



PROFESSIONAL TIMBER FRAME SYSTEM BUILD GUIDE

OPTIONAL BAY EXTENSION KIT FOR GARAGES AND CAR PORTS



INSTALLATION

This guide is to be used in conjunction with the comprehensive build guide for two bay garages and car ports.



GARAGE AND CAR PORT ERECTION

Always make sure there is adequate safe and secure access equipment to work comfortably and safely to the height of your garage/car port.



Note: In order to give clarity to the photographs provided in this guide it was necessary to temporarily remove some access equipment. This should not be removed in the course of normal construction.

Those constructing the building **must ensure** that all relevant Health & Safety legislation is complied with. This includes completion of a risk assessment, access methods and suitable Personal Protective Equipment (PPE) used.

Throughout the build all timbers that are cut or trimmed in the course of construction should have the newly exposed surface treated with a proprietary brand of wood preserver.

FOUNDATION REQUIREMENTS

Beamlock garages and car ports are to be erected on suitably prepared and level foundations, in accordance with the Local Building Regulation requirements.

Typically a foundation type is decided upon by relevant information such as soil conditions, frost, heave, proximity to surrounding vegetation, landscape contour (slope of site), fresh landfill, clay, sandstone, loamy soil, water table and structural load. These are all relevant issues that may affect the foundation type (strip, trench, raft or pad foundation). Excavation depth and width, concrete thickness and proximity of concrete to finished ground level is also very important in selecting the correct foundation type for your site to save costs.



Note: it is the homeowner or their contractor's responsibility to lay a suitable foundation and is not part of Finnforest's service package.

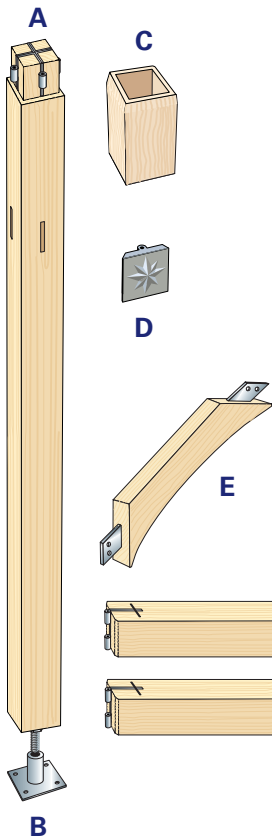
USE CLASS 3

Factory applied preservative treatment gives compliance for Use Class 3.1* allowing the frame to be exposed to the elements but requiring further application of protecting surface coatings.



Note: To achieve Use Class 3 a secondary protective coat needs to be applied and maintained.

BUILDING THE FRAME FOR THE EXTENSION KIT



Extension frame components:

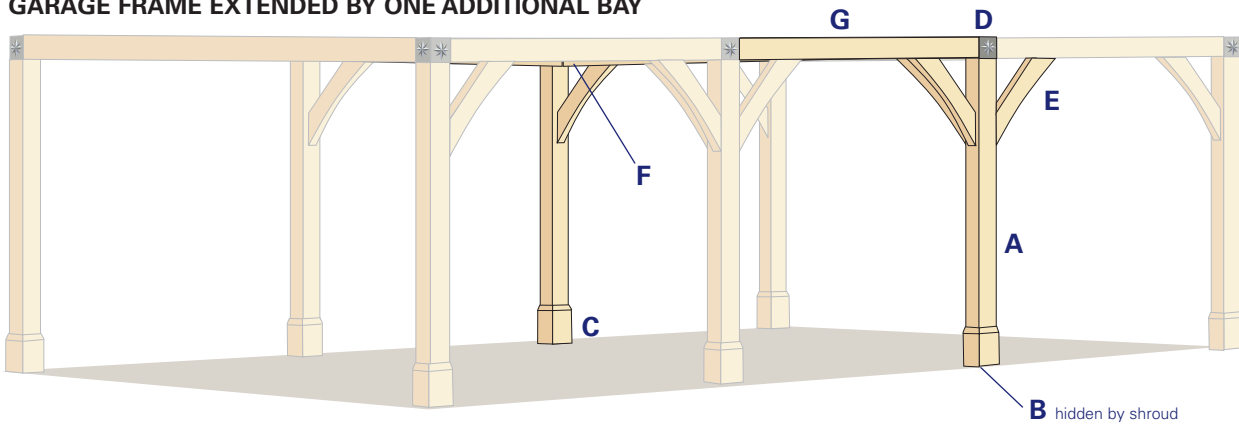
- A** Posts (138mm x 138mm x 2.165m). Complete with a metal "cruciform"
- B** Adjustable Base Plate
- C** Shrouds
- D** End Plates
- E** Braces (48mm x 155mm x 900mm)
- F** Long Beams (138mm x 165mm x 4.968m). Complete with metal beam kits
- G** Short Beams (138mm x 165mm x 2.628m). Complete with metal beam kits

