

Approved average weights of materials

The table below gives average weights of common items and materials, shown in Kilogrammes (Kg). These have been calculated from research carried out by MRWA and the Furniture Re-use Network.

For your calculation's material weight should be shown in Tonnes. **1000kg = 1 Tonne**
e.g. a bedside unit at 14 Kg divided by 1000 = 0.014 Tonnes

During your project, materials should be weighed and verified whenever possible and actual weights used for monitoring outputs.

If you are unable to provide actual weight information and need estimated weights of items not on this list, please contact MRWA.

Category	Item Description	Average Weight in Kg
Furniture		
Furniture	Bedside unit, cabinet or table	14
Furniture	Bench, kitchen or garden, solid wood	30
Furniture	Blanket box, Ottoman	11
Furniture	Bookcase / Shelving Unit	21
Furniture	Cabinet (display & kitchen), Bureau	20
Furniture	Chair, kitchen, dining or wooden	7
Furniture	Chest-of-drawers, Tallboy	27
Furniture	Small desk, Computer Table	20
Furniture	Large desk	27
Furniture	Dressing table	34
Furniture	Fire surround	28
Furniture	Grandfather clock	64
Furniture	Headboard	11
Furniture	TV / Hi-fi unit	17
Furniture	Piano	130
Furniture	Sideboard, not large	35
Furniture	Table small, cane, coffee, nest	14
Furniture	Table, large e.g. dining	29
Furniture	Table, medium e.g. kitchen	23
Furniture	Wall unit	43
Furniture	Wardrobe, double	55
Furniture	Wardrobe, single	37
Furniture	Welsh dresser	92
Home Office Furniture	Cabinet, large	77.5
Home Office Furniture	Office chair	12
Home Office Furniture	Office desk	26
Soft Furniture	2 seater sofa	37
Soft Furniture	3 seater sofa	42
Soft Furniture	Armchair	27
Soft Furniture	Recliner	51

Category	Item Description	Average Weight in Kg
Soft Furniture	Bed, single complete (base, mattress + hdboard)	53
Soft Furniture	Bed, double complete (base, mattress + hdboard)	78
Soft Furniture	Bed, King-size complete (base, mattress + hboard)	91
Soft Furniture	Bed base, single wood / divan / folding / Z bed	21
Soft Furniture	Bed base, double wood / divan / folding / Z bed	27
Soft Furniture	Bed base, king-size wood, divan or double metal	30
Soft Furniture	Bunk bed / Cabin bed	50
Soft Furniture	Cane chair, Bookcase	15
Soft Furniture	Chair, easy, fireside, lounge, rocking	18
Soft Furniture	Chaise longue	40
Soft Furniture	Futon/Sofa bed(wooden base with mattress)	35
Soft Furniture	Mattress, single	21
Soft Furniture	Mattress, double	40
Soft Furniture	Mattress, king-size	50
Soft Furniture	Pouffe / Stool	5
Soft Furniture	Sofa bed, foam flop out	42.5
Soft Furniture	Sofa bed, metal frame	85
Soft Furniture	Sofa, cane / conservatory (with cushions)	20

Household

Children's Items	Cot	16
Children's Items	Highchair	13
Children's Items	Pram	14
Children's Items	Pushchair	8
Children's Items	Stairgate	3
Children's Items	Toys, box	11
Leisure	Bike, adult	15
Leisure	Bike, child	10

Miscellaneous	Small miscellaneous, e.g. scales, saucepans, shoe rack, pedal bin, picture, magazine rack, fireguard, CD stand, picture frame, curtain pole, lampshade, suitcase, wine rack, Christmas tree	3
Miscellaneous	Medium miscellaneous, e.g. tea trolley, ironing board, plant stand, coat or hat stand, small mirror, clothes horse,	6
Miscellaneous	Large miscellaneous, e.g. carpet cleaner, large mirror, ladder, laundry basket, loose shelves	11

Category	Item Description	Average Weight in Kg
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Textiles, Bedding and Window Dressing

Textiles	Black Bag of mixed clothes	8
Bedding and Window Dressing	Pillow	1
Bedding and Window Dressing	Sheet	1.5
Bedding and Window Dressing	Blanket, towel, throw, duvet cover	2
Bedding and Window Dressing	Blinds (fabric), light or mid weight curtains	5
Bedding and Window Dressing	Blinds (wood, metal), curtains (thick, lined)	7

HH Garden & DIY

DIY	Door (pvc)	20
DIY	Door (wood)	15
DIY	Gate (metal)	30
DIY	Gate (wood)	15
DIY	Paint (5litre)	6
DIY	Patio door	30
DIY	Tiles (ceramic), per square metre	30
DIY	Window (wood)	15
DIY	Window (glazed)	20
DIY	Worktop (kitchen)	12
Garden	BBQ	15
Garden	Chair (metal, plastic or wood)	7
Garden	Lounger	15
Garden	Rotary drier	15
Garden	Table (metal, plastic or wood)	20
Garden	Tool (large) e.g. spade, fork	2
Garden	Tool (small) e.g. trowel	1
Garden	Waterbutt	11
Garden	Wheelbarrow	15

