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> builders merchants
> manufacturers of roof trusses & timber mouldings
> specialists in bespoke crafted trusses

Glulam Beams

Features and Benefits

- **Easy to Use**

Beams can be easily cut, nailed, drilled, bolted and notched just as with any timber but with the added advantage of larger sections/higher grades.

- **Fire Resistant**

Because timber has a predictable char rate, Glulam is highly resistant to fire. Unlike steel and concrete, Glulam retains structural integrity and can contribute to lower fire insurance premiums.

- **Superior strength to weight ratio**

Typically an equivalent steel beam may be 20% and a concrete beam as much as 600% heavier. Glulam can produce a much lighter superstructure, saving time and money in foundation construction.

- **Thermal properties**

Timber's natural insulating properties mean a material with a high energy efficiency.

- **Durability**

Modern resin adhesives mean bonds with permanence and a product with a virtually unlimited lifespan.

- **Environmental credentials**

Glulam requires only one sixth of the energy used to make an equivalent steel beam and one fifth of a concrete equivalent. Just as important, manufacture produces none of the pollutants associated with steel and concrete.

- **Chemical resistance**

Timber has a natural resistance to chemical attack, making it the ideal solution for swimming pools, chicken houses etc. where steel might require expensive coatings to resist attack.

- **Cost effective solution**

Due to its flexibility, wide availability of lengths and sections and ease of use, Glulam helps save time and money.

- **Aesthetics**

Naturally attractive, Glulam can be used as a feature to enhance many buildings.