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bamboo lumber or lbl this material has been looked into as an alternative structural material because of the naturally sustainable and structural qualities of bamboo architects looking to offset the carbon emissions of a building often choose cross laminated timber clt a type of mass timber made from laminated timber sections that can be used breeam infrastructure formerly ceequal is the sustainability assessment rating and awards scheme for civil engineering projects part of bre since 2015 breeam infrastructure operates alongside breeam it promotes and enables the achievement of high environmental and social performance in civil engineering infrastructure landscaping and pdf in recent years cross laminated timber clt has experienced exponential growth internationally fostering substantial awareness and inter est in find read and cite all the research this new ikea store in london was envision s highest scoring breeam building yet reflecting its cutting edge sustainable design and construction view all case studies bre delivers innovative and rigorous products services standards and qualifications to make buildings better for people and the environment parallelogram shaped fins of cross laminated timber clt form a four sided pavilion that contains a small park with a lawn of artificial grass in the middle digital screens set in a cross laminated timber clt fails in the outermost tensile lamina under bending loads or rolling shear failure occurs in the minoir direction lamina this study investigated the effect of lamina width 90 mm 120 mm modulus of elasticity moe and placement of major direction lamina on the shear strength of larix kaempferi carr clt

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