

acouSTIC™ Water-Based Foam Adhesive (PA-02)

Product Information and Installation Guide



pinta acoustic acouSTIC™ PA-02 is a general-purpose water-based adhesive used to bond pinta acoustics' melamine foam products to foam, gypsum, wood or other porous surfaces.

Technical Details

PA-02 is mold and mildew resistant, has zero volatile organic compounds (VOCs), and contributes to LEED EQ Credit 4.1. Shelf life is two years in unopened containers. To ensure the integrity of the adhesive, the work area temperature must be 40°F – 100°F (4°C – 144°C). Protect from freezing.* If frozen, completely thaw prior to use. Passes 5 freeze-thaw cycles. Working time is 15 – 120 minutes, full cure in 24 – 172 hours depending on the environmental conditions.

Preparation

Make certain that smooth, continuous substrate surfaces to which panels will be applied are clean and level. Dust, dirt, residues, contaminants and extreme low or high temperatures can inhibit a strong bond to the substrate or foam; or cause the glue to cure or skin prematurely.

Installation

On gypsum board or similar non-porous surfaces (tubes):

- Cut adhesive tube tips to produce a bead flow of 3/8" (9.5 mm) diameter
- Run a continuous bead of adhesive around the panel's perimeter, approximately 1-1/2" (38 mm) from edges; then apply intermittent beads from opposite corners through the center

of the panel creating an X pattern. (Fig. 1)

- Typical installation requires 0.75–1 ounce of adhesive per 1 square foot (0.09 square meters) of material being adhered.
- 24" x 24" (610 x 610 mm) panels will require 0.33 – 0.5 tubes.
- 24" x 48" (610 x 1219 mm) panels will require 0.5 – 0.66 tubes.
- 48" x 48" (1219 x 1219 mm) panels will require 1 – 1.5 tubes.
- 48" x 96" (1219 x 2438 mm) panels will require 2.5 – 3 tubes.
- Press panels firmly into place. Be sure to apply pressure where the adhesive is located to spread the bead as much as possible.
- Pull the panel away from the surface and allow 30 seconds of open time for the adhesive to develop additional tack.
- Replace the panel into position, applying firm, even pressure to the entire panel. At this time, adhesive tack should be immediate.

On gypsum board, or similar non-porous surfaces (5 gal. pail):

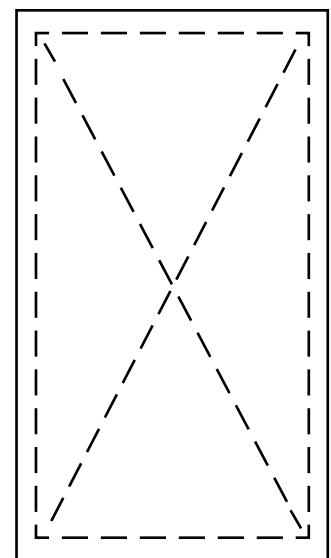
- PA-02 adhesive in pails is slightly thinner and meant to be applied with 3/8" (9.5 mm) nappy rollers or troweled onto surfaces.
- To apply, roll or trowel adhesive to panel and to the surface to be adhered to. Cover the entire surface, leaving 1/2" (8 mm) from the edge of the panel covered.
- When applied to both surfaces, one 5-gallon pail of PA-02 adhesive will cover roughly 240 sq. feet (22.30 sq. meters).
- Firmly press the panel into place. Apply even pressure across the entire surface of the panel.

- Pull the panel away from the surface and allow 30 seconds of open time for adhesive to develop additional tack.
- Replace the panel into position, applying firm, even pressure to the entire panel. At this time, adhesive tack should be immediate.

Limited Warranty

Many jobsite factors beyond pinta acoustic's control can affect the use and performance of its acouSTIC adhesive products. The user is solely responsible for determining which adhesive and application method is best suited for any specific direct-apply, glue-up panel project. pinta warrants that its acouSTIC adhesive products meet their applicable product specifications at the time of sale. pinta acoustic makes no other warranties or guarantees, expressed or implied. If an installation should become problematic, pinta acoustic's sole and exclusive remedy is, at pinta acoustic's option, replacement or refund of the adhesive's purchase price. pinta acoustic recommends a pre-construction mock-up to ensure that any adhesive selected actually produces an immediate tack and strong bond between panels and substrates before complete installation proceeds. Please consult pinta acoustic with any questions prior to the start of your specific project.

Fig. 1



*acouSTIC PA-02 high-strength adhesive is water-based and can freeze. It is pinta acoustic's policy to utilize heated delivery trucks when seasonal temperatures are below freezing (November 1 – May 1).