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## Special Boat Panel Specifications

Our extensive inventory of Douglas-Fir Special Boat Panels are all built to our specifications. They are as follows:

**1) Core Veneers:**

- A) All 100% Fir veneers.
- B) All high grade "C" veneers throughout the panel.
- C) Solid knots are unlimited in the core construction. Open knots are a maximum 3/4" in size.
- D) All veneers dried to 8% moisture content or less during panel manufacturing.
- E) All veneers are balanced to minimize any movement in the panel which allows us to insure the stability of the panel.

**2) Face Veneers:**

- A) Unsanded Panels - C grade (Unlimited 1" open, 1.5" tight knots)
- B) Sanded Panels - All sanded faces (B or CC-PTS) are fully repaired with wood, wood putty, or synthetic repairs. Every panel is sanded on the face and back to maintain balance.

**2) Glueline:** A high quality marine type glue with a minimum resin content of 30%, not the 19% typical with standard marine glues.

**3) Lay-up:**

- A) All veneers are hand laid up or composed to insure a very tight core line with 1/4" maximum core gap.
- B) All panels pass through a computerized blow detector to guard against de-lamination.
- C) Due to the natural characteristics of wood, some warping of panels can occur. To help minimize the effects of these natural tendencies, all panels are built to an allowable warping specification of 1/2" maximum at the time of manufacturing. Certain storage and climatic conditions can affect the flatness of plywood products after manufacturing.

**4) Number of Plies:**

1/4"	- 3-ply	1"	- 9 ply
3/8"	- 3-ply	1 1/8"	- 9 ply
1/2"	- 4 or 5 ply	1 1/4"	- 11 ply
5/8"	- 7-ply	1 1/2"	- 13 ply
3/4"	- 6 or 7-ply	1 3/4"	- 15 ply

**5) A.P.A. Specifications:** Each of our Special Boat Panel items meet or exceed all of the A.P.A. specifications set forth in PS 1-09

**6) Packaging & Labeling:** All units of material are shipped with 3 stringers and 3 straps. All panels are to be stamped "Inland Plywood - Special Boat Panel". This stamp ensures these specifications have been met or exceeded, thereby allowing the user to trust in the quality of the panel.

**7) Warranty:** All Inland Plywood Special Boat Panels are guaranteed against delamination or breakdown of the glue line for the life of the panel.

*"Performance Panels "for the Marine Industry*