

# IBUILT™

Engineered Wood Products

August 2022

## Midfloor solutions, supply levels and Junior & Commonwealth Cycling success – our August update

We're already halfway through 2022 – another year of challenge and change for the building industry. Despite disruptions, New Zealanders are still building and renovating, and we're still supplying a range of innovative engineered wood products to help them get the results they want.

IBuilt has managed to keep supplies flowing and get products out to clients. We've also kept developing product lines – check out our new midfloor joist options below. IBuilt is a proud supporter of cycling and this month, we're excited to share our latest event: the IBuilt Junior Cycling Tour. Take a look at our article to see how it went.

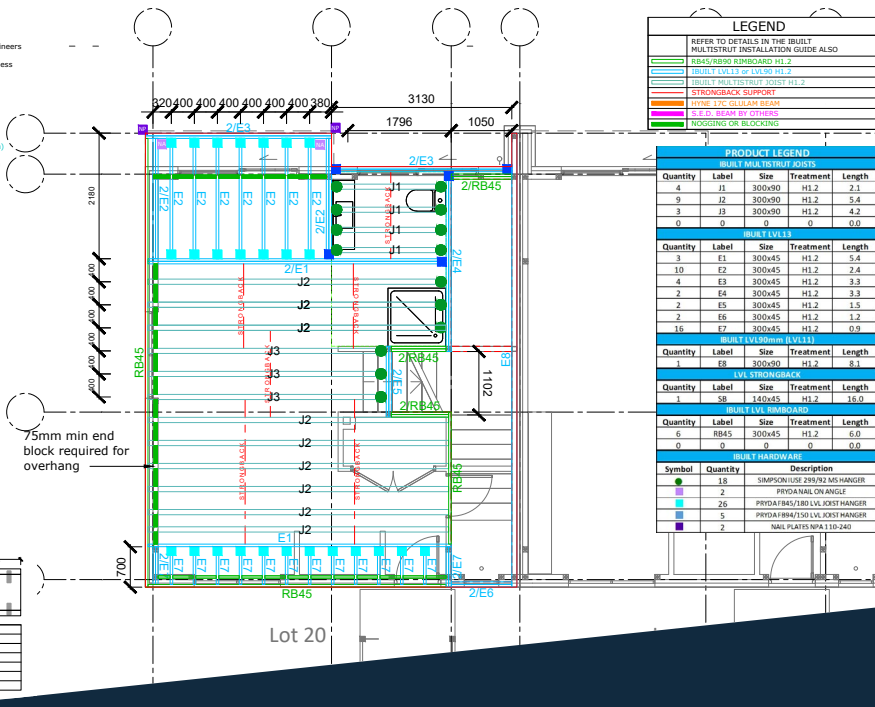


Bryony Botha and Ella Wyllie, part of the IBuilt racing team

**Site Notes:**  
 Site Measure & check quantities before starting.  
 Read in conjunction with Architectural & Engineering drawings, Schedules, NZS3604:2011.  
 Structural items shown by Engineer are indicative only. All Engineers details to take precedence.  
 Roof structure loads assumed to be taken to external walls, unless noted.

**MultiStrut Joist Notes:**  
 Refer to IBuilt guide for installation details.  
 Joists must not be installed upside down.  
 Strongbacks must be installed - Refer details.  
 Timber chords and steel webs must not be cut or altered.  
 Max trim of 150mm allowable each end.  
 Do not use RB45 (Green on plan) in lieu of LVL13 (Blue on plan).  
 Storage of panel materials on joists - 150kg/m<sup>2</sup> max.  
 Max load for product type: 19/20mm Ply/Strandflor (12 sheets) 15mm plasterboard (20 sheets)

**IF IN DOUBT, PHONE I BUILT: 0800 022 352**



LEGEND	
REFER TO DETAILS IN THE I BUILT MULTI-STRUT INSTALLATION GUIDE ALSO	
	STRONGBACK PERIMETER H1.2
	I BUILT LVL13 or LVL90 H1.2
	I BUILT MULTI-STRUT JOIST H1.2
	STRONGBACK SUPPORT
	HYBE 17C GULLIAM BEAM
	S.E.D. BEAM BY OTHERS
	NOSSING OR BLOCKING

PRODUCT LEGEND				
I BUILT MULTI-STRUT JOISTS				
Quantity	Label	Size	Treatment	Length
4	J1	300x90	H1.2	2.1
9	J2	300x90	H1.2	5.4
3	J3	300x90	H1.2	4.2
0	0	0	0	0.0