HH Gas Appliances

Gas Appliances	Cooker, gas	50
Gas Appliances	Hob, gas	20
Gas Appliances	Fire, gas	9

Category	Item Description	Average Weight in Kg
WEEE		
Cat 1 - Lge Hh Appl	Baby belling, counter top cooker, hostess trolley	24
Cat 1 - Lge Hh Appl	Cooker hood	9
Cat 1 - Lge Hh Appl	Cooker, electric	56
Cat 1 - Lge Hh Appl	Dishwasher	47
Cat 1 - Lge Hh Appl	Spin-Dryer	13
Cat 1 - Lge Hh Appl	Twin-tub	42
Cat 1 - Lge Hh Appl	Washer Drier	69
Cat 1 - Lge Hh Appl	Washing Machine	65
Cat 2 - Smll Hh Appl	Hair & Beauty item e.g. hair dryer, foot massager, hair curlers, hair straighteners	1
Cat 2 - Smll Hh Appl	Small item - kettle, toaster, clock, sandwich maker, coffee maker, juicer, rice cooker, steamer, iron, food mixer	2
Cat 2 - Smll Hh Appl	Medium item - bread machine, video camera, trouser press	7
Cat 2 - Smll Hh Appl	Electric sewing machine	17
Cat 2 - Smll Hh Appl	Fan (electric)	10
Cat 2 - Smll Hh Appl	Fan heater	5
Cat 2 - Smll Hh Appl	Fire	16
Cat 2 - Smll Hh Appl	Hob, electric	8
Cat 2 - Smll Hh Appl	Microwave	19
Cat 2 - Smll Hh Appl	Radiator	17.5
Cat 2 - Smll Hh Appl	Vacuum	13
Cat 3 - IT & Telecoms	Computer, base unit	10
Cat 3 - IT & Telecoms	Laptop	3
Cat 3 - IT & Telecoms	Mobile phone or Accessory (hands free kit, charger)	0.5
Cat 3 - IT & Telecoms	PC Accessory (keyboard, mouse)	1
Cat 3 - IT & Telecoms	PC Printer / Scanner / Shredder	7
Cat 3 - IT & Telecoms	Telecommunications equipment	5
Cat 3 - IT & Telecoms	Wordprocessor / Electric typewriter	9
Cat 4 - Consumer Equip	Hi-fi, integrated	11
Cat 4 - Consumer Equip	Hi-fi, separates (amplifier, cassette deck, CD player, radio, speakers)	5
Cat 4 - Consumer Equip	Video, DVD, Games Console, Digibox	12
Cat 5 - Light Equipt	Lamp or light	1.5
Cat 6 - Elec & Elect Tools	Small vac, electrical garden tool e.g. strimmer, hedge cutter, garden	11
Cat 6 - Elec & Elect Tools	Large electrical garden tool, e.g. lawnmower, shredder	13

Category	Item Description	Average Weight in Kg
Cat 6 - Elec & Elect Tools	Power tools e.g. drill, electric screwdriver	4
Cat 7 - Toys, I & sports	Musical Instruments e.g. keyboard, organ (not toy)	31
Cat 7 - Toys, I & sports	Sunbed	33
Cat 8 - Medical devices	Electric armchair	54
Cat 8 - Medical devices	Electric bed, single	100
Cat 8 - Medical devices	Electric bed, double	200
Cat 8 - Medical devices	Electric wheelchair	60
Cat 11 - Display Equipt	CRT-Monitor < 14"	11
Cat 11 - Display Equipt	CRT-Monitor 14"	13
Cat 11 - Display Equipt	CRT-Monitor 15"	14
Cat 11 - Display Equipt	CRT-Monitor 17"	16
Cat 11 - Display Equipt	CRT-Monitor 19"	23
Cat 11 - Display Equipt	CRT-Monitor 21"	31
Cat 11 - Display Equipt	TV Portable or TV Combi	11
Cat 11 - Display Equipt	Flat screen display 15-17"	4.4
Cat 11 - Display Equipt	Flat screen display 19-20"	6.3
Cat 11 - Display Equipt	Flat screen display 22-24"	7.2
Cat 11 - Display Equipt	Flat screen display 26-30"	10.6
Cat 11 - Display Equipt	Flat screen display 32-37"	17
Cat 11 - Display Equipt	Flat screen display 40-46"	22
Cat 12 - Cooling Appl containing refrigeration	Air Conditioner, Dehumidifier	18.5
Cat 12 - Cooling Appl containing refrigeration	Freezer or fridge, tabletop	28
Cat 12 - Cooling Appl containing refrigeration	Freezer, chest	48
Cat 12 - Cooling Appl containing refrigeration	Freezer, free standing	45
Cat 12 - Cooling Appl containing refrigeration	Freezer, undercounter	32
Cat 12 - Cooling Appl containing refrigeration	Fridge, free standing	38
Cat 12 - Cooling Appl containing refrigeration	Fridge, undercounter	30
Cat 12 - Cooling Appl containing refrigeration	Fridge-Freezer	51