

Guide Specifications for Designers and Specifiers: This document specifies IdeaPaint™ CREATE Dry Erase Coating by IdeaPaint, and is provided for your use in CSI 3-Part Format. For further assistance, call 617.714.1052, email us at design@ideapaint.com or visit our website at www.ideapaint.com/design.



SECTION 099737
DRY ERASE COATINGS
(IdeaPaint™ CREATE - Clear)

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. This Section specifies field-applied dry erase coatings.

1.2 RELATED SECTIONS

- A. Section 092116 - Gypsum Board Assemblies; gypsum board substrate.
- B. Section 101100 - Visual Display Surfaces; whiteboard and chalkboard substrates.

1.3 SUBMITTALS

- A. Comply with Division 1 Section: Submittals.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. 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.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 3 years manufacturing dry erase coatings.
- B. Mock-ups: Prepare mock-ups for Architect's review and to establish requirements for substrate finish and final coating application, texture and color.
 - 1. Install dry erase coatings mock-up in area designated by Architect.
 - 2. Correct areas, modify method of application/installation, or adjust finish texture as directed by Architect to comply with specified requirements.
 - 3. Maintain mock-ups accessible to serve as a standard of quality for this Section. 4. Accepted mock-ups may remain in place.

C. Sustainable Design:

1. Indoor Air Quality: Green Certified Product, UL GREENGUARD Gold.
2. USGBC LEED IEQ Credit 4.2 for Low-Emitting Materials - Paints and Coatings
 - a. Compliance achieved using 150 g/l VOC content threshold.
 - b. Provide coating meeting SCAQMD Rule 1113 Section (c)(1) requirements, default limit of 250g/l VOC.
 - c. Compliance achieved using USGBC VOC Budget Methodology for low-emitting materials.

1.5 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.

1.6 PROJECT CONDITIONS

- A. Maintain ambient temperature not less than 50 deg F minimum and 85 deg F maximum 72 hours prior to beginning of installation.
 1. Do not install dry erase coatings unless substrate temperature is above 60 degrees F.
 2. Do not install dry erase coatings until the space is enclosed and weatherproof.
 3. Do not install dry erase coatings until temperature is stabilized and permanent lighting is in place.

1.7 WARRANTY

- A. Warranty: Manufacturer's 10 year limited material warranty.

PART 2 PRODUCTS 2.1

MANUFACTURER

- A. Manufacturer: IdeaPaint, 40 Broad Street, 1st Floor, Boston, MA 02109, telephone 617-714-1050, fax 617-714-1080, website www.ideapaint.com.

2.2 PRODUCTS

- A. Dry Erase Coating: CREATE by IdeaPaint, providing a surface suitable for use of dry erase markers.
 1. Color: Manufacturer's standard color as follows:
 - a. Color: Clear
 2. Fire Rating (ASTM E84): Class A, flame spread index 5, smoke developed index 30.
 3. VOC (EPA Method 24):
 - a. Clear. 21 g/L Part A and B mixed, 25 g/L Part A only, 0 g/L Part B only
 4. Solids (ASTM D2369):
 - a. Clear. 96 percent Part A, 10 percent Part B.
 5. Density (ASTM D1475):
 - a. Clear. 8.82 lbs/gal mixed, 9.39 lbs/gal Part A, 7.88 lbs/gal Part B.

6. Sag Resistance (ASTM D4400 Method 6.5.6):
 - b. Clear. 2mils.
 7. Flow and Leveling (ASTM D2801):
 - c. Clear. 2
 8. Crack Resistance (ASTM D522):
 - d. Clear. 1/8 inch.
 9. Finish/Gloss (ASTM D523) on Leneta Card – White Background:
 - e. Clear.
 - 1) 20 degrees: 81.
 - 2) 60 degrees: 91.
 - 3) 85 degrees: 95.
 10. Scrub Resistance (ASTM D2486):
 - f. Clear. Greater than 10,000 scrub cycles
 11. Stain Removal/Washability (ASTM D3450):
 - g. Clear. 92%
 12. Flashpoint (ASTM D92 Open Cup):
 - a. Greater than or equal to 200 degrees F as mixed, or each part separately.
 13. QUV (following 500 hours of exposure, samples prepared on Kilz primed drywall)
Control panel: L = 14.14, a = 12.84, b = -42.24. Test panel: L = 16.71, a = 11.32, b = -40.41.:
 - h. Clear. Delta E = 2.77.
 14. Chemistry Type: A Bisphenol-A (BPA) free epoxy based coating.
- B. Latex Paint: Use high quality non-flat latex topcoat if a new color surface is preferred prior to applying IdeaPaint CREATE CLEAR.
- C. Roller Covers: Provided by manufacturer. No substitutions.

