

**SECTION 09720
PRESENTATION DRY ERASE WALLCOVERING**

PART 1 - GENERAL

1.1 SUMMARY

EDIT ITEMS NOT INCLUDED IN THE PROJECT
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- A. Section Includes:
 - 1. Dry erase wallcovering.
 - 2. Magnetic receptive dry erase wallcovering.
 - 3. Projection dry erase wallcovering.
 - 4. Dry erase wallcovering with grid.
 - 5. Dry erase wallcovering with lines.
 - 6. Adhesive backed dry erase wallcovering.
 - 7. Pigmented dry erase wallcovering.
 - 8. Tray, trim, & presentation rails.
 - 9. Accessories.

- B. Related Sections/Items:
 - 1. Section 16500 - Lighting: Permanent during installation.
 - 2. Section 09250 - Gypsum Board: Wall substrates.
 - 3. Section 09900 - Painting: Preparation and priming of substrate surfaces.
 - 4. Section 09950 - Fabric backed vinyl wallcovering.
 - 5. Section 10100 - Marker boards and chalkboards.

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - E 84-91a Test Method for Surface Burning Characteristics of Building Materials.

- B. Gypsum Association
 - GA-14-M-97 Recommended Levels of Gypsum Board.

1.3 SUBMITTALS

- A. Manufacturer's product data and installation instructions for each type of 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 each type of dry erase wallcovering required.
- E. Samples:
 - 1. 7 inch by 9 inch samples of each dry erase material required.
 - 2. 6 inch samples of trim, tray and end caps required.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Provide each type of dry erase wallcovering required produced by one manufacturer.

- B. Applicator: Installation by skilled commercial wallcovering applicators with no less than three years of documented experience installing dry erase wallcovering of the types and extent required.

SELECT ONE OR MORE OF THE FOLLOWING PRODUCTS

- C. Composition:
1. **nu·vu·rite™**: Provide non-woven polyester cellulose backing, pigmented vinyl capped with fluoropolymer dry erase non-glare film, and heat embossed with a bi-directional lenticular pattern.
 2. **erase·rite®**: Provide specify non-woven polyester-cellulose or self-adhesive backing, pigmented vinyl capped with fluoropolymer dry erase non-glare film.
 3. **mag·rite® II**: Provide polyester scrim backed, ferrous powder, pigmented vinyl capped with fluoropolymer dry erase film.
 4. **just·rite® grid**: Provide polyester scrim-backed, pigmented vinyl printed with light grid lines capped with fluoropolymer dry erase film.
 5. **just·rite®**: Provide polyester scrim backing, pigmented vinyl capped with fluoropolymer dry erase film.
 6. **ez·rite®**: Provide specify non-woven polyester-cellulose or self-adhesive backing, pigmented vinyl capped with fluoropolymer dry erase film.
 7. **koro·rite®**: Provide non-woven polyester cellulose backing, pigmented vinyl capped with fluoropolymer dry erase film.
 8. **design·rite®**: Provide non-woven polyester cellulose backing, pigmented vinyl with a design print capped with fluoropolymer dry erase film.
 9. **koro·rite® metallics**: Provide non-woven polyester cellulose backing, pigmented vinyl with a metallic print capped with fluoropolymer dry erase film.
 10. **learn·rite™**: Provide non-woven polyester cellulose backing, pigmented vinyl printed with light colored lines capped with fluoropolymer dry erase film.
 11. **line·rite™**: Provide non-woven polyester cellulose backing, pigmented vinyl printed with light colored lines capped with fluoropolymer dry erase film.
 12. **mag·line™**: Provide polyester scrim backed, ferrous powder, pigmented vinyl printed with light colored lines capped with fluoropolymer dry erase film.
 13. **mag·rite® II grid**: Provide polyester scrim backed, ferrous powder, pigmented vinyl printed with light grid lines capped with fluoropolymer dry erase film.
- D. Fire Hazard Classification: Provide materials that comply with NFPA Class A fire rating when tested in accordance with ASTM E84 using GRC Board as substrate. mag·rite II & mag·rite II grid: Class A, and mag·line: Class B Identify components with markings from testing and inspection organization.
- E. Field Samples: Prepare field samples for Architect's review and establish requirements for seaming and finish trim.
1. Install sample panel of each type presentation 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 presentation wallcoverings to the project site in unbroken and undamaged original factory wrappings and clearly labeled with the manufacturer's identification label, quality or grade, and lot number.
- F. Store materials in a clean, dry storage area with temperature maintained above 55° F (13° C) with normal humidity.

G. Store material within original packaging to prevent damage to roll(s).

1.6 PROJECT CONDITIONS

- A. Do not apply presentation wallcoverings when surface and ambient temperatures are outside the temperature ranges required by the wallcovering 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 measured mid-height at substrate surfaces.

