADSTONE ENVIROMASONRY Polished Block, cement mortar internal
	BRADSTONE ENVIROMASONRY Textured & Split Block, cement mortar external
	BRADSTONE ENVIROMASONRY Textured & Split Block, cement mortar internal
<b>Brickwork</b>	
	Brickwork, external leaf, 102.5mm, cement lime mortar
	Brickwork, external leaf, 102.5mm, cement mortar
	Brickwork, internal leaf, 102.5mm, cement lime mortar
	Brickwork, internal leaf, 102.5mm, cement mortar
	Brickwork, internal leaf, 215mm, cement mortar
	Brickwork, reclaimed, external leaf, 102.5mm, cement mortar
	Brickwork, reclaimed, internal leaf, cement lime mortar
<b>Cladding</b>	
	ALTRO WHITEROCK Internal wall cladding, plasterboard, acrylic adhesive
	ALTRO WHITEROCK Internal wall cladding, PU adhesive
	Angle seamed VM ZINC QUARTZ ZINC overlapping wall panels
	Angle seamed VM ZINC QUARTZ ZINC PLUS cladding, temperate plywood 636-2 sheathing
	Calcium silicate board, 10mm
	Cladding, 15mm extruded ceramic, aluminium rails, for KINGSPAN KS1000 AWP
	Cladding, angle seamed copper, temperate plywood (636-2) sheathing
	Cladding, autoclaved fibre cement sheet, anodised aluminium inserts
	Cladding, autoclaved fibre cement sheet, steel rails
	Cladding, autoclaved fibre cement sheet, timber battens, counter battens
	Cladding, concrete interlocking tiles, battens, building paper
	Cladding, copper 1.5mm, steel supports
	Cladding, copper outer, steel inner, insulation, steel supports *
	Cladding, copper outer, steel inner, stone wool insulation, steel supports
	Cladding, copper, 1mm, steel fixing rails
	Cladding, fibre cement sheet, aluminium framework
	Cladding, limestone handset
	Cladding, limestone precast
	Cladding, MEDITE ECOLOGIQUE MDF, battens, water based stain
	Cladding, MEDITE EXTERIOR MDF, battens, water based stain
	Cladding, plain clay tile, battens, building paper
	Cladding, precast concrete, loadbearing
	Cladding, precast concrete, non-loadbearing
	Cladding, terracotta, aluminium framework

Group	Component Description
	Cladding, timber, canadian western red cedar
	Cladding, UK slate, stainless steel support
	DUPONT CORIAN SHEET cladding, aluminium support
	Extruded aluminium cladding rail system
	Glass reinforced concrete panel, 23mm, stainless steel fixings
	Glass reinforced plastic (GRP) cladding, aluminium support
	Granite for precast cladding
	Limestone split stone, 75mm
	MARLEY ETERNIT CLAY PLAIN TILES ASHDOWN, vertical cladding, battens, building paper
	MARLEY ETERNIT CLAY PLAIN TILES, vertical cladding, battens, building paper
	Profiled roof cladding, coated aluminium weather sheet and liner, mineral wool insulation *
	Rainscreen cladding, high pressure laminate (HPL) resin impregnated cellulose, timber battens
	Rainscreen cladding, imported granite, stainless steel support
	Rainscreen cladding, imported Italian marble, stainless steel support
	Rainscreen cladding, limestone, stainless steel supports
	Rainscreen cladding, sandstone, stainless steel supports
	Rainscreen panel, Alpollic, PE sheet 3mm, aluminium sheets 2x0.5mm, HD PE breather membrane, steel support
	Sandstone facing
	Sandstone, split faced, 75mm
	UK slates, battens, counter battens
	Weatherboarding, cellular pvc, battens
	Weatherboarding, treated softwood
	Weatherboarding, treated softwood, battens
<b>Curtain Walling Systems</b>	
	Curtain walling, aluminium type 1, frames, fixings
	Curtain walling, aluminium type 2, frames, fixings
	Curtain walling, aluminium type 3, frames, fixings
	Laminated timber curtain walling type 5, mullions 1.5m spacing, 2 transoms, AL clamping strips, AL cover plate, fixings
	Laminated timber curtain walling type 7, mullions 2.4m spacing, 1 transom, AL clamping strips, AL cover plate, fixings
	Polyurethane, glue bonded (30 yrs) *
	Polyurethane, glue bonded (40 yrs) *
<b>Decoration</b>	
	Decoration, one undercoat, 2 coats gloss paint, one surface
	Emulsion paint, 1 face
	Emulsion paint, 2 faces
<b>Finishes</b>	
	Brick finish for precast concrete
	Cement bonded particleboard, 19mm
	Chipboard (P5), 19mm, timber joists
	Chipboard, 19mm
	Chipboard, 19mm, battens