I BUILT LVL13				
Quantity	Label	Size	Treatment	Length
3	E1	300x45	H1.2	5.4
10	E2	300x45	H1.2	7.4
4	E3	300x45	H1.2	3.3
2	E4	300x45	H1.2	3.3
2	E5	300x45	H1.2	1.5
2	E6	300x45	H1.2	1.2
16	E7	300x45	H1.2	0.9

I BUILT LVL90mm (LVL13)				
Quantity	Label	Size	Treatment	Length
1	S8	140x45	H1.2	8.1

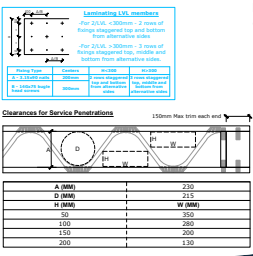
LVL STRONGBACKS				
Quantity	Label	Size	Treatment	Length
1	S8	140x45	H1.2	18.0

Quantity	Label	Size	Treatment	Length
6	RB45	300x45	H1.2	6.0
0	0	0	0	0.0

I BUILT HARDWARE		
Symbol	Quantity	Description
	18	SIMPSON USE 289/92 MS HANGER
	2	PRD/ANGL OR ANGLE
	26	PRD/ANGL/150 LVL JOIST HANGER
	5	PRD/ANGL/150 LVL JOIST HANGER
	2	NAIL PLATES NPA 1.1D-240



## Solving your midfloor challenges

Engineered midfloor systems are more efficient than conventional midfloors. I Built's custom midfloor products are designed for ease of use, strength and durability. We deliver a complete system of joists, beams and brackets, and a clear layout plan, making installation a breeze.

We are already delivering our midfloor systems across the country – we just need a full set of CAD drawings to start building yours.

### Here's how it works:

- Midfloor members are supplied in set lengths and ready to be installed, requiring minimal trimming on site therefore minimising waste.
- Each part of the system – from joist to beam to bracket – is labelled and cross-referenced to your layout plan.
- All components – flooring, joists, structural floor beams, perimeter rimboards, hangers and fixings – are included in the design.

[Click here for more information on midfloor and MultiStrut](#)



## Introducing the new MS240

Our engineered timber joists offer strength, durability, flexibility and increased spanning capability over traditional framing – and we’ve just expanded the possibilities by adding a 240mm deep option to the MultiStrut range. Like our 300mm deep MultiStrut joist, the 240mm features LVL11 top and bottom chords and steel web brackets.

### Here’s how the MultiStrut joist stacks up:



Open-web design offers unimpeded access for plumbing, electrical components and other services.



Lightweight and strong construction



Supplied in 300mm increments with 150mm trimmable ends, making them easy to trim to size on site



Depth is compatible with other engineered timber products



Efficient use of timber, with minimal waste on-site



Phil (left) and Mac (right) enjoying the arrival of our new Combi, an essential piece of equipment for moving our midfloor packs.

## Get the job done with Glulam

Great news! We have a good stock of our popular glue laminated (Glulam) beams and posts on hand. The beams are ideal for all sorts of internal build applications – from bearers and roof beams to lintels and portals. The newest product in the range is the Beam 15C, by Hyne Timber. It is a great option for double garage door lintels and can be an alternative for flitch beams and LVL 16.

### Glulam stock details:

- Beam 15C is treated to H3.1 (LOSP)
- Sizes in stock:  
85mm x 195, 230, 260, 295, 330, 360, 395, 425, 460  
(425 and 460 stocked in 5.4 and 6.6m lengths only)  
130mm x 230, 260, 295

[For more information click here](#)

## What's on hand?

Here's a snapshot of availability and supply right now – give us a call to check specific product levels.

### CoreClad Textured ACQ-treated plywood cladding:

The popularity of this product has exceeded all expectations, and regular shipments of the 2,440mm, 2,745mm and 3,050mm lengths are constantly improving stock levels.



### MultiStrut floor beams:

240mm and 300mm are in good supply, with key lengths carried in stock.



### Treated plywood product:

Our plywood stocks are looking good – treated product is taking a little longer to replenish and good inventory levels are not too far away.



### Glue laminated posts:

Our stock profile is improving daily. Check out our GL8 appearance grade, H5 posts on the website. Available profiles: 88 X 88, 112 X 112 and 135 X 135 mm, in lengths from 2.4m to 6m.



Want to know more about what's in stock or what's coming up? Get in touch to chat about your next project and your product needs. Either call your IBuilt Area Sales Manager or contact customer service on 0800-022-352.

