



**Bamboo Reinforced Glulam Beams: An Alternative to CFRP Reinforced Glulam Beams**

<https://research.thinkwood.com/en/permalink/catalogue640>

Author: Echavarria, Cesar  
Echavarría, Beatriz  
Cañola, Hernán

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Material: Glulam (Glue-Laminated Timber)

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Stiffness  
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**Summary:**

A research study was undertaken to investigate the mechanical performance of glulam beams reinforced by CFRP or bamboo. Local reinforcement is proposed in order to improve the flexural strength of glulam beams. The glulam beam is strengthened in tension...

Online Access: Free

**Resource Link**

[https://www.researchgate.net/profile/Cesar\\_Echavarria/publication/272068824\\_Bamboo\\_Reinforced\\_Glulam\\_Beams\\_An\\_Alternative\\_to\\_CFRP\\_Reinforced\\_Glulam\\_Beams/links/5501957f0cf24cee39f7e286/Bamboo-Reinforced-Glulam-Beams-An-Alternative-to-CFRP-Reinforced-Glulam-Beams.pdf](https://www.researchgate.net/profile/Cesar_Echavarria/publication/272068824_Bamboo_Reinforced_Glulam_Beams_An_Alternative_to_CFRP_Reinforced_Glulam_Beams/links/5501957f0cf24cee39f7e286/Bamboo-Reinforced-Glulam-Beams-An-Alternative-to-CFRP-Reinforced-Glulam-Beams.pdf)