

**PS90ALD PANEL Acoustical Panel
Suggested Architectural Specifications**

Acoustical panels shall be PS90ALD panels as manufactured by Panel Solutions, Inc., 100 East Diamond Ave, P.O. Box 11, Hazleton PA 18201, Telephone 800-523-6671. Factory Rep: WIUSA.com PO Box 567949, Dallas, TX 75356, Telephone 800-527-9014.

Prefinished, factory assembled Panel Solutions, Inc. PS90 ALD panels shall consist of a 1-1/8 or 2-1/8 inch fiberglass core. The core shall be composed of 1" or 2" thick fiberglass board with a 1/8" molded fiberglass hardboard laminated to the face creating impact resistance and tackability. The density of the 1" - 2" portion of the core shall be 4 lb/ft³ and the density of the 1/8" hardboard shall be 18 lb/ft³.

Panel components shall have a Glass "A" Flame Spread ratings of 25 or less as determined by ASTM-E-84 Tunnel Test.

Panels shall have a minimum NRG rating of _____ when tested in accordance with ASTM-C-423-81, based on test mounting "A".

In addition, photocopies of the test results from an accredited testing laboratory shall be submitted to the specifier/owner to substantiate that the sound reduction frequencies conform to the criteria as outlined in this specification.

The covering specified shall be PATTERN: _____, COLORWAY: _____. The fabric and/or #5 perforated vinyl wallcovering shall be bonded directly to the extruded aluminum frame, wrapped and adhered to the sides and back of the frame. Fabrication procedures will ensure an aesthetically pleasing surface finish.

The appropriate hardware as determined most suitable by the manufacturer shall be mounted on the back of the panel unless otherwise selected by the specifier.

The manufacturer shall submit sample panel(s) in the specified fabric or vinyl wallcovering illustrating the edge detail and thickness specified, through either the contractor or the manufacturing plant. Manufacturing of panels will not commence without the written approval by the specifier. Shop drawings are available upon request.

SHIPMENT: To avoid damage in transit, panels must be packaged in 275 lb. test double wall corrugated cardboard carton, total weight not to exceed 150 pounds.

INSTALLATION: The contractor shall furnish all labor, materials, services and equipment necessary for, and reasonably incidental to, the installation of the Panel Solutions, Inc. panels as shown on drawings and as specified herein.

WARRANTY: All panel and baffle materials provided and installed within the manufacturer's standards for installation shall be warranted for a period of one (1) year from date of sale against defects to material or specified performance.

For quotation and information call, fax or click WIUSA.com at: USA 800-527-9014, Fax 214-631-4654, E-mail: sales@wiusa.com, or www.wiusa.com/acoustical.

