

Components and materials supplied with 'EcoWall' specification



Structural Pack

Indicates items included in erection service to wind and watertight stage, if requested.

NB All structural timbers are kiln dried, stress graded pine and pressure treated with preservative to protect against rot and fungal attack. Concrete ground floor construction, by others.

45 x 145 mm Wall plates and M8 x 100 mm anchor fixings.

Prefabricated external wall panels comprising 45 x 145 mm framing at 600 mm centres, clad externally with 9 mm OSB sheathing and low-emissivity insulating breather membrane.

Prefabricated gable spandrel panels comprising 45 x 95 mm framing at 600 mm centres, clad externally with 9 mm OSB sheathing and 'Frameshield 100' breather membrane.

38 x 50 mm Fire stops.

Stainless steel holding down straps and wall ties.

45 x 145 mm Head binders.

Prefabricated, 45 degree pitch, 'roof store' fink type roof trusses, valley set(s) and fixing clips including multi-ply girder truss(es) at roof intersection(s) and all necessary loose support in-fill timbers, connectors and hangers. *NB The Kit Erector may need to connect or cut the roof trusses and in-fill timbers on site to suit the roof construction details.*

25 x 100 mm Longitudinal and diagonal wind bracing.

20 x 150 mm White PVC fascia boards to eaves.

10 mm White PVC soffit board to eaves.

PVC continuous over fascia and cross-flow roof ventilation units.

9 mm OSB roof sarking boards and roofing membrane (for concrete tile roofing).

12 x 38 mm Roof tile counter battens.

25 x 50 mm Roof tile fixing battens.

White PVCu high performance double glazed (Low-E glass and Argon gas filled with toughened safety glass if within 800mm of floor) top-hung casement windows with locking handles and trickle vents.

White PVCu entrance door set(s) comprising 'D1' (front) and 'D2' (rear) double glazed (toughened Low-E safety glass and Argon gas filled) door, hung in fully weather-stripped frame with multi-point locking system. Front door to have letter box fitted in addition.

White PVCu in-line, sliding, double glazed (toughened Low-E safety glass and Argon gas filled) patio door set(s) (if applicable).

'Cardale - Prima - Gemini' primed galvanised steel trackless up and over garage door (size 2.4m x 2.1m) complete with redwood posts and white PVCu external cover plates (if applicable).

Finishings Pack

45 x 45 mm Strapping to form services cavity to inside of external walls, in random lengths (not Garage, if applicable).

38 x 50 mm Wall and ceiling dwangs and framing for pipe boxes, etc., in random lengths.

Prefabricated partition panels comprising 45 x 70 mm framing at 600 mm centres.

140 mm Glass mineral wool insulation quilt for external walls.

50 mm PIR foil faced insulation board for inside of external walls (not Garage, if applicable).

420 mm (3 x 140mm) Glass mineral wool insulation quilt for roof space(s).

150 mm PIR foil faced insulation board for between rafters in sloping ceilings.

25 mm PIR foil faced insulation board to underside of rafters on sloping ceilings.

60 mm Glass mineral wool insulation quilt for sound deadening to all internal partitions.

Airtight vapour control layer and joint tape for inside external walls (not Garage, if applicable).

12.7 mm Plain plasterboard for ceilings, external walls and partitions (two layers to Garage ceiling, if applicable).

12.7 mm Moisture resistant plasterboard for shower areas.

12.5 mm 'Fermacell' fire / moisture resistant gypsum-fibreboard for Garage walls (if applicable).

Pre-assembled roof space ceiling hatch and telescopic aluminium ladder.

Internal door sets comprising moulded four panel grained door hung in redwood frame with fitted latch / lock and chrome lever handles, supplied loose, generally. Door to Garage to be ½ hour fire-resistant and self-closing (if applicable).

Internal door set(s) comprising moulded, four panel, grained, two light, single glazed (decorative etched toughened safety glass) door(s) hung in redwood frame with fitted latch and chrome lever handles, supplied loose, to Lounge and Vestibule (*NB Double doors to have chrome flush bolts fitted to one leaf*).

Sliding, safety backed, mirrored doors with chrome framing and tracking, in redwood sub-frame (supplied in kit form for site assembly, by others), together with full width shelf and hanging rail for wardrobes.

Redwood bull-nosed projecting cill board and apron for windows. (*NB Plasterboard ingoes*).

Redwood skirtings, facings and sundry fillets.

NB Nails, screws and sundry fixings, to suit each application, are supplied free of charge. Alternatively, 'Paslode' (air gun) nails and screws can be supplied at an additional cost, if preferred. Please advise when ordering kit.

We reserve the right to modify the design and/or specification of any house kit, without prior notice, in conformity with our policy of continuous updating and improvement.

Our quality assurance system is accredited to BS EN ISO 9001 : 2008