



KLC Ltd has recently become the first NZ manufacturer of structural grade glulam timber products using Henkel’s Purbond structural grade polyurethane adhesive system.

KLC’s range of 2nd generation structural products leads the way for the future in structural glulam manufacturing in Australasia.

KLC changed to the **Purbond** adhesive system so they can offer a competitively priced, and environmentally responsible range of products to their customers. This also allows them to keep up with the latest 21st Century technology out of Europe, where **Purbond** polyurethane adhesives have been used in structural applications since 1984.

What does this mean for you, the end-user?

All KLC structural finger-jointed and glulam products are AS/NZS Standards Compliant

Structural components made with **Purbond HBS line** adhesives fulfill the requirements for **Type 1 classification of AS / NZS 4364:2010 Timber – Bond performance of structural adhesives**. Products meeting Type I requirements are suitable for use in all Service Classes.

This **GREEN** initiative by **KLC** has extra benefits for **you, the customer**. When you buy **KLC** products made with **Purbond** certified structural adhesives, compare the differences with those made with the old, formaldehyde-based adhesives of the last century.

Purbond-made Products

Feature	Old technology	Purbond	Benefit
Formaldehyde free	No	Yes	Healthy environment
		Yes	No emissions during use
		Yes	Reduced risk in case of fire when burning.
		Yes	No disposal issues at the end of the product lifecycle
Solvent Free	No	Yes	Healthy environment
Clear Glue-line	No	Yes	No ugly dark glue line
			Aesthetically pleasing
			Very similar to natural wood
AS/NZS 4364 compliant	Yes	Yes	Product Safety
Proven Durability	Yes	Yes	Confidence in use
Fire Safe	Yes	Yes	
Heat-resistant	Yes	Yes	

Thank you for choosing KLC new generation structural product