

Section 09 72 00 Dry Erase Wallcovering

Part 1 – GENERAL

1.1 Summary

A. Section Includes:

1. Dry Erase Wallcovering
2. Accessories

B. Related Sections / Items

1. Section 09250 – Gypsum Board: Wall Substrates
2. Section 09900 – Painting: Preparation and priming of substrate surfaces.
3. Section 09720 – Wallcovering

1.2 References

A. American Society for Testing and Materials (ASTM)

1. E 84-01 Test method for surface burning characteristics of building materials.

B. Gypsum Association

1. GA-14-M-97 Recommended levels of gypsum board.

1.3 Submittals

A. Manufacturer's product data and installation instructions for dry erase wallcovering, adhesive, and accessories required.

B. Manufacturer's written product data indicating compliance with specified materials required.

C. Manufacturer's written installation instructions.

D. Manufacturer's written instructions for recommended maintenance of dry erase wallcovering required.

E. Samples:

1. 7" x 9" samples of each dry erase material required.
2. 6" samples of trim and tray required.

1.4 Quality Assurance

- A. Manufacturer: PBS Supply Dry Erase Wallcovering
- B. Installer: Installation by skilled commercial wallcovering applicators with no less than three years of documented experience installing dry erase wallcovering required.
- C. Composition:
 - 1. PBS Supply Dry Erase Wallcovering: Provide woven, fabric backed, pigmented vinyl laminated with a dry erase clear film.
- D. Fire Hazard Classification: Provide materials that comply with Class A fire rating when tested in accordance with ASTM E84-01. Identify components with markings from testing and inspection organization.
- E. Field Samples: Prepare field samples for architect's review and to establish requirements for seaming and finish trim.
 - 1. Install sample panel of dry erase wallcovering specified in area designated by architect.
 - 2. Maintain corrected and approved samples to serve as a standard of performance for the project.

1.5 Product Delivery, Storage and Handling

- A. Deliver dry erase wallcovering to the project site in unbroken and undamaged original factory wrappings and clearly labeled with the manufacturer's identification label and lot number.
- B. Store materials in a clean, dry storage area with temperature maintained above 55° F with normal humidity.
- C. Store material in a flat position to prevent damage to roll ends. Do not cross stock material. Support material off the floor in a manner to prevent sagging, warping and creasing.

1.6 Project Conditions

- A. Do not apply dry erase wallcoverings when surface and ambient temperatures are outside the temperature ranges required by the manufacturer.
- B. Provide continuous ventilation and heating facilities to maintain substrate surface and ambient temperatures above 55° F unless required otherwise by manufacturer's instructions.

- C. Apply adhesive when substrate surface temperature and ambient temperature is above 55° F and relative humidity is below 40%.
- D. Maintain constant recommended temperature and humidity for at least 72 hours prior to and throughout the installation period, and for 72 hours after wallcovering installation completion.
- E. Provide not less than 80 foot-candles per square foot lighting level minimum measurement and height at substrate surfaces. To be installed by the contractor under final lighting conditions only.

1.7 Warranty

- A. Submit manufacturer's limited ten-year written warranty against manufacturing defects.

1.8 Maintenance

- A. Maintenance instructions: Include precautions against cleaning materials and methods that may be detrimental to finishes and performance

PART 2 – PRODUCTS

2.1 Manufacturers

- A. Wallcoverings: PBS Supply Dry Erase Wallcovering

2.2 Materials

- A. PBS Supply Dry Erase Wallcovering: Smooth, clear, dry erase surface over a polyester material.
 - 1. Writable: 48" wide, smooth, moderate gloss, vinyl surface for dry erase markers
 - 2. Writable + Magnetic: 48" wide, magnetic receptive, moderate gloss, vinyl surface for dry erase markers
 - 3. Writable + Projectable: 48" wide, smooth low gloss vinyl surface for projection and dry erase markers
 - 4. Writable + Magnetic + Projectable: 48" wide, magnetic receptive, low gloss, projectable vinyl surface for dry erase markers

2.3 Accessories

- A. Adhesives: Heavy duty clay-based adhesive, Roman or equal recommended.

- B. Substrate Primer/Sealer: White pigmented acrylic/latex base primer specifically formulated for use with vinyl wallcovering; Roman or equal are recommended.
- C. Aluminum Tray
 - 1. E747 Tray: Clear satin anodized aluminum, blade style with ribbed section, 3" deep with radius corners for markers and erasers. To be mounted below dry erase surface.
 - 2. E747 Magnetic Tray: Clear satin anodized aluminum, blade style with ribbed section, 3" deep with radius corners and magnetic backing: 12" or 18"
(Magnetic Tray for Writable + Magnetic & Writable + Magnetic + Projectable Dry Erase Wallcovering Surfaces Only)
- D. Aluminum Trims
 - 1. E711: Low profile satin anodized aluminum trim with self-adhesive backing for dry erase wallcovering
 - 2. J-Cap: Low profile satin anodized aluminum j-cap trim for dry erase wallcovering

PART 3 -EXECUTION

3.1 Examination

- A. Examine substrates and installation conditions to ensure surface conditions meet a Level 4 wall finish while a Level 5 finish is recommended, GA-14-M-97 Recommended Levels of Gypsum Board Finish.
- B. Test substrates with suitable moisture meter and verify that moisture content does not exceed 5%.
- C. Verify substrate surfaces are clean, dry, smooth, structurally sound and free from surface defects and imperfections that would show through the finished surface.
- D. Evaluate all painted surfaces for the possibility of pigment bleed-through.
- E. Notify the contractor and architect in writing of any conditions detrimental to the proper and timely completion of the installation.
- F. Beginning of installation means acceptance of surface conditions.
- G. Installation over a minimum Level 4 wall surface is necessary.

3.2 Installation

- A. Acclimatize wallcovering to the area of installation a minimum of 24 hours before installation.
- B. Read and follow the instructions in the manufacturer's installation sheet contained in each shipment of the dry erase wallcovering.
- C. Examine all materials for pattern, color, quantity and quality as specified for the correct location prior to cutting.

- D. Adhesive: Use high quality, heavy duty, pre-mixed, strippable clay-based vinyl adhesive recommended for fabric backed vinyl wallcovering; Roman or equal recommended.
- E. Primer: Use a high quality, white-pigmented acrylic/latex base primer specifically formulated for use with vinyl wallcoverings; Roman or equal recommended.
- F. Install each roll in sequence starting from the highest to the lowest number and in exact order as they are cut from the bolt.
- G. Reverse hang alternate strips. Do not crease the wallcovering.
- H. Install dry erase wallcovering horizontally using a level line. Using level or straight edge, double-cut the seam with a new razor or knife.
- I. When covering the entire wall, horizontal seams should be placed outside of the main writing area.
- J. Smooth wallcovering to the hanging surface using a wallcovering smoothing tool wrapped in a clean, soft cloth to eliminate air bubbles, wrinkles, gaps and overlaps. Do not use hard, abrasive or sharp edge smoothing tools. Smooth material on the wall from the middle to the outside edge.
- K. Remove excess adhesive along finished seams immediately after each wallcovering strip is applied. Clean entire surface with warm, clean water and a natural sponge. Rinse thoroughly with water and towel dry. Change water often to maintain water cleanliness.
- L. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

3.3 Clean-Up Completion

- A. Upon completion of installation, wash the wallcovering with Expo cleaning solution. Rinse thoroughly with clean water and towel dry prior to using.
- B. Upon completion of the work, remove surplus materials and any remaining debris.