

Method for manufacturing wood composites using sugar beet pulp involves the following steps: producing wood chips, drying the chips, mixing the chips with adhesive, mat forming and preforming, and pressing. The mat for manufacturing composites is formed by mixing wood chips with sugar beet pulp particles in a volume ratio of 75:25, 50:50, or 25:75, then pre-compressed and subjected to hot pressing. Polymeric diphenylmethane diisocyanate (pMDI) resin is used as the adhesive.