

### User Guide





Welcome to e-house, the software that will enable you to determine the most appropriate Wesbeam LVL product to use within a framing environment for a given span and load.

Please use the user guide below to provide you with easy step by step instructions on how to use e-house.

If you have any problems with the software please email e-house@wesbeam.com, and one of our technical support personnel will be able to assist.





- 1. Open Program.
- 2. Select Presets ( 📯 ) or Select Edit > Presets.

Darren Taylor	Product	Price \$/m
	200 x 36 e-beam	0.00
company Info Wesbeam Pty Ltd	240 × 36 e-beam	0.00
	300 × 36 e-beam	0.00
	200 x 45 e-beam	0.00
	240 x 45 e-beam	0.00
Margins (mm)	300 × 45 e-beam	0.00
Top 6	360 x 45 e-beam	0.00
	400 × 45 e-beam	0.00
Left 6 Bight 6	200 x 63 e-beam	0.00
	240 x 63 e-beam	0.00
6	300 × 63 e-beam	0.00
BOCCOM J -	360 × 63 e-beam	0.00
	400 x 63 e-beam	0.00
	450 x 63 e-beam	0.00
Wind Classification N3 💌	600 x 63 e-beam	0.00
	300 × 75 e-beam	0.00
Bearing Width 90 x mm	400 x 75 e-beam	0.00
	600 x 75 e-beam	0.00
Roof Pitch 22 demons		

- 3. Enter Designers Name.
- 4. Enter Company Name and Address.
- 5. Enter margins (mm) for your page set for the Print Preview of designs.
- 6. Wind Classification select the nominated wind speed for the region/area that the members is being designed for.
- 7. Select the Bearing Width for the designed member.
- 8. Enter the roof pitch if required.
- 9. Select edit in the Products section.

Instructions/copy	M Product List		_ 🗆 X
	Roof Girder		
	95 x 36 e-beam       >131 x 36 e-beam       >151 x 36 e-beam       >151 x 36 e-beam       >171 x 36 e-beam       >201 x 36 e-beam       >301 x 36 e-beam       >131 x 36 e-beam       >151 x 36 e-beam       >151 x 36 e-beam       >151 x 45 e-beam       >151 x 45 e-beam       >201 x 45 e-beam	Product Types  Westbeen I Joint Westbeen I Joint Westbeen I Joint Add	



- 10. Choose the material in the Product Types you would like to design with. For example Wesbeam LVL, Wesbeam I-Joist.
- 11. Click Add.

Instructions/copy	👪 Wesbeam LVL		_ 🗆 🗙
Instructions/copy	A Wesbeam LVL Series Cetame Cetame	Width 36 45 51 63 75	Depth 33 30 55 56 56 50 1
	On Off	On Off	On Off

- 12. Select a series or use the on/off tick box for series width and depth.
- 13. When you have selected the Series, Width and Depth, select 'Add to List'.

nstructions/copy	🌉 Product List		<u>_ 0 ×</u>
	Roof Girder		
	✓ 200 x 36 e-beam ✓ 201 x 36 e-beam ✓ 201 x 36 e-beam ✓ 201 x 45 e-beam ✓ 201 x 53 e-beam	Product Types Westbeam I-Joist Westbeam I-Joist Westbeam I-Jule Add	
	OK Cancel		



- 14. Select OK to exit Product List.
- 15. Preset Screen you will notice that the selected material has been updated on the Products List > you have an opportunity to input material costs at this stage. This can be useful to sort your designed material by Price, Stiffness, Strength and Solution.

To enter material costs, select the product and double click. Enter the price and then press OK.

16. Press OK to continue.

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Cgiculate Add to job 200 x 45 e beam x1 19% 69% 40.00		150 x 36 e-beam x2	22% 75% \$0.00
	Cglculate Add to Job	200 x 45 e-beam x1	19% 69% \$0.00

- 17. Enter Job Name.
- 18. Enter Job Location.
- 19. Type Select the area of design for either floor, wall or roof.
- 20. Member Type Select the relevant member type.
- 21. Member Description Enter description of member.
- 22. Treatment enter level of treatment.
- 23. Input relevant measurements, i.e. span, joist spacing, rafter spacing. The diagram highlights your information entered.
- 24. Click Calculate and the program will calculate all of the selected material.
- 25. e-house 1684+ gives you the option to sort the designed material by Solution, Strength, Stiffness and Price. Click on the relevant heading in the Design Results table for this option.



- 26. The design is complete. If you are satisfied with your material selection, performance and cost, 'Add the Member' to your job. You can now design another member using the e-house 1684+ software.
- 27. To view your designed members click Preview ( 💽 ). Print if required or you can keep the information on your computer as an electronic file.

## Thank You

Thank you for using e-house 1684+ from Wesbeam

e-house@wesbeam.com

www.wesbeam.com

