



Particle boards

Particleboard is a composite panel product consisting of cellulosic particles of various sizes that are bonded together with a synthetic resin or binder under heat and pressure. Particle geometry, resin levels, board density and manufacturing processes may be modified to produce products suitable for specific end uses. At the time of manufacture, additives can be incorporated to impart specific performance enhancements including greater dimensional stability, increased fire retardancy and moisture resistance. Various kind of raw materials are being used for particle board manufacturing and out of all largely used are wood or wood wastes from poplar, eucalyptus, pine and other species. Agriculture wastes like sugar cane bagasse are also widely used as a main raw material. Modular furniture industry consumes particle board as major raw material then MDF and Plywood.

Today's particleboard gives industrial users the consistent quality and design flexibility needed for fast, efficient production lines and quality consumer products. Particleboard panels are manufactured in a variety of dimensions and with a wide range of physical properties that provides maximum design flexibility for specifiers and end users.

Indian Particle board manufacturers: Rushil Décor Limited, Star panel, Asis board, Action tesa, Bajaj ecotec, Sillion Jewel, Darshan board lam, Shivdhan boards, Salasar Agro, Kenwood, Ecoboard, Paralam global, GKR boards, Hi tech boards, Gujarat mica, Lavis signature etc..

Global particle board manufacturers: Rafal s. p. a., UFA plywoodmills, Egger panneaux, Forbo, Kronospan, Lopez y pallares, Swedspan, Fritz egger, Akritas, Centro, Danwex, Delux, Falco, Fm buromobel, Glunz, Goliat, Gruppo frati, Gruppo Mauro saviola, Hevea board, JSC Vitebskdrev, Kastamonu entegre AS, Linopan, Panel plus, Pflleiderer AG, Sonae, Pohizek industrija, Prime panels, Rauch spanplattenwerk, SC karina, Spanplattenwerk Gotha, Sobolma Ltda, Steico SA, Subur Tiasa, Transformad, TVIN, Unemsa, Unilin décor, Vente, Friulintagli, Nolte, Asia timber products etc..

Global Particle board plant and technology suppliers: Dieffenbacher, Siempelkamp, Metso, Module system, SWPM, Bino, Binos, Jechen group, Harbin Dongda, Harbin lingzhi, Pallmann, Andritz, China foma, Sufoma, kunming etc..