

This invention relates to a method for processing wood chips suitable for manufacturing OSB panels. Wood chips are steam-treated without drying immediately after receiving; the steam is passed through the wood chips at a temperature of 80 to 120 °C and under pressure of 0.5 to 2 bar. This invention also relates to a method for manufacturing wood-based OSB panels, specifically wood-based OSB panels with reduced emissions of volatile organic compounds (VOCs), which includes the following steps: a) production of wood chips from suitable logs; b) steaming of at least some of the wood chips; c) drying of the steamed wood chips; d) bonding the steam-treated and dried wood chips and bonding the untreated wood chips using at least one binder; e) spreading the glued wood chips on a conveyor belt; and f) pressing the glued wood chips to form a wood-based OSB panel.