# PART 1 - GENERAL

## 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 and 01 Specification Sections, apply to this Section.

## 1.2 SUMMARY

A. Section includes field-applied dry-erase coatings including surface preparation and primer.

B. Related Requirements:
1. Section 018113 “Sustainable Design Requirements.”
2. Section 092900 “Gypsum Board” for substrate.

## 1.3 ACTION SUBMITTALS

A. 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.

B. LEED Submittals: Credit EQc4.1. Refer to Section 018113 “Sustainable Design Requirements” for additional submittal requirements.

C. Shop Drawings: Show location and extent of each dry-erase coating.

D. Samples: Submit verification sample of specified color on manufacturer’s standard sample card.

## 1.4 INFORMATIONAL SUBMITTALS

A. Qualifications Data: Manufacturer.

## 1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For dry-erase coating to include in maintenance manuals. Provide precautions against cleaning materials and methods that may be detrimental to finish and performance.

## 1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: Minimum 3 years manufacturing dry-erase coatings.

B. Fire Performance Characteristics: Comply with fire performance characteristics indicated below. Identify components with markings from testing and inspection organization.
1. ASTM E-84 (Fuel Contribution) - Class A, flame spread 5, smoke developed 0.

C. Dry-erase coating, including primers, VOC content shall meet current South Coast Air Quality Management district and CalGreen requirements.

D. Mockups: 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. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
   4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 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.

1.8 PROJECT CONDITIONS

A. Maintain ambient temperature not less than 50 deg F minimum and not greater than 85 deg F maximum 72 hours prior to beginning of installation.
   1. Ambient temperature should not be less than 50 deg F during installation and cure period.
   2. Do not install dry-erase coatings until the space is enclosed and weatherproof.

1.9 Do not install dry-erase coatings until temperature is stabilized and permanent lighting is in place.

1.10 WARRANTY

A. Special Warranty: Manufacturer agrees to replace coatings that fail in materials or workmanship within specified warranty period.
   1. Warranty Period for Dry-Erase Coatings: Five-year minimum warranty.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Dry Erase Coating: High-solid coating providing a surface suitable for use of dry-eraser markers.
   1. Products: Subject to compliance with requirements, provide the following:
      a. IdeaPaint CREATE.
      b. Tri-kes Source One Dry Erase Coating
      c. Tex-Cote Professional Eraser-Cote.
      d. Rust-oleum Dry Erase Paint.
      e. Or Equal.
   2. Color: White.
   3. Fire Rating (ASTM E84): Flame 5, Smoke 0 or Class 1 or Class A.

B. Primer: Latex, stain blocking type, non-tinted as recommended by coating manufacturer.

C. Roller Covers: Install with roller covers as approved by coatings manufacturer.

D. Dry-erase coating, including primers, VOC content shall meet current local Air Quality Management district and LEED requirements.

E. LEED Materials: Credit EQc4.1. Refer to Section 018113 “Sustainable Design Requirements” for additional material requirements.

## 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 PREPERATION

A. Surface Preparation: Remove hardware, accessories, plates and similar items to allow dry-erase coatings to be installed.
   1. 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.
   2. 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.

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 to minimize odors in building.

### 3.3 APPLICATION

A. Comply with manufacturers printed installation instructions. Mix components in strict accordance with manufacturer’s instructions. Pot life is 1 hour maximum or as indicated by manufacturer.

B. Apply dry-erase coating with specified roller only. Comply with the following:
   1. Apply heavy single coat ONLY. Do not recoat or touch up applied coating.
   2. Paint surface by working from one end to the other.
   3. Begin by cutting in the edges of an approximately 2 foot wide section.
   4. Paint 2 foot wide section, maintaining a wet edge.
   5. Roll new section into wet edge.
   6. Continuously check for skips, holes, and holidays as application progresses.

7. Remove masking tape when surface is dry.

C. Coating shall cure for a minimum of 7 days after application before use.

D. Application Rate: Maximum 50 square feet per quart.

3.4 CLEANING AND 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 dry-erase coating.

3.5 PROTECTION

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

END OF SECTION