

SECTION 09 97 35

SNAP One-Part Clear Dry Erase Clear Coating

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. **General:** Drawings and general provisions of the Contract, including General Conditions, Division 1 - GENERAL REQUIREMENTS, and other applicable specification sections in the Project Manual apply to the work specified in this Section.

1.2 SUMMARY

- A. **Scope:** Provide labor, material, equipment, related services, and supervision required, including, but not limited to, manufacturing and application for SNAP One-Part Clear dry-erase coatings as required for the complete performance of the work, and as shown on the Drawings and as herein specified.

PRODUCT BELOW IS EXTREMELY DURABLE AND WILL HANDLE YEARS OF USE. IT IS DESIGNED FOR MEETING ROOMS, BRAIN-STORMING AREAS, CONFERENCE CENTERS, ETC., FOUND IN SCHOOLS, HOSPITALS, RESTAURANTS, ENTERTAINMENT FACILITIES, ETC., WHERE A DRY-ERASE SURFACE CAN BE USED.

- B. **Section Includes:** The work specified in this Section includes, but shall not be limited to, a clear one-part coating for interior walls that is specially formulated to work as a dry-erase paint.

1.3 REFERENCES

- A. **General:** The publications listed below form a part of this Specification to the extent referenced. The publications are referred to in the text by the basic designation only. The edition/revision of the referenced publications shall be the latest date as of the date of the Contract Documents, unless otherwise specified.
- B. **Gypsum Association (GA):**
 - 1. GA 214, "Recommended Specification: Levels of Gypsum Board Finish."
- C. **ASTM (ASTM):**
 - 1. ASTM D 2486, "Standard Test Method for Scrub Resistance of Interior Latex Flat Wall Paints."
 - 2. ASTM E 84, "Standard Test Method for Surface Burning Characteristics of Building Materials."
- D. **South Coast Air Quality Management District (SCAQMD):**
 - 1. SCAQMD Rule #1113, VOC less than 50 g / l.

1.4 SUBMITTALS

- A. **General:** See Section 01 33 00 - SUBMITTAL PROCEDURES.
- B. **Product Data:** Submit product data showing material proposed. Submit sufficient information to determine compliance with the Drawings and Specifications.
- C. **Quality Control Submittals:**
 - 1. **Qualification Data:** Submit qualification data for firms and persons specified in Quality Assurance Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names of architects and owners, and other information specified.

2. **Test Reports:** Submit product test reports from a qualified independent inspecting and testing agency showing compliance of one-part, clear dry-erase coatings with requirements, based on comprehensive testing of current product formulations within the last two years.

RETAIN BELOW FOR PROJECT REQUIRING LEED CERTIFICATION.

- D. **LEED Submittals:** Submittals that are required to comply with requirements for LEED certification include, but shall not be limited to, the following:
 1. **Low-Emitting Materials:** Submit certification by the manufacturer confirming that products (i.e., adhesives, sealants, paints, coatings, etc.) meet or exceed the volatile organic compound (VOC) limits set by specific agencies or other requirements as outlined in Section 01 11 23 - LEED GREEN BUILDING RATING SYSTEM. VOC limits shall be clearly stated in the submittal.
- E. **Maintenance Data:** Submit maintenance data for one-part, clear dry-erase coatings to include in operation and maintenance manuals specified in Division 1 - GENERAL REQUIREMENTS.

1.5 QUALITY ASSURANCE

- A. **Qualifications:**
 1. **Manufacturer Qualifications:** Manufacturer shall be a firm engaged in the manufacture of one-part clear coatings of type required, and whose products have been in satisfactory use in similar service for a minimum of five years.
 2. **Applicator Qualifications:** Applicator shall be a firm that shall have a minimum of five years of successful application experience with projects utilizing clear coatings similar in type and scope to that required for this Project.
- B. **Regulatory Requirements:** Comply with applicable requirements of the laws, codes, ordinances, and regulations of Federal, State, and local authorities having jurisdiction. Obtain necessary approvals from such authorities.
- C. **Mock-Ups:** Prior to application of the work, fabricate and erect mock-ups for each type of finish and application required to demonstrate aesthetic effects as well as qualities of materials and execution. Build mock-ups to comply with the following requirements, using materials indicated for final unit of work. Locate mock-ups on site in location and of size indicated or, if not indicated, as directed by the Architect. Demonstrate the proposed range of aesthetic effects and workmanship to be expected in the completed work. Obtain the Architect's acceptance of mock-ups before start of final unit of work. Retain and maintain mock-ups during construction in undisturbed condition as a standard for judging completed unit of work.
 1. When directed, demolish and remove mock-ups from the Project site.

SELECT ABOVE OR BELOW.

2. Accepted mock-ups in undisturbed condition at time of Substantial Completion may become part of completed unit of work.
- D. **Pre-Application Conference:** Conduct pre-application conference in accordance with Section 01 31 19 - PROJECT MEETINGS. Prior to commencing the application, meet at the Project site to review the material selections, application procedures, and coordination with other trades. Mock-ups shall be reviewed during the pre-application conference. Pre-application conference shall include, but shall not be limited to, the Contractor, the Applicator, manufacturer's representatives, and any trade that requires coordination with the work. Date and time of the pre-application conference shall be acceptable to the Owner and the Architect.

1.6 DELIVERY AND STORAGE

- A. **Delivery:** Deliver materials to the Project site in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, and lot number, if any.
- B. **Storage:** Store materials in their original, undamaged packages and containers, inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.

1.7 PROJECT CONDITIONS

- A. **Environmental Requirements:** Do not apply one-part clear dry-erase coating until space is enclosed and weatherproof, wet work in space is completed and nominally dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.

