

Guide Specifications for Designers and Specifiers: This document specifies IdeaPaint™ PRO Clear Dry Erase Coating, and is provided for your use in CSI 3-Part Format. For further assistance, call 617.714.1052, email customerservice@ideapaint.com or visit <http://www.ideapaint.com/installation-and-specs>.



SECTION 099737 / DRY ERASE COATING

(IdeaPaint™ PRO Clear) GENERAL

1. SECTION INCLUDES
 - A. This Section specifies field-applied dry erase coatings including surface preparation and primer.
2. RELATED SECTIONS
 - A. Section 092116 - Gypsum Board Assemblies; gypsum board substrate.
 - B. Section 101100 - Visual Display Surfaces; whiteboard and chalkboard substrates.
3. SUBMITTALS
 - A. Comply with Division 1 Section: Submittals.
 - B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - I. Preparation instructions and recommendations.
 - II. Storage and handling requirements and recommendations.
 - III. Installation methods.
 - C. Maintenance Instructions: Provide precautions against cleaning materials and methods that may be detrimental to finish and performance.
 - D. Samples: Submit verification sample of specified color on manufacturer's standard sample card.
4. QUALITY ASSURANCE
 - A. Fire Performance Characteristics: Comply with fire performance characteristics indicated below. Identify components with markings from testing and inspection organization.
 - I. ASTM E-84 (Fuel Contribution) - Class A, flame spread 0, smoke developed 10.
 - B. Manufacturer Qualifications: Minimum 3 years manufacturing dry erase coatings.
 - C. Mock-ups: Prepare mock-ups for Architect's review and to establish requirements for substrate finish and final coating application, texture and color.
 - I. Install dry erase coatings mock-up in area designated by Architect.
 - II. Correct areas, modify method of application/installation, or adjust finish texture as directed by Architect to comply with specified requirements.
 - III. Maintain mock-ups accessible to serve as a standard of quality for this Section.
 - IV. Accepted mock-ups may remain in place.
5. DELIVERY, STORAGE, AND HANDLING
 - A. Deliver materials in original factory wrappings and containers, clearly labeled with manufacturer, product name, and fire hazard classification.
 - B. Store materials in original undamaged packages and containers inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity. Store at temperatures above 40 degrees F. Do not allow product to freeze.
6. PROJECT CONDITIONS

- A. Maintain ambient temperature not less than 68 deg F minimum and 85 deg F maximum 72 hours prior to beginning of installation.
 - I. Do not install dry erase coatings until the space is enclosed and weatherproof.
 - II. Do not install dry erase coatings until temperature is stabilized and permanent lighting is in place.
- 7. WARRANTY
 - A. Manufacturer's limited lifetime material warranty.
- 8. MANUFACTURER
 - A. Manufacturer: IdeaPaint, 40 Broad Street, 1st Floor, Boston, MA 02109, telephone 617-714-1050, fax 617-714-1078, website www.ideapaint.com.

PRODUCTS

- 1. Dry Erase Coating: IdeaPaint™ PRO Clear, 2-part, solvent-based coating by IdeaPaint, providing a surface suitable for use of dry eraser markers. A. Color: Manufacturer's standard color as follows:
 - I. Color: Clear.
 - B. VOC (EPA Method 24 or ASTM D3960): 275 g/L mixed C. Solids: 68% mixed, 60% Part A and 77% Part B
 - D. Coverage: 1 quart per 50 sf (4.6 sq. m).
 - E. Density (mixed) (ASTM D1475) 8.40 lbs/gal. F. Opacity/Hiding Power (ASTM D2805): NA
 - G. Sag Resistance (ASTM D4400): 2.
 - H. Crack Resistance (ASTM D522): no cracking or peeling, 1/8" bend.
 - I. Finish/Gloss (ASTM D523) on Dry Wall board: I. 20 degrees: 79.2
 - II. 60 degrees: 94.0
 - III. 85 degrees: 98.1
 - J. Scrub Resistance (ASTM D2486): Breakthrough at 4,800 Cycles.
 - K. Stain Removal/Washability (ASTM D3450): >98.65% retention.
 - L. QUV (ASTM D4587) Status after 500 hours:
 - I. White Board: Brightness for White Board QUV = 91.47, DE = 2.66.
Observation: Not as blue, acceptable; performance acceptable.
 - M. Thermal: KCMA ANSI-A161.1-1995 Method 9.2, 26 cycle no cracking observed.
 - N. Flashpoint (open cup) (ASTM D92): 85 degrees F (29.4 C).
 - O. Fire Rating (ASTM E84): Flame Spread Index 0, Smoke Developed Index 10 or Class 1 or Class A.
- 2. **Primer: IdeaPaint Clear Primer, or Kilz Klear. Visit <http://learn.ideapaint.com/preferred-products> for a complete list of primers/topcoats**
- 3. Roller Covers: 9-inch-wide FoamPro roller cover by FoamPro. No substitutions.

EXECUTION

- 1. EXAMINATION
 - A. Examine areas and conditions in which dry erase coatings will be installed.
 - I. Complete finishing operations, including painting, before beginning installation of dry erase coatings.

- II. Wall surfaces to receive dry erase coatings shall be dry and free from dirt, grease, loose paint, and scale.
- III. Do not proceed with installations until unsatisfactory conditions have been corrected.

2. PREPARATION

- A. Surface Preparation: Remove hardware, accessories, plates and similar items to allow dry erase coatings to be installed.
 - I. Repair damaged areas by filling voids with spackle. Sand smooth repaired or textured surfaces. Scuff glossy and non-porous surfaces using medium grit sandpaper. Paint product is a high gloss coating; imperfections and visible seams will telegraph.
 - II. Plaster Surface: Remove surface chalk. In new work use moisture meter to determine moisture content. Do not begin installation when moisture content is greater than five percent.
 - III. Gypsum Board Surface: Provide Level 4 finish per ASTM C840 and GA- 214. Recess nails and screws. Repair irregular tape joints, sand and remove dust.
 - IV. Previously Painted Surface: Remove loose paint or scale. Sand surface of enamel or gloss paint and remove dust with tack cloth or denatured alcohol.
- B. Prime substrate using materials recommended by manufacturer. Prime surface until the color of the existing surface does not show through.
- C. Ventilate area thoroughly to prevent the odor from permeating to other areas in the building. Provide 100 percent outside air ventilation of application areas.

3. APPLICATION

- A. Comply with manufacturers printed installation instructions. Mix components in strict accordance with manufacturer's instructions. Pot life is 1 hour maximum. B. Apply dry erase coating with specified roller only. Comply with the following:
 - I. Apply heavy single coat ONLY. Do not recoat or touch up applied coating.
 - II. Paint surface by working from one end to the other.
 - III. Begin by cutting in the edges of an approximately 2-foot-wide section.
 - IV. Paint 2-foot-wide section, maintaining a wet edge. V. Roll new section into wet edge.
 - VI. Continuously check for skips, holes, and holidays as application progresses.
 - VII. Remove masking tape within 1 hour of painting.
- C. Coating shall cure for a minimum of 7 days after application before use.
- D. Application Rate: Maximum 50 square feet per quart.

4. CLEANING & REPAIR

- A. Daily erasing and cleaning should be done with a standard dry erase eraser, dry cotton cloth, or micro-fiber towel. Be sure to use clean erasers. For periodic and more thorough cleaning use a clean damp cloth or dry erase cleaner or wipes.
- B. If damaged, the original surface should be deglossed by scuffing surface and priming before recoating with IdeaPaint.

5. PROTECTION

- A. Protect installed product and finished surfaces from damage during construction.

END OF SECTION. REV 7/10/18.