## IBuilt: Supporting cycling in New Zealand

We were proud to be involved with the recent IBuilt Junior Cycling Tour, which went off without a hitch in mid-June. Based in Port Waikato, the event involved five road races over two days. It's one of six national Junior tours – participants collect points during each event, competing to become the NZ Junior Tour Champion. With the largest number of entrants of all this year's tours, it was a sizeable event that involved a lot of planning, logistics and hard work from the organising team.

IBuilt, as naming-rights sponsor, provided financial support, vehicles and staff to help out over the weekend. The staff, Marty and Scott, had a great time and they're keen to return for next year's event. Even better, feedback from race participants and family members was overwhelmingly positive – everyone had a fantastic time.

Some of the feedback:

“Brilliant tour! Great to have five stages, good courses with something for everyone, and the points system made it exciting right to the end. Thanks so much to IBuilt for backing the tour, and the sponsors and organisers.”



IBuilt Junior Cycling Tour June 2022

## Commonwealth Games success and more

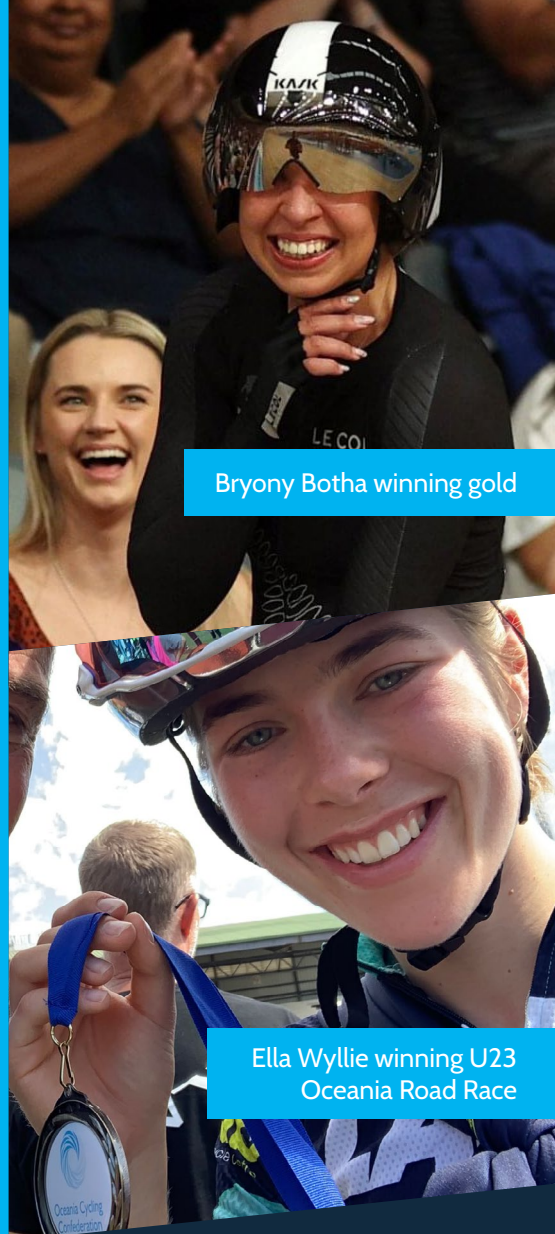
The Commonwealth Games was a great success, and we've seen some incredible results from IBuilt alums.

We were thrilled to see Bryony Botha achieve a silver medal in the Team Pursuit, and then gold – including a Commonwealth record – in the individual event. Bryony rode in IBuilt colours as part of our Category Three team in the Dynamo Events Team Championship, a six-race series ending in May. Bryony is an amazing athlete and a fantastic person – we're very proud to see her succeed on the world stage!

Ella Wyllie, who rode with Bryony in the IBuilt team, is emerging as a promising talent. She won the U23 Oceania Road Race in Brisbane in April this year, and in late July, she placed second in the Team Pursuit at the UCI Nations Cup in Colombia.


We're also incredibly proud of our Operations Manager, Stuart Jones, who rode in the same Dynamo series in Category 5 – his team finished first overall.

An awesome result!




Bryony Botha winning gold

Ella Wyllie winning U23 Oceania Road Race

 Tech Info Line: 0800-022-352

 Phone: +64-9-268 6540

 Email: [sales@nzwoodproducts.co.nz](mailto:sales@nzwoodproducts.co.nz)

 [www.ibuilt.co.nz](http://www.ibuilt.co.nz)

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