Group	Component Description
	Insulated render system, EPS on glass fibre mesh with mortar adhesion
	Plaster and emulsion paint
	Plaster skim, emulsion paint (70 yrs)
	Plaster skim, emulsion paint (80 yrs)
	Plaster, lightweight, 13mm, emulsion paint
	Plasterboard, 15mm, dabs, emulsion paint
	Plasterboard, 19mm
	Plasterboard, 2 sheets, emulsion paint
	Plasterboard, 21mm, 16 kg/m <sup>2</sup> min.
	Plasterboard, 25mm, emulsion paint
	Plasterboard, 2x19mm, emulsion paint
	Plasterboard, acoustic, 15mm
	Plasterboard, battens, emulsion paint
	Plasterboard, dabs, emulsion paint
	Plasterboard, emulsion paint
	Plasterboard, high density, 15mm
	Polymeric render system, reinforced, pebble dash
	Render, cement lime
	Render, cement, 15mm
	Render, cement, 20mm
	Render, cement, 8mm
	Render, gypsum based internal
	Render, polymer modified cement
	Render, polymeric
	Render, sand/cement, 13mm, plaster skim
	Render, sand/cement, 20mm
<b>Floating floor treatment</b>	
	FFT 1/2/3 OSB
	FFT 1/2/3 Plywood
	FFT 1/2/3/5 chipboard
	FFT 2 resilient cradle, batten, 22 or 18mm chipboard/OSB/plywood, PU foam
	FFT 4 a resilient overlay platform floor system
	FFT 4 b resilient overlay platform floor system
	FFT 4 c resilient overlay platform floor system
	FFT 6 composite platform type floating floor system
	FFT 7 gypsum screed 40mm, PE 500 guage, proprietary board 34mm
	Plasterboard, 2 layers, 19 & 12mm, 150mm metal suspended ceiling, fixings
	Plasterboard, 2 layers, 2x15mm, 100mm metal suspended ceiling, fixings
<b>Floor finishes</b>	
	Reclaimed timber boards
	Reclaimed timber floor boards, insulation *
	Separating floors proprietary floor covering A, 4.5mm recycled rubber crumb
	Separating floors proprietary floor covering B, 3mm recycled rubber crumb

Group	Component Description
	Tongue and groove boards, softwood, 19mm

#### Floor structure

Beam and aircrete block flooring

Beam and dense block flooring

Beam and dense block flooring, screed 50mm min.

Beam and expanded polystyrene flooring

Beam and extruded polystyrene, CO2 blown, block flooring

Beam and extruded polystyrene, HFC blown, block flooring

Beam and medium dense block flooring

Fine aggregate 50mm, plastic membrane 1200g, sand blinding 50mm  
HANSON JETFLOOR SUPER, HANSON T BEAM, VENCEL EPS BLOCK

Lattice beams, steel/timber

Precast concrete formwork, lattice reinforcement, in situ deck, upper floors

Rackham, beam and EPS block floor, 175mm

Rackham, prestressed beam and aircrete block, 175mm

Rackham, prestressed concrete beam and aircrete block, 225mm

Steel floor cassette structure

Steel floor cassette, chipboard, plasterboard

Steel floor cassette, OSB, plasterboard

Steel floor cassette, plywood, plasterboard

Volumetric steel cassette floor and ceiling system, chipboard decking

#### Frame infill

Metal stud infill, 100x50mm (non structural)

Metal stud infill, 150x50mm (non structural)

Timber stud infill, 140x38mm (non structural)

#### Freestanding walls

Fairfaced concrete wall

Fairfaced concrete wall, reinforced

#### In situ concrete

In situ concrete 100% RCA, ground floor slab

In situ concrete 20% RCA, upper floor slab

In situ concrete 30% PFA 100% RCA, ground floor slab

In situ concrete 30% PFA 20% RCA, upper floor slab

In situ concrete 30% PFA, ground bearing slab

In situ concrete 30% PFA, upper floor slab

In situ concrete 50% GGBS 100% RCA, ground floor slab

In situ concrete 50% GGBS 20% RCA, upper floor slab

In situ concrete 50% GGBS, ground floor slab

In situ concrete 50% GGBS, upper floor slab

In situ concrete 50mm 100%RCA, plastic membrane 1200g, sand blinding 50mm

In situ concrete 50mm 30% PFA 100% RCA, plastic membrane 1200g, sand blinding 50mm

