

## Eco-mark Scheme

---

### **ECOMARK CRITERIA FOR WOOD SUBSTITUTES** (The Gazette of India, Extraordinary, Part II-Section 3(i), No. 170, May 18, 1996)

#### **GENERAL REQUIREMENTS :**

Products manufactured shall meet relevant Indian Standards of BIS (Bureau of Indian Standards) pertaining to safety, quality and performance.

The product manufacturer must produce the consent clearance, as per the provisions of Water (Prevention and Control of Pollution) Act 1974, Water (Prevention and Control of Pollution) Cess Act 1977 and Air (Pollution and Control of Pollution) Act 1981, along with the authorisation if required under Environment (Protection) Act 1986 and rules made thereunder to Bureau of Indian Standards while applying for the ECOMARK appropriate with enforced rules and regulations of the Forest Department.

The product or product packaging may display in brief the criteria based on which the product has been labelled Environment Friendly.

The material used for product packaging shall be recyclable, reusable or biodegradable.

#### **PRODUCT SPECIFIC REQUIREMENTS :**

##### **Substitutes for fuel-wood :**

Briquettes shall be made from agricultural and wood residues (like saw dust) and domestic wastes (like garbage) without synthetic binders, for industrial and domestic use. Such briquettes shall not be manufactured from any wastes material which contain any hazardous constituents as specified under Hazardous Wastes (Management and Handling) Rules, 1989.

**Note:** The manufacturer shall provide documentary evidence by way of certificate or declaration to this effect to Bureau of Indian Standards while applying for Ecomark. Biogas, LPG and natural gases

**Note:** The product container shall be suitably marked that Ecomark label is applicable only to the contents if the product container is not separately covered under Ecomark Scheme. It may be stated that the Ecomark is applicable to the product or product container or both.

## **Substitutes for Wood Building Material**

Building boards generally used as partitioning, panelling, cladding and false-ceiling shall be made from agricultural or industrial wastes (such as Phospho-gypsum, red mud, baggase, cotton stalk, rice-husk, coir fibre, sisal fibre or wood residues etc., or wood from sources other than natural forests or environment friendly plastics as notified separately.

Door and window frames and shutters used in buildings shall be made from agricultural or industrial wastes or wood residues or wood from sources, other than natural forests or ferrocement or building boards specified in 2(ii)(a) above or environment friendly plastic as notified separately or frames made from enforced cement concrete.

**Note:** The manufacturer shall provide documentary evidence by way of certificate or declaration to this effect to Bureau of Indian Standards while applying for Ecomark.

**Note:** Wood from sources other than natural forests include wood from rubber, coconut, cashew, industrial and social forestry plantations etc., and shade trees from tea and coffee estates.

## **Substitutes for Wood in Furniture :**

The furniture (table, chairs and Stool etc.) shall be made from agricultural or industrial wastes or wood residues or wood from sources other than natural forests or building boards specified in 2(ii)(a) above or environment friendly plastics as notified separately.

**The incorporation of the Ecomark requirements, in the following BIS standards, are under process :**

1.	IS 303:1989	Plywood for general purposes
2.	IS 1003(Pt.1): 1991	Timber panelled and glazed shutters : Part 1 Door shutters
3.	IS 1003(Pt.2): 1991	Timber panelled and glazed shutters : Part 2 Window and ventilator shutters
4.	IS 1658:1977	Fibre hardboards
5.	IS 1659:1990	Block boards
6.	IS 1829(Pt.1): 1978	Library furniture and fittings : Part 1 Timber
7.	IS 2095(Pt.1): 1996	Gypsum plaster boards
8.	IS 2095(Pt.3): 1996	Gypsum plaster boards: Part 3 Reinforced Gypsum plaster boards.
9	IS 2191 (Pt 1) · 1983	Wooden flush door shutters (cellular and hollow

9.	IS 2191 (Pt.1) : 1983	Wooden flush door shutters (cellular and hollow core type): Part 1 Plywood face panels
10.	IS 2191 (Pt.2): 1983	Wooden flush door shutters (cellular and hollow core type): Part 2 Particle board and hardboard face panels
11.	IS 2202(Pt.1): 1991	Wooden flush door shutters (solid core type):Part 1 Plywood face panels
12.	IS 2202(Pt.2): 1991	Wooden flush door shutters (solid core type): Part 2 Particle board face panels and hardboard face panels
13.	IS 2849:1983	Specification for non-lead bearing gypsum partition
14.	IS 3129:1985	Low density particle boards
15.	IS 3308:1981	Specification for wood wool building slabs
16.	IS 4021:1995	Timber door, window and ventilator frames
17.	IS 4116:1988	Wooden shelving cabinets (adjustable type)
18.	IS 4126:1986	Wooden wardrobes (adjustable type and non adjustable type)
19.	IS 4414:1990	Specification for wooden table tops
20.	IS 4962:1968	Specification for wooden side sliding doors
21.	IS 4990:1993	Plywood for concrete shuttering work
22.	IS 5509:1980	Fire retardent plywood
23.	IS 5823:1986	Dinning tables
24.	IS 5923:1986	Wooden clothes lockers
25.	IS 5974:1986	Specification for divans and easy chairs
26.	IS 6188:1988	Specification for wooden bedside table
27.	IS 6198:1992	Ledged, braced and battened timber door shutters
28.	IS 6523:1983	Specification for precast reinforced concrete door and window frames
29.	IS 6632:1988	Specification for wooden folding chairs.
30.	IS 7070:1988	Wooden shelving racks(adjustable type and non adjustable)
31.	IS 7259(Pt.1):1988	Specification for wooden beds:Part 1 For use with mattresses
32.	IS 11525:1986	Wooden chairs for office purposes

33.	IS 11679:1986	Wooden tables for office purposes
34.	IS 12680:1989	Wooden sofa-cum-bed
35.	IS 12896:1988	Classification of Indian timbers for doors and window shutters and frames