

CORRUGATED FIBRE BOARD



Production capacity/annum

Corrugated paper board
3 ply (40" x 60" size) -
16,38,000 Boards per annum

Production process

Two paper reels are run together on corrugating machine. One layer of paper becomes corrugated after passing through the heated fluted rolls and the other is brought in contact with the former having been glued at the tips. These two get pasted together and are wound in rolls. The resulting roll is now known as single face or 2-ply corrugated paper. By cutting this roll with board cutter and glueing the corrugated side on pasting machine, double face or 3rd ply corrugated boards is produced by placing the 3rd ply of paper over it. This board is kept under a sheet-pressing machine for some time for setting of the wet glued sheets. Similarly, board to board can be pasted to form thicker board i.e., 5 ply, 7-ply and 9-ply, etc.

Process flow chart



Machinery & equipment required

- Heavy duty/type high speed single phase corrugating machine 1 No.
- Board cutting machine heavy duty fitted 2 Nos with foot operated dab 1 No.
- Sheet pasting machine size 72" complete with motor and starter 1 No.
- Testing equipment, physical balance meter scales measuring tapes, thickness gauge, etc.
- Sheet pressing machine size 65" x 75" 1 No.

Raw material/consumables required

- Kraft paper in rolls : 70,000 Kgs.
- Glue(search) : 5,500 Kgs.

Utilities required

- Power required (load) : 40 KW.
- Water required : 500 KL per month

Man power required

- Supervisor : 1 No.
- Store-keeper cum clerk : 1 Nos.
- Skilled : 3 Nos.
- Unskilled : 4 Nos.

Area required

- Total Area : 4000 Sq. Mtr.
- Covered Area : 300 Sq. Mtr.

Investment required

- Machinery & Equipment : } ₹ 102.00 Lakhs
- Working Capital for 3 Months : }
- (Raw material, utilities & salary)