In situ concrete 50mm 30% PFA, plastic membrane 1200g, sand blinding 50mm

In situ concrete 50mm 50% GGBS 100% RCA, plastic membrane 1200g, sand blinding 50mm

Group	Component Description
	In situ concrete 50mm 50% GGBS, plastic membrane 1200g, sand blinding 50mm
	In situ concrete 50mm, plastic membrane 1200g, sand blinding 50mm
	In situ concrete slab, 175mm
	In situ concrete slab, reinforced
	In situ concrete, ground floor slab
	In situ concrete, oversite
	In situ concrete, oversite, 100% RCA
	In situ concrete, oversite, 30% PFA
	In situ concrete, oversite, 30% PFA 100% RCA
	In situ concrete, oversite, 50% GGBS
	In situ concrete, oversite, 50% GGBS 100% RCA
	In situ concrete, reinforced
	In situ concrete, reinforced, 50% PFA 20% RCA
	In situ concrete, reinforced, deep profiled metal decking
	In situ concrete, reinforced, post tensioned slab
	In situ concrete, reinforced, ribbed slab
	In situ concrete, reinforced, separating wall, 190mm
	In situ concrete, reinforced, shallow profiled metal decking
	In situ concrete, reinforced, upper floor slab
	In situ concrete, reinforced, waffle slab
	In situ concrete, separating wall, 190mm
<b>Insulation</b>	
	100mm mineral wool quilt
	Glass wool insulation, 50mm, 12.9kg/m <sup>3</sup>
	Glass wool insulation, 60mm, 35kg/m <sup>3</sup>
	Insulation board, XPS CO <sub>2</sub> blown
	Insulation board, XPS HFC blown
	Insulation for beam and aircrete block with decking *
	insulation for beam and aircrete or lightweight block for use with screed above *
	Insulation for beam and lightweight block with deck above *
	Insulation for cold deck roof *
	insulation for concrete ground floor for use with bonded screed above *
	insulation for concrete ground floor for use with bouncing screed above *
	Insulation for concrete ground floor with deck above *
	Insulation for galv.steel warm deck flat roof (35 yrs) *
	Insulation for galv.steel warm deck flat roof (50 yrs) *
	Insulation for hollowcore floor *
	Insulation for inverted concrete or steel roof (35 yrs) *
	Insulation for inverted concrete or steel roof (50 yrs) *
	Insulation for inverted timber roof (35 yrs) *
	Insulation for inverted timber roof (50 yrs) *
	Insulation for light steel frame, 100x50mm *
	Insulation for light steel frame, 100x50mm, aluminium foil *



Group	Component Description
	Insulation for steel pitched roofs between and over joists *
	Insulation for timber ground floor *
	Insulation for timber pitched roofs between and over rafters *
	Insulation for warm beam and dense block roof (35 yrs) *
	Insulation for warm beam and dense block roof (50 yrs) *
	Insulation for warm in situ concrete deck roof (35 yrs) *
	Insulation for warm in situ concrete deck roof (50 yrs) *
	Insulation for warm timber deck roof (35 yrs) *
	Insulation for warm timber deck roof (50 yrs) *
	Insulation with timber frame, 600mm c/c *
	Insulation, cavity walls, partial fill *
	Insulation, EXCEL WARMCELL, dry blown
	Insulation, EXCEL WARMCELL, wet blown
	Insulation, PU pentane blown for SIP roof 0 degrees
	Insulation, PU pentane blown for SIP roof 35 degrees
	Insulation, solid external walls *
	IsoRubber, resilient layer, 6mm
	Mineral wool quilt, 75mm, 45kg/m3
	Mineral wool, 25mm, 80kg/m3
	Phenolic insulation, 100mm
	Polyethylene foam, closed cell, 5mm
	Polyethylene foam, Yelofon HD10+
	Proprietary resilient layer D, Icopal tranquilt 10mm, 95% recycled PU foam, polythene membrane
	Resilient layer, 8mm rubber, 0.2mm waterproof membrane
	Resilient layer, stone wool, 25mm, 140kg/m3
	Resilient layer, stone wool, 50mm, 35kg/m3
	Resilient layer, stone wool, 80mm, 36kg/m3
	Separating floors isolating layer 3, 25mm EPS insulation
	Separating floors isolating layer 4, 25mm XPS insulation (CO2 blown)
	Stone wool insulation, 25mm, 36kg/m3
	Stone wool insulation, 30mm, 33kg/m3
	<b>Laminated sealed glass unit</b>
	Double glazed softwood partition
	Hardwood veneered MDF frame, double glazed
	Laminated sealed glass unit
	Timber partition, softwood, single glazed
	<b>Membrane</b>
	Breather membrane (30 yrs)
	Breather membrane (45 yrs)
	Breather membrane (70 yrs)
	EPDM layer, 0.7mm
	EPDM single ply roofing membrane, flat
	FATRA PVC single ply roofing membrane