PART 3 EXECUTION 3.1

EXAMINATION

- A. Examine areas and conditions in which dry erase coatings will be installed.
 1. Complete finishing operations, including painting, before beginning installation of dry erase coatings.
 2. Wall surfaces to receive dry erase coatings shall be dry and free from dirt, grease, loose paint, and scale.
 3. Do not proceed with installations until unsatisfactory conditions have been corrected.

3.2 SURFACE PREPARATION

- A. Clear.
 1. Remove hardware, accessories, plates and similar items to allow dry erase coatings to be installed.
 2. Inspect to make certain surface is acceptable and then wipe all dust. Paint product is a high gloss coating; imperfections and visible seams will telegraph.
 3. Paint (if applicable): If changing surface color, apply preferred latex paint color to a dry, clean primed surface. Sherwin Williams SuperPaint ® recommended for all- in-one primer and paint products. Allow latex top coat to dry for at least 24 hours prior to applying IdeaPaint CREATE CLEAR.
 4. Clean: Wipe surface with a clean, damp cloth to remove dust and environmental debris. Allow surface to completely dry.

5. Ventilate area thoroughly to aid in curing process and to dissipate mild odor. Allow a high percentage of outside air into current ventilation.

3.3 APPLICATION

- D. Comply with manufacturers printed installation instructions. Mix components in strict accordance with manufacturer's instructions. Pot life is 1 hour maximum.
- E. Apply dry erase coating with specified roller only. Comply with the following:
 1. Apply heavy single coat only, using method as described. Do not recoat or touch up applied coating once 15 minute return time has passed.
 2. Divide your entire planned surface into areas up to 50 SQFT.
 3. Use a 4 inch foam roller to cut in all edges and light switches within the current area.
 4. Visually divide your 50 SQFT section in half, so that you are working in two 25 SQFT sections.
 5. Using the included 9 inch roller, apply to the top half of your first 25 SQFT section using up and down strokes until the section is coated.
 6. Once this section is complete, roll the full length of the wall to cover the entire 25 SQFT section.
 7. Reloading the roller, repeat this process for the next 25 SQFT section.
 8. Wet your roller from the paint tray and roll through the entire 50 SQFT area to ensure that the two 25 SQFT sections are blended. Only roll up and down full lengths of the wall.
 9. Watch for roller marks, drip marks, debris and missed spots. In order to eliminate these, re-roll these areas as they occur using light pressure.
 10. Do not wait more than 15 minutes to perform "touch-ups" or re-roll an area.
 11. Repeat this entire process in 50 SQFT sections until your wall is painted. Replace the roller cover after every 200 SQFT of product applied.
 12. Remove masking tape within 1 hour of painting.
- F. Dry erase coating may be applied directly onto clean, dry, smooth surfaces which are:
 1. A finished drywall surface
 2. A high quality non-flat latex paint topcoat
 3. Contact IdeaPaint for information on application onto alternative substrates
- G. Coating shall cure for a minimum of 7 days after application before use.
- H. Application Rate: 4 mils wet film thickness as measured with a wet film gauge; maximum 50 square feet per quart or 200 square feet per gallon.

3.4 CLEANING AND MAINTENANCE

- I. Regular erasing and cleaning should be done with a standard dry erase eraser or a dry microfiber towel. For more thorough cleaning, a damp microfiber towel may be used or IdeaPaint Cleaner. If damaged, the original surface shall be deglossed by sanding surface and priming before recoating.

3.5 PROTECTION

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

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END OF SECTION