1.7 WARRANTY

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

1.8 MAINTENANCE

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

PART 2 - PRODUCTS

2.1 MANUFACTURER

Wallcoverings: Walltalkers Wallcoverings manufactured by RJF International Corporation, Fairlawn, Ohio, and distributed by _____.
Contact sales representative _____ at _____.

2.2 MATERIALS

SELECT ONE OR MORE OF THE FOLLOWING PRODUCTS
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- A. **Walltalkers nu·vu·rite**: Patented bi-directional lenticular embossed vinyl surface for projection and dry erase markers. Patent # 5,361,164.
 - 1. NV50: 50 inch width, 18 ounces per square yard, non-woven backing.
 - 2. NV60: 60 inch width, 18 ounces per square yard, non-woven backing.
- B. **Walltalkers erase·rite**: Smooth low gloss vinyl surface for projection and dry erase markers.
 - 1. ER50: 50 inch width, 18 ounces per square yard, non-woven backing.
 - 2. ER60: 60 inch width, 18 ounces per square yard, non-woven backing.
 - 3. EA50: 50 inch width, 18 ounces per square yard, self-adhesive backing.
- C. **Walltalkers mag·rite II**: Magnetic receptive, moderate gloss vinyl surface for dry erase markers.
 - M248: 48 inch width, 39 ounces per square yard, woven backing.
- D. **Walltalkers just·rite**: Moderate gloss vinyl surface for dry erase markers.
 - 1. JR48: 48 inch width, 21 ounce per square yard, woven backing.
 - 2. JR60: 60 inch width, 21 ounce per square yard, woven backing.

3. JRGR: 2 X 2 inch grid, 48 inch width, 23 ounce per square yard, woven backing.
- E. **Walltalkers ez·rite**: Smooth gloss vinyl surface for dry erase markers.
 1. ZA50: 50 inch width, 11 ounces per square yard, self-adhesive backing.
 2. ZP50: 50 inch width, 11 ounces per square yard, non-woven backing.
- F. **Walltalkers koro·rite**: Pigmented gloss vinyl surface for dry erase markers.
Patent # 6,251,500
 - KR60: 60 inch, 18 ounce per square yard, non-woven backing, specify color.
- G. **Walltalkers design·rite**: Gloss vinyl surface for dry erase markers. Patent # 6,251,500
 1. G354: 54 inch, 15 ounces per square yard, non-woven backing, specify color.
 2. M654: 54 inch, 15 ounces per square yard, non-woven backing, specify color.
 3. K354: 54 inch, 15 ounces per square yard, non-woven backing, specify color.
 4. C354: 54 inch, 15 ounces per square yard, non-woven backing, specify color.
 5. 5154: 54 inch, 15 ounces per square yard, non-woven backing.
 6. LA54: 54 inch, 15 ounces per square yard, non-woven backing.
- H. **Walltalkers koro·rite metallics**: Pigmented gloss vinyl surface for dry erase markers.
Patent # 6,251,500
 - KR54: 54 inch, 16 ounces per square yard, non-woven backing, specify color.
- I. **Walltalkers learn·rite**: Pigmented gloss vinyl surface for dry erase markers.
Patent # 6,251,500
 - L150: Continuous light pink, dashed light aqua, and continuous light aqua lines repeating, 50 inch, 11 ounces per square yard, non-woven backing.
- J. **Walltalkers line·rite**: Pigmented gloss vinyl surface for dry erase markers.
Patent # 6,251,500
 - L250: Continuous light gray lines repeating, 50 inch, 11 ounces per square yard, non-woven backing.
- K. **Walltalkers mag·line**: Magnetic receptive, moderate gloss vinyl surface for dry erase markers.
 - ML48: Continuous light gray lines repeating, white vinyl, 48 inch width, 37 ounces per square yard, woven backing.
- L. **Walltalkers mag·rite II grid**: Magnetic receptive, moderate gloss vinyl surface for dry erase markers.
 - M2GR: 2 X 2 inch grid, 48 inch width, 39 ounces per square yard, woven backing.

2.3 TRIM, TRAY, AND PRESENTATION RAILS

- A. Aluminum Tray:
 1. ACT1-00: Clear satin, anodized aluminum, snap-on marker and eraser tray with clips.
 2. ACT1-99: Black anodized aluminum, snap-on marker and eraser tray with clips.
- B. Aluminum Trim:
 1. AT01-00: Clear satin, anodized aluminum, snap-on trim with clips.
 2. AT01-99: Black anodized aluminum, snap-on trim with clips.
- C. End Caps:
 1. ET02-00: ¼ inch box tray end cap for marker and eraser