

Specification for PolyPro Series

PRODUCT: PolyCore Acoustical Panel

SECTION XXXXX – ACOUSTICAL PANELS

PART 1 - GENERAL

1.1 SUBMITTALS

- A. Product Data:
 - I. Manufacturer Specifications and other data needed that provides proof of compliance with specified requirements.
 - II. Include appropriate technical information including test data and maintenance instructions.
- B. Samples:
 - I. Submit 6 inch x 6 inch sample of actual material and color for Architect's selection.
 - II. Submit quantity of _____ samples of each type of acoustical panels as shown on the drawings and in schedules.
- C. Substitutions or changes to this specification will only be permitted by prior approval by the architect.

1.2 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain acoustical panel materials from a single manufacturer. Provide acoustical panels of each type required from one (1) manufacturer, of uniform texture and color.
- B. Installer. Provide evidence of appropriate experience in system installation and that installation method proposed is acceptable to panel manufacturer.

1.3 DELIVERY, STORAGE AND HANDLING

- A. Carefully protect products during shipment, storage and installation.
- B. Deliver materials to job site in unopened packages or crates and store elevated above floor in an enclosed space with proper ventilation and protection from damage.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Lamvin, Inc. (<http://www.lamvin.com>)
4675 North Ave. Oceanside, CA 92056
(800) 446-6329 (Phone)
(760) 806-3200 (Fax)
sales@lamvin.com
- B. Manufacturer substitutions are not permitted

2.2 MATERIALS

- A. Acoustical panels shall be Lamvin's PolyCore Acoustical Wall and/or Ceiling Panels as manufactured by Lamvin, Inc. 4675 North Avenue, Oceanside, CA 92056 | Phone (800) 446-6329, Fax (760) 806-3200.
- B. Flame Spread: Panel shall have a Class I (or A) flame spread and smoke development rating per ASTM E-84.
- C. Acoustical panels shall be constructed of recyclable expanded polypropylene beads in thickness of (circle one) 1" or 2".
- D. Color: Shall be (circle one) White, Charcoal or custom painted
_____ (specify).

- E. Sizes: Shall be 24 inches x 48 inches or as shown on drawings (maximum size is 24" x 48"). Panels are to be manufactured according to field dimensions supplied by the installing contractor. Standard tolerances are $\pm 1/16$ " in width and height.
- F. Edge Profile: Shall be square. Corner detail shall be square or custom _____ (specify).
- G. Acoustical Performance: Panels shall have a minimum NRC .45 for 1" or NRC .70 for 2" in accordance with ASTM C-423 (Type "A" Mounting).
- H. Mounting: Shall be (circle one) Adhesive, Adhesive/Impaling Clip, Lay-in to Standard Grid System or custom _____ (specify).
- I. Extra Materials: Provide 5% additional material for use by owner for building maintenance and repair

PART 3 - EXECUTION

3.1 INSPECTION

- A. Verify dimensions to ensure proper fabrication of materials.
- B. The contractor shall be responsible for the examination and acceptance of all surfaces and conditions prior to the acoustical panel installation.

3.2 INSTALLATION

- A. Installation of acoustical panels shall not begin until all wet work (plastering, concrete, etc.) is completed and dry. Building shall be properly enclosed and under standard occupancy conditions (temperature of 60-85° F and not more than 70% relative humidity) before installation begins.

- B. Install panels in accordance with manufacturer's instructions and approved shop drawings.
- C. Arrange panels symmetrically on each wall, unless otherwise indicated.
- D. Arrange acoustical panels and orientate directional pattern, if any.
- E. Remove panels that are damaged and unacceptable to Architect and replace with new undamaged materials at no expense to owner.
- F. Do not begin installation until unacceptable conditions are corrected.

END OF SECTION XXXXX

To download this specification, please visit <http://www.lamvin.com>