Group	Component Description
	FLAGON (EP) TPO 1.2mm geomembrane
	LIQUID PLASTICS carrier membrane, resin bonded chopped fibreglass, bitumen
	LIQUID PLASTICS DELTA 25 COLD FUSION SYSTEM
	LIQUID PLASTICS DELTA 25 INVERTED SYSTEM MAIN DECK AREA
	LIQUID PLASTICS DELTA 25 INVERTED SYSTEM UPSTAND AREA
	Oxidised polyester reinforced bituminous membrane, pitched
	Polyethylene DPM
	Polyethylene membrane (30 yrs)
	Polyethylene membrane (45 yrs)
	Polyethylene membrane (50 yrs)
	Polyethylene membrane (70 yrs)
	Polyethylene membrane (80 yrs)
	Polyethylene membrane, spun bonded (30 yrs)
	Polyethylene membrane, spun bonded (35 yrs)
	Polyethylene membrane, spun bonded (40 yrs), 25mm
	Polyethylene membrane, spun bonded (40 yrs), 50mm
	Polyethylene membrane, spun bonded (50 yrs)
	Polyethylene membrane, spun bonded (60 yrs)
	Polyethylene membrane, spun bonded (70 yrs)
	Polyethylene membrane, spun bonded (70 yrs)
	Polyethylene sheet, 500 gauge (30 yrs)
	Polyethylene sheet, 500 gauge (80 yrs)
	Polymer modified polyester reinforced bituminous membrane, flat
	PVC single ply roofing membrane, flat
	TPO/FPO single ply roofing membrane, flat
	Vapour control membrane, aluminium foil (35 yrs)
	Vapour control membrane, aluminium foil (50 yrs)
	Vapour control membrane, aluminium foil (60 yrs)
	Vapour control membrane, aluminium foil (70 yrs)
	Vapour control membrane, aluminium foil (80 yrs)
<b>Paving</b>	
	Concrete paving slabs, permable membrane (30 yrs)
	Concrete paving slabs, permable membrane (35 yrs)
	Concrete paving slabs, permable membrane (50 yrs)
<b>Precast concrete</b>	
	Precast concrete floor slab, hollow, reinforced
	Precast concrete formwork, lattice reinforcement, in situ deck, polystyrene formers, upper floors
	Precast concrete formwork, lattice reinforcement, in situ deck, roofing
	Precast concrete internal partition, non-loadbearing, 100mm
	Precast concrete internal wal, non-loadbearing, 75mm
	Precast concrete planks, prestressed, screed
	Precast concrete slab, prestressed, hollow, 200mm, 40mm bonded screed, E-FC-1
	Precast concrete slab, reinforced, hollow, 225mm, 40mm bonded screed, E-FC-1

