

# IBUILT™

Engineered Wood Products

## SUBSTITUTION TABLE FLITCH BEAM TO HYNE BEAM 15C

December 2022

IBuilt's 15C Glulam is the perfect choice for long spanning beams and lintels. Glulam offers a number of benefits over other engineered alternatives that contain steel such as:

Better workability	Supplied in 0.6m increments
Available ex stock	Labour/cost savings
H3.1 Treated	Significant weight advantage

The below Flitch Beam conversion table has been engineered to offer the best performing alternative using 15C Glulam. The size options below are at least as good as the original Flitch Beam in all beam applications.

Performance of the 15C Glulam substitution is subject to the original flitch beam member being designed appropriately.

When depth space is limited in applications such as midfloor beams, 130mm wide Glulam is available also.

15C Glulam Conversion chart:

Flitch beam size	85mm Hyne 15C Glulam	130mm Hyne 15C Glulam
2/140x45 SG8 + 6mm Pl	195 x 85	-
2/190x45 SG8 + 8mm Pl	260 x 85	230 x 130
2/240x45 SG8 + 6mm Pl	260 x 85	230 x 130
2/240x45 SG8 + 8mm Pl	330 x 85	260 x 130
2/290x45 SG8 + 8mm Pl	360 x 85	330 x 130

For additional design applications utilising 15C Glulam download the Hyne Design (HD7) Software from the IBuilt website.

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



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# IBUILT™

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## SUBSTITUTION TABLE LVL 16 TO HYNE BEAM 15C

December 2022

IBuilt's 15C Glulam is the perfect choice for long spanning beams and lintels. IBuilt offers a number of benefits over other engineered alternatives such as:

Available ex stock	Supplied in 0.6m increments
H3.1 Treated	Pre-Cambered as standard

The below LVL 16 conversion table has been engineered to offer the best performing alternative using 15C Glulam. The size options below are at least as good as the original beam in all beam applications.

Performance of the 15C Glulam substitution is subject to the original beam member being designed appropriately.

When depth space is limited in applications such as midfloor beams, 130mm wide Glulam is available also.

15C Glulam Conversion chart:

LVL 16 Size	85mm Hyne 15C Glulam
200 x 90	195 x 85
240 x 90	260 x 85
300 x 90	295 x 85
360 x 90	360 x 85
400 x 90	395 x 85

For additional design applications utilising 15C Glulam download the Hyne Design (HD7) Software from the IBuilt website.

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