Components shown are not to scale.

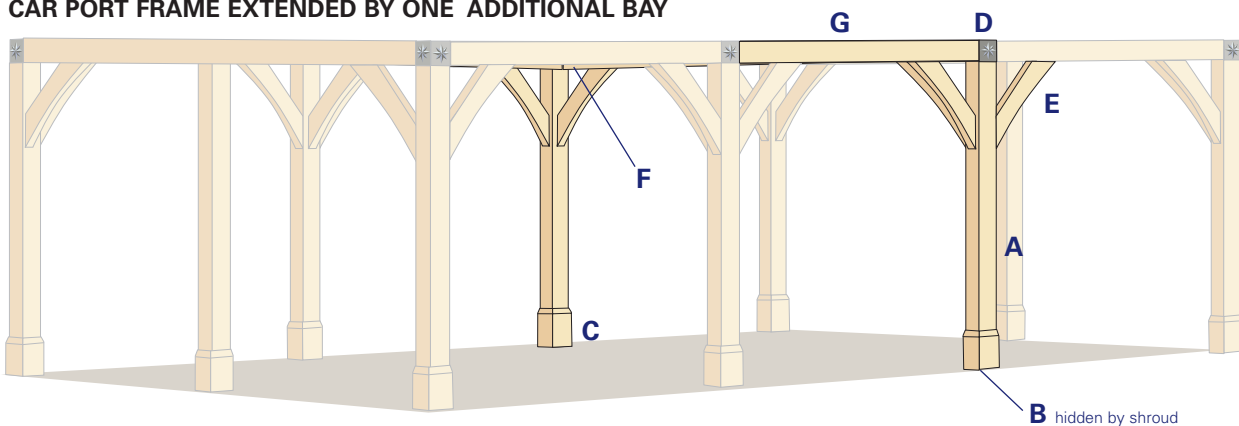
F 4.968m

G 2.628m

GARAGE FRAME EXTENDED BY ONE ADDITIONAL BAY



CAR PORT FRAME EXTENDED BY ONE ADDITIONAL BAY

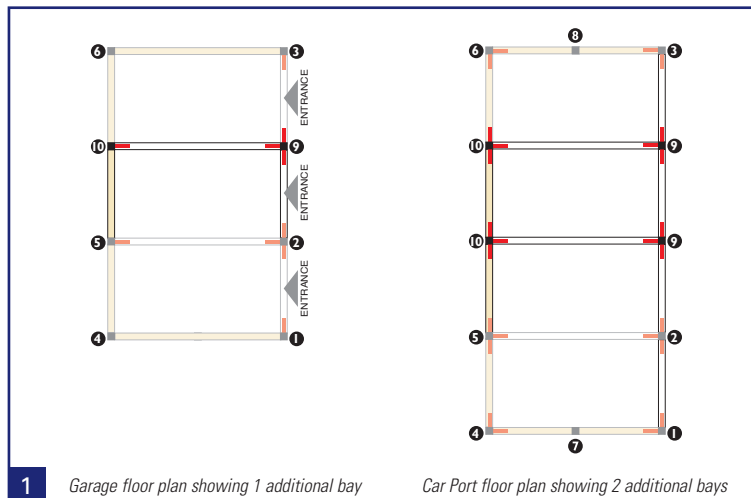


FRAME ASSEMBLY INSTRUCTIONS

After erecting the first bay (page 6, fig. 18, in the main build guide), the add-on bay(s) can be erected. Ensure that the letters marked on the ends and tops of the posts and beams are in the correct position **1**.