Group	Component Description
	Precast concrete wall panel, 150mm
	Precast concrete, 150mm
	Precast sandwich panel, loadbearing, EPS insulation
	Precast sandwich panel, non-loadbearing, EPS insulation
	Precast slab, prestressed, hollow
<b>Roof covering</b>	
	Angle seamed VM ZINC QUARTZ ZINC PLUS roofing sheet
	Angle seamed VM ZINC QUARTZ ZINC PLUS roofing, temperate plywood 636-2 sheathing, battens
	Asphalt roofing, 20mm, sheathing felt
	Concrete interlocking tiles, battens, counter battens, roofing felt, pitched
	Fibre cement slates, battens, counter battens, roofing felt, pitched
	Glass fibre reinforcing mat
	Photovoltaic roofing tiles, battens, roofing felt, pitched
	Plain clay tiles, battens, counter battens, roofing underlay, pitched
	Plain concrete roof tiles, battens, pitched
	Polymer modified cement slates, battens, counter battens, roofing felt, pitched
	Reclaimed clay tiles, battens, counter battens, roofing felt, pitched
	Reclaimed slates, battens, counter battens, felt, pitched
	Resin bonded slates, battens, counter battens, roofing felt, pitched
	Rounded pebbles, permeable membrane, for inverted deck roofs (35 yrs)
	SANDTOFT BRITLOCK resin bonded slates, battens, roofing felt, pitched
	SANDTOFT BRITSLATE COUNTLESS resin bonded slates, battens, roofing felt, pitched
	SANDTOFT BRITSLATE DUCHESS resin bonded slates, battens, roofing felt, pitched
	UK slates, battens, roofing felt, pitched
	VM ZINC QUARTZ ZINC standing seam roof sheet
<b>Sheeting/decking</b>	
	Chipboard (P5), insulation *
	Chipboard panels, flaxboard core, vinyl finish
	Chipboard, 19mm, housing only
	Chipboard, 19mm, protected
	Chipboard, buried decking
	Decking, galvanised steel, supporting structure for inverted deck roof
	Decking, galvanised steel, supporting structure for warm deck roof
	Decking, OSB, 15mm, battens
	Decking, OSB, 15mm, ground floors
	Decking, OSB, 15mm, insulation *
	Decking, OSB, 15mm, under FFT
	Decking, OSB, 15mm, upper floors
	Decking, OSB, 18mm
	Decking, OSB, 20kg/m2 min.
	Decking, OSB-3, 15mm, timber joists 600mm c/c
	Decking, OSB-3, 18mm, joists 600mm c/c (45 yrs)
	Decking, OSB-3, 18mm, joists 600mm c/c (70 yrs)

Group	Component Description
	Decking, OSB-3, 18mm, joists 600mm c/c (80 yrs)
	Decking, OSB-3, battens, insulation, DPM *
	Decking, Plasterboard, 19mm
	Decking, Plywood, 15mm min. 600kg/m3 min.
	Decking, Plywood, 20kg/m2 min.
	Gypsum fibreboard, 12.5mm
	Plasterboard, 10kg/m2, 25mm mineral wool quilt
	Plasterboard, 10kg/m2, 50mm mineral wool quilt
	Plasterboard, paint, cold roofs only
	Plasterboard, paint, roofs and upper floors
	Plywood (636-1), 18mm
	Plywood (636-1), 18mm, battens
	Plywood (636-2) (70 yrs)
	Plywood (636-2) (80 yrs)
	Plywood (636-2), 18mm, timber joists
	Plywood (636-2), battens, insulation, DPM *
	Plywood (636-2), insulation *
	Plywood, 12mm
	Plywood, Internal, 18mm
	Plywood, softwood, sheathing, 9mm
	Sheathing for timber frame, OSB-3, 9mm
	Sheathing, cement bonded particleboard, 12.5mm
	Sheathing, OSB, 12.5mm
	Sheathing, OSB-3, 9mm
	UPM KYMMENE Internal SPRUCEFLOOR plywood, 18mm, battens
	UPM KYMMENE SPRUCEFLOOR plywood, softwood 636-1, 18mm, battens
	UPM KYMMENE SPRUCEFLOOR plywood, temperate 636-2, 18mm, timber joists
	UPM KYMMENE SPRUCEFLOOR plywood, temperate 636-2, battens, insulation, VCL *
	UPM KYMMENE SPRUCEFLOOR plywood, temperate 636-2, insulation *
	UPM KYMMENE WISA-SPRUCE External plywood, temperate 636-2, 70 yrs
	UPM KYMMENE WISA-SPRUCE External plywood, temperate 636-2, 80 yrs
SIP	
	CORUS KALZIP 400/65 0.9mm Colour Coated profiled aluminium top sheet, 0.7mm coated steel KALZIP liner, E or L clips, purlins, KALZIP insulation plus 40/37/35/32
	CORUS KALZIP 400/65 0.9mm Stucco Embossed profiled aluminium top sheet, 0.7mm coated steel KALZIP liner, E or L clips, purlins, KALZIP insulation plus 40/37/35/32
	CORUS KALZIP 400/65 0.9mm Stucco Embossed profiled aluminium top sheet, 0.9mm coated steel KALZIP liner, E or L clips, purlins, KALZIP insulation plus 40/37/35/32
	KINGSPAN TEK structural insulated roof panel
	KINGSPAN TEK structural insulated wall panel
	KINGSPAN KS 1000 RW panel with ECOSAFE insulation core, 70mm
	Organic coated steel standing seam outer sheet, for low pitch SIP
	Organic coated steel standing seam outer sheet, for normal pitch SIP
	SIP roof, OSB, timber panel, joists, plasterboard, 35 degrees

