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## Raw Material:

Glulam beams are made of sawn structural timber. These planks, called lamellas, are cut along the grain and then finger jointed and glued together to the required size. The gluing is done with the heartwood facing outwards from the beam in order to prevent cracking when the timber dries and shrinks. Slowly-grown coniferous tree species from the boreal forest zone offer dense wood fibres, which make the material dense and durable. Valmont glulam is manufactured according to Eurocode 5 of strength class GL28h timber. In case of extreme load cases, even higher strength classes can be adopted. On request, we can provide poles manufactured of further enhanced weather-resistant materials to fulfil all the customer demands in extreme conditions.