

Method for manufacturing wood composites with reduced formaldehyde emissions based on lignosulfonates includes the following steps: producing wood chips, drying them, preparing the adhesive, mixing the chips with the adhesive, forming and pre-pressing the mat, and pressing the panels. The adhesive contains melamine-carbamide-formaldehyde resin and a 50% aqueous solution of sodium or magnesium lignosulfonate, with a resin-to-lignosulfonate ratio ranging from 97.5:2.5 to 92.5:7.5 by mass.