Group	Component Description
	SIP roof, OSB, timber panel, plasterboard, 10 degrees
	SIP roof, plywood, timber panel, joists, plasterboard, 35 degrees
	SIP, cement bonded particleboard, pentane PU insulation
	SIP, cement bonded particleboard, PU insulation (GWP 25)
<b>Spandrel panel</b>	
	Spandrel panel, aluminium, coated, pentane PIR/PUR ISP1
	Spandrel panel, aluminium, coated, polyurethane insulated ISP1
<b>Structure</b>	
	Aluminium base channel for frameless glazing system
	Aluminium frame for partitions
	Built up, coated aluminium standing seam, aluminium liner, insulation, steel supports *
	Built up, coated steel weather sheet and liner, mineral wool insulation *
	Built up, copper standing seam, coated steel liner, mineral wool insulation *
	Built up, mill finished aluminium standing seam, coated steel liner, insulation *
	Built up, profiled, coated aluminium standing seam, steel liner, mineral wool insulation *
	Built up, profiled, mill finish aluminium outer and liner, mineral wool insulation *
	Coated aluminium sheet, HD PE breather membrane, insulation, steel rails *
	Coated aluminium weather sheet, coated galv. steel inner sheet, PU insulation, steel supports
	Coated galv. steel inner & outer sheets, mineral wool insulation, steel support system *
	Coated steel inner & outer profiled sheeting, polyurethane insulation, steel rails
	Coated steel inner & outer profiled sheeting, stone wool insulation, steel rails
	Coated steel sheet, HD PE breather membrane, insulation, steel rails *
	Coated steel weather sheet and liner, pentane PIR/PUR insulation
	Cold rolled steel joists
	Concrete frame, reinforced
	Copper standing seam, ply, pitched
	Creo ICF system
	CT1/3, Metal ceiling system - 100 / 75mm void
	Fibre reinforced concrete panel, non-loadbearing, 110mm
	Foamed glass, 200mm
	ICF, 2x EPS grade 200e, 100mm light steel C studs, 300mm c/c, in situ C30 concrete
	ICF, 2x EPS grade 200e, 100mm light steel studs 300mm c/c, in situ C30 concrete
	Light steel structure for external loadbearing wall
	MARLEY ETERNIT CLAY PLAIN TILES ASHDOWN, battens, counterbattens, roofing underlay, 35 deg pitch
	MARLEY ETERNIT CLAY PLAIN TILES, battens, counterbattens, roofing underlay, 35 deg pitch
	Mill finish aluminium weather sheet, coated galv. steel inner liner, PU insulation, steel supports
	Mill finish stainless steel weather sheet, coated galv. steel inner liner, PU insulation, steel supports
	Permanent steel shuttering, deck, beams
	PINEWOOD 140mm timber frame
	Powder coated aluminium with steel liner, pentane PIR/PUR insulation
	Proprietary foil faced glass wool acoustic batt (E-WM-8)
	Rounded pebbles, permeable membrane, for inverted deck roofs (50 yrs)
	Stainless steel weather sheet, coated galv. steel inner liner, insulation, steel supports *

Group	Component Description
	Steel jumbo stud
	Steel partitions columns, enamelled
	Steel sections, twin beam
	Steel sheet, enamelled
	Steel structure for pitched and low pitched roofs
	Steel studwork, 100mm
	Steel studwork, 75mm
	Structural steel frame, heavy gauge
	Timber cassette internal wall panel, plywood, plasterboard
	Timber structural frame, 140x45mm (420kg/m3)
	Timber studwork, 37x75mm (420kg/m3), 400mm c/c
	Timber trussed rafters, 60mm c/c
<b>Sub-base</b>	
	Aggregate, hardcore base & sub-base, blinding, 150mm
	Recycled aggregate, hardcore base & sub-base
<b>Support bracket</b>	
	Galvanised steel support brackets (30 yrs)
	Galvanised steel support brackets (40 yrs)
<b>Topping</b>	
	Bonded screed, 50mm
	Bonded screed, 65mm
	Proprietary screed, 80kg/m2, polythene sheet
	Rackham, bouncing screed, reinforced, 65mm
	Screed to falls for concrete flat roof structure
	Screed, 50mm, insulation
	Screed, cement/sand, 20mm
	Structural topping for beam and eps floors, 65mm
	Structural topping for beam and eps floors, 75mm
	Structural topping for HANSON JETFLOOR SUPER T beam and eps block floor, 65mm
	Structural topping, 50mm