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SPECIFICATION OF PACKING WOOD FOR DOMESTIC & EXPORT ORDERS

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Record of Revision

Rev. No	Effective Date	Details of Revision
00	08.05.1993	Original Issue
01	30.07.1993	Clause XIII & XIV deleted
02	26.11.2013	Revisited & reviewed for Merge of SPEC PACKWOOD -01 & 03 and Tolerance included for Country wood, Rubber wood & profile wooden block.
03	18.05.2018	Packing wood specification fully reviewed and totally revamped.

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A. DOMESTIC ORDERS

1.0 Scope:

This specification prescribes the requirements for packing wood (Boxes, Scantlings & Battens, Profile Wooden Block) for various types of wood species.

2.0 Wood species:

- a) Fir
- b) Chir
- c) Country wood (Hard wood only)
- d) Mango
- e) Rubber wood- Seasoned and chemically treated rubber wood in converted form (scantlings, boxes/ shooks) intended for packing cases to be stored outside and exposed.
(a, b, c& d do not require chemical treatment)

3.0 General Requirements:

- 1) Sap wood is not acceptable.
- 2) Rubber wood and other soft wood shall be seasoned and chemically treated as per IS 401/Latest.
- 3) The seasoning shall be kiln seasoning as per IS 1141/ Latest.
- 4) For chemical treatment, the preservative chemicals used shall be Copper, Chrome and Boron (CCB) composition at a concentration of 4kg/ per cubic meter of solution.
- 5) Percentage moisture of the wood shall be 50% as seasoned by the method as given in point 3.
- 6) Permissible defects preservation and end coating shall be as per IS 5966/ Latest.
- 7) The chemical penetration shall be 6mm minimum in depth.
- 8) The supplier must fill a TC (format of which is enclosed) and submit it along with the wood supplies without fail.
- 9) Wood supplied without the above mentioned TC will be rejected.
- 10) Supplier must certify the wood species supplied on the TC.
- 11) Planks, Scantlings, Battens shall be free from defects like cracks, bends and knots.

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4.0 Dimensions and its tolerances:

- 4.1 Dimensions shall be as specified in Purchase order.
- 4.2 The dimensional tolerances shall be as follows,

Sl No	Characteristics	Rubber Wood & Country Wood	Chemically treated Country wood
01	Length	± 10mm	± 25mm
02	Width	± 4mm	± 4mm
03	Thickness	± 3mm for thickness up to 30mm ± 4mm thickness above 30mm	± 3mm for thickness up to 30mm ± 5mm thickness above 30mm
04	Bow	± 4mm per 300mm	± 5 mm per 300mm

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B. EXPORT ORDERS

1.0 Definition:

Silver Oak (Grevillea Robusta) conforming to IS 5966 seasoned and treated as per ISPM-15 for export orders of packing case to be stored outside and exposed.

2.0 Species:

Species shall be Silver Oak (Grevillea Robusta)

3.0 Dimensions:

Dimensions and descriptions given by the indenting department will be incorporated in the purchase order.

4.0 Tolerance for Dimension:

Length:	+10mm, -0mm
Width:	+03mm, -0mm
Thickness:	+03mm, -0mm
Bow:	2mm per 300mm length

5.0 Freedom from defects:

- 1) Planks, Scantlings, Battens shall be free from common timber defects like cracks, bends and knots.

6.0 Moisture content:

Moisture content shall be within 15% when tested as per method given in IS 287.

7.0 Special requirement for supply for export orders:

- a) For supplies made for export order, the wood shall be treated to ensure protection from fungi, termites and other organisms.
- b) The process of treatment shall be as per ISPM-15 (International Standards for Phytosanitary Measures ISPM-15 Regulation of wood packaging material in international Trade)

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- e) The supplier shall provide the ISPM treatment certification 2 copies from approved agencies and Test certificate as mentioned below along with the supply.

9.0 Symbol:

The ISPM symbol shall be marked each 500mm of space in all consignments.

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TEST CERTIFICATE FOR PACKING WOOD (Format)

(TO BE SUBMITTED BY WOOD SUPPLIER WITH EVERY BATCH OF SUPPLIES OF PACKING WOOD)

Supplier Name:	STATION:
P.O.NO:	P.O DATE:
D.C.NO:	DC.DATE:
QUANTITY:	CU MTR/BOXES/NOS:

i)	Batten/Scantling/Box (Type whichever is applicable)	
ii)	Chemical seasoning treatment given	CCB/(Specify copper chromate, boric acid etc as actually done)
iii)	Species (Write comml Name & Botanical Name)	
iv)	Sampling plan used	Specify the Standard / IS used
v)	Dimensions of the box / scantling / batten	
vi)	Chemical treatment status a) Bath pressure b) Bath concentration c) Duration of chemical treatment	
vii)	Chemical penetration depth (mm)	

Signature with seal

(For the supplier)

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CERTIFICATE OF COMPLIANCE (Format)

REF:
DATE:
SPECIFICATION REF:
PURCHASE ORDER NO:
ADDENDUM:
DATE:
DELIVERY CHALLAN REF:
TEST CERTIFICATE REF:

SL NO	DESCRIPTION	QTY. IN NOS	VOLUME IN CUBIC METRE
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Certified that the packing wood materials supplied against the above reference confirms to the specification as given in the purchase order/SPEC.

It is also hereby confirmed that the packing materials are chemically treated in accordance with IS 401 (latest) and belongs to the species-----

Signature with seal

(For the Supplier)

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