

**Technical Specification of
Solid Press Board Sheet (Type 'D')**

Solid Press Board Sheet Type 'D' for Electrical purpose conforming to IS: **1576/1992** or relevant IEC (and any other latest amendments thereafter).

1. Solid Press Board sheet Type 'D'

Length x Width x Thickness- (1000-2000)mm x 1000mm x 1.0mm

2. Solid Press Board sheet Type 'D'

Length x Width x Thickness-(1000-2000)mm x 1000mm x 2.0mm

3. Solid Press Board sheet Type 'D'

Length x Width x Thickness- (1000-2000)mm x 1000mm x 3.0mm

Raw material: Solid Press Board Sheet Type 'D' shall be made from 100 percent wood pulp. The manufacturer shall use the raw material as per IS/IEC. The manufacturer shall produce copy of invoices of raw material (wood pulp) purchased by manufacturer as desired by the inspecting authority at the time of inspection.

Acceptance tests : The manufacturer shall have to produce the invoices and test reports of raw material (wood pulp) used for manufacturing of tendered item, at the time of inspection/testing of material. The Solid Press Board Sheet Type 'D' shall be subjected to the following Acceptance tests in accordance with relevant IS/IEC

Acceptance test required for 1.0 mm

<u>sl no</u>	<u>name of tests</u>
1	Thickness
2	Density
3	Electrical strength
4	Tensile strength
5	Shrinkage
6	Flexibility
7	Oil absorption
8	Machining test
9	Conductivity of aqueous extract
10	PH of aqueous extract
11	Moisture content
12	Mineral ash

Acceptance test required for 2.0 mm& 3.0mm

<u>sl no</u>	<u>name of tests</u>
1	Thickness
2	Density
3	Electrical strength
4	Tensile strength
5	Compressibility in air
6	Compressibility in oil
7	Shrinkage
8	Oil absorption
9	Machining test
10	Conductivity of aqueous extract
11	PH of aqueous extract
12	Moisture content
13	Mineral ash