PART 2 - PRODUCTS

2.1 MATERIALS

RETAIN BELOW FOR PROJECT REQUIRING LEED CERTIFICATION.

- A. **LEED Requirements:**
 - 1. **Low-Emitting Materials:** Use adhesives, sealants, paints, coatings, etc., that comply with the specified limits for VOC content when calculated according to SCAQMD Rule #1113. See Section 01 11 23 - LEED GREEN BUILDING RATING SYSTEM for VOC content limits.
- B. **One-Part, Clear Dry-Erase Coating:** Provide VOC-compliant, clear, polyurethane dry-erase coating, capable of being applied over specified base coating.
 - 1. **Technical Information and Test Results**
 - a. **Suitable Substrates:** Gypsum board, smooth-sealed wood, previously painted surfaces, and others in accordance with the manufacturer's recommendations.
 - b. **Colors Available:** Unlimited. Clear coating applied over any color specified.
 - c. **Coverage Rate:** Approximately 200 square feet per quart kit or 100 square feet per pint kit.
 - d. **Finish:** Gloss 60 degree 50 - 60 ASTM D523
 - e. **Maximum VOC:** Less than 50 grams per liter. ASTM D3960
 - f. **Fire Rating:** Class A or Class I, ASTM E 84.
 - g. **Scrub Resistance:** 15,000 + scrub cycles, ASTM D 2486.
 - h. **Stain Removal:** Excellent rating.
 - 2. **Basis of Design:** Product specified is SNAP One-Part, Clear Dry Erase Clear Coating as manufactured by Specified Solutions, Inc.. Items specified are to establish a standard of quality for design, function, materials, and appearance. Equivalent products by other manufacturers are acceptable. The Architect will be the sole judge of the basis of what is equivalent.
- C. **Accessories:** Provide accessories as recommended by the manufacturer, including, but not limited to, the following:
 - 1. **Markers:** Expo Bullet Tip / Low Odor Dry Erase Markers.
 - 2. **Cleaner/Wipes:** Micro Fiber Cloth or Sponge Eraser.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. **Verification of Conditions:** Examine areas and conditions under which the work is to be applied, and notify the Contractor in writing, with a copy to the Owner and the Architect, of any conditions

detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.

1. Beginning of the work shall indicate acceptance of the areas and conditions as satisfactory by the Applicator.

3.2 PREPARATION

- A. **Product Preparation:** Gloves and goggles shall be worn when preparing and applying paint. Thinning is not required for brush or roller application.
- B. **Surface Preparation:** Primer/sealers and base coats may be brushed, rolled, or sprayed. ROLLED with a quality 3/8" nap roller cover application is preferred in order to provide the smoothest surface for the application of the clear dry-erase coating.
 1. **All surfaces:** Prepare to an ultra smooth surface for best results. For all wall surfaces, apply a water-based, universal paint primer like Kilz, followed by a base coat of premium quality PAINT + PRIMER IN ONE latex paint. Ensure uniform color across surface.

3.3 APPLICATION

- A. **Required Materials:** Required materials include, but shall not be limited to, (1) 3/8" nap roller cover for application of base paint, (1) 9"- Tiz Foam roller cover (supplied in Kit), a 9" cage roller frame, aluminum painters tray and plastic liner, and low tack painters tape.
- B. **Preparation:** As with any clear finish, imperfections in the surface will be enhanced by product application. The smoother the surface, the more effective the finish will be. Carefully spackle holes and sand any rough patches to a Level 5 smoothness. Dull glossy surfaces with 120 grit sandpaper and remove dirt and dust before applying base coat. Improper surface preparation may cause bubbles to form in the coating. Carefully mask the surrounding areas with painters tape. Coating dries quickly so the tape shall be removed while the finish is still wet. Any material that gets under the tape shall be removed with a damp rag.
- C. **Application:** Pour SNAP One-Part Dry Erase Clear Coating into a clean plastic roller tray and apply with the provided 9" - Tiz Foam roller cover keeping a wet edge. Apply slowly - with even pressure - to avoid creating excess bubbles and pinholes. To avoid roller marks cut in only as far as you can roll before the cut in dries. Do not apply below 55° (humidity CAN effect application). When rolling, SNAP One-Part Dry Erase Clear Coating MUST be applied with the provided 9" – Tiz Foam roller cover. DO NOT SPRAY. Consult MSDS for warnings regarding adequate ventilation and handling when applying this paint.
- D.
 1. **Dry Time:** Coating has a workable open time, so the coating can continue to be worked as needed to spread evenly. Dry to the touch in 12 hours.
 2. **Curing:** Allow coating to cure for three days before using new dry-erase surface. After full cure wipe dry erase surface to remove dust and debris.
 3. **Coverage:** 200 square feet per quart kit or 100 square feet per pint kit.

3.4 ADJUSTING AND CLEANING

- A. **Clean-Up:** Dispose of roller cover. Clean equipment immediately after application with paint thinner and disposable rag. Do not flush waste material into any drain.
- B. **Disposal:** Product contains no chromium, lead, or mercury. Disposal of containers shall be in accordance with applicable federal, state and local laws and regulations. Comply with requirements of authorities having jurisdiction concerning reuse, recycling, or disposal of unused product.
- C. **Maintenance:** Clean SNAP One-Part Dry Erase Clear Coating dry erase surface as needed.

3.5 PROTECTION

- A. **General:** Provide final protection and maintain conditions in a manner acceptable to the applicator, that shall ensure that the SNAP one-part clear dry-erase coated surface shall be without damage at time of Substantial Completion.

END OF SECTION