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(57) Abstract :

The present disclosure is directed towards a ply-board comprising: a core comprising a compacted stack of wooden sheets adhered to each other using a cyanoacrylate and/or resorcinol formaldehyde based compound, wherein at least a part of said core being bound by a plastic wire mesh to obtain a mesh bound core; and a face veneer is placed on the mesh bound core. Disclosure is further directed towards a method of production, the method comprising the steps of: (a) stacking a plurality of wooden sheets using a cyanoacrylate and/or resorcinol formaldehyde based compound to obtain a stacked wooden sheet; (b) compacting the stacked wooden sheet to obtain a core; (c) binding at least a part of the core with a plastic wire mesh to obtain a mesh bound core; and (d) placing a face veneer on the mesh bound core and press to obtain a ply-board.

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