

ABSTRACT

Disclosed is laminating apparatus capable of suppressing the generation of voids in a resulting laminate and manufacturing a laminate with improved flatness, including a vacuum laminating device 1 and a first flat press laminating device 2. The vacuum laminating device 1 includes a pair of plate blocks 11 and 12, and a base material 104 and resin 106 are pressed between the plate blocks 11 and 12. The plate block 12 which is movable forwardly and backwardly includes an elastic pressing plate 22 and a buffer material 21, and the buffer material 21 has a multi-layer structure comprised of not less than three layers including a fiber layer and a rubber layer. A pressing force against the base material 104 and the resin 106 between the pair of plate blocks 11 and 12 is set in the range of 2.5 to 3.97 MPa per 500 mm square area.

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