It is important to remember that the standard two bay frame will always remain the two outer bays, the add-on bay(s) will be sandwiched between them **2**.

Erect the add-on bay(s) in the same manner as the first bay and follow the instructions in the build guide (figs. 18-38).

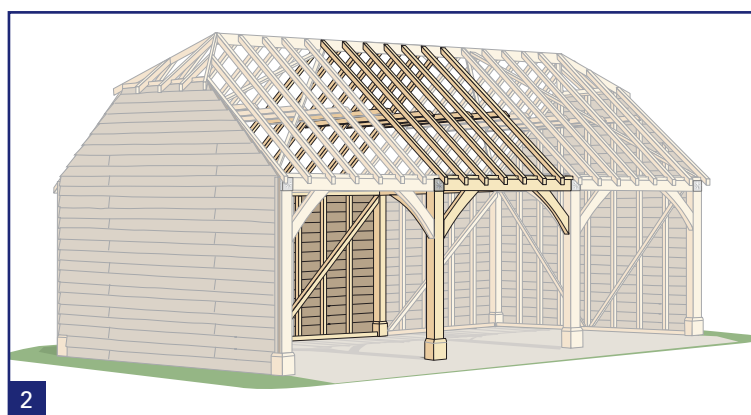


FOR GARAGES ONLY

Once the frame has been erected follow the build guide instructions (section 2, page 13) to build the sub-frame.

Cut to length the 100 x 47mm sole plate and vertical studs, secure using the 100mm galvanised nails **3** & **4**.

Position the two lengths of 50mm x 25mm stops centrally on the rear two posts either side of the stud wall **5**.



The 6m lengths of 19mm x 150mm feather-edge cladding supplied with the two bay garage kit will now have to be cut to length and fixed into position using 50mm galvanised nails either side and between the two lengths of stop (see page 15, figs. 54 and 55 in main build guide).

The 3m lengths of 19mm x 150mm feather-edge cladding supplied with the add-on kit can now be cut to length and fitted between the two lengths of cladding stop.



FOR CAR PORTS ONLY

With the add-on bay(s) for car ports an additional six braces will be required, two to be fitted to each beam per additional bay (see pages 10 and 11, figs. 30-37 in main build guide).



BUILDING THE ROOF

Secure the wall plate to the top of the front and rear beams **6**.

For roofs with Gable-ends and Barn-Ends an additional ridge board is included in the add-on bay pack, 200mm x 25mm with a joint cut in one end. This joint will match the line drawn on the end of the ridge board supplied with the two bay garage or car port kit.

Carefully cut round this line and pair the two boards together using 65mm galvanised nails **7**.

The roof can now be fitted (see pages 16-19, figs. 57-75 in the main build guide).

FOR HIPPED ROOFS ONLY

Hipped roofs will be supplied with a complete new length of ridge board in the add-on bay pack. The 200mm x 25mm ridge board supplied with the two bay garage/car port kit can be disregarded.



GARAGE SINGLE BAY EXTENSION KIT

COMPONENTS	SIZE (W x D x L)	QUANTITY
FRAME		
Posts ❖	138mm x 138mm x 2.165m	2
Short Beams ■	138mm x 165mm x 2.628m	2
Long Beam ■	138mm x 165mm x 4.968m	1
Braces (Reinforced)	48mm x 155mm x 900mm	4
Wall Studs	100mm x 47mm x 2.4m	6
Sole Plate	100mm x 47mm x 2.7m	1
End Plates	138mm x 165mm	2
Diagonal Wall Bracing	25mm x 100mm x 3.6m	1
Feather-Edge Boards	150mm x 19mm x 3.0m	20
Fixing Bag containing: 8 x Long Pins; 8 x Short Pins; 8 x Wooden Grommets; 2 x pre-drilled Top Plates; 4 x 100mm Screws; 8 x M10 100mm Anchor Bolts (foot plate); 2 x M10 Anchor Bolts (sole plate); 8 x Bolts & Washers; 1 x 1kg bag 100mm, 1 x 0.5kg bag 75mm and 1 x 0.5kg bag 50mm Galvanised Nails.		1
O 2 x 1kg & 1 x 0.5kg bags 65mm Galvanised Nails; 2 x 1kg & 1 x 0.5kg bags 31mm Annular Ring Nails.		

ROOF

Wall Plates	100mm x 47mm x 2.7m	2
Collars	100mm x 47mm x 3.0m	4
Ridge Board	200mm x 25mm x 2.7m	1
Common Rafters	150mm x 47mm x various lengths	14
Cedar Shingle Ridge Tiles	75-320mm widths x 450mm long	18
Bolts & Washers	12mm x 120mm	8

Additional components for:

45° Pitched Roof option

Batten	25mm x 50mm	180m
Cedar Shingle Tiles □ (Bundles)	75-320mm widths x 400mm long	10

40° Pitched Roof option

Batten	25mm x 50mm	168m
Cedar Shingle Tiles □ (Bundles)	75-320mm widths x 400mm long	9

28° Pitched Roof option

Batten	25mm x 50mm	150m
Cedar Shingle Tiles □ (Bundles)	75-320mm widths x 400mm long	8

CAR PORT SINGLE BAY EXTENSION KIT

COMPONENTS	SIZE (W x D x L)	QUANTITY
FRAME		
Posts ❖	138mm x 138mm x 2.165m	2
Short Beams ■	138mm x 165mm x 2.628m	2
Long Beam ■	138mm x 165mm x 4.968m	1
Braces (Reinforced)	48mm x 155mm x 900mm	6
End Plates	138mm x 165mm	2
Fixing Bag containing: 8 x Long Pins; 12 x Short Pins; 12 x Wooden Grommets; 2 x pre-drilled Top Plates; 4 x 100mm Screws; 8 x M10 100mm Anchor Bolts (foot plate); 8 x Bolts & Washers; 1 x 0.5kg bag 100mm and 1 x 0.5kg bag 75mm bag Galvanised Nails;		1
O 2 x 1kg & 1 x 0.5kg bags 65mm Galvanised Nails; 2 x 1kg & 1 x 0.5kg bags 31mm Annular Ring Nails.		

ROOF		
Wall Plates	100mm x 47mm x 2.7m	2
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Common Rafters	150mm x 47mm x various lengths	14
Cedar Shingle Ridge Tiles	75-320mm widths x 450mm long	18
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ALL SIZES ARE APPROXIMATE

- ❖ Posts come complete with a metal "cruciform" inserted in the top of each and an adjustable base plate inserted into the bottom.
- Beams come complete with metal beam kits at either end.
- Each bundle pack covers approximately 2.5 square metres.
- O These items are only available with optional roof pack.



Note: For further advice on using multiple extension kits please call our helpline on 0845 601 7886.

Local Distributor:



For more information and a list of distributors in your area visit www.finnforest.co.uk or call 0800 00 44 44.

Wood is the only building material that is truly renewable, if well managed. Forest certification schemes give assurance that the timber is legal and from sustainable sources. Finnforest UK sources certified timber over uncertified and is an approved Chain of Custody supplier.

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The photographs in this brochure are for illustration purposes only.

All measurements and dimensions are accurate at time of going to press. All approximate dimensions have been highlighted. Finnforest reserves the right to change or revise the product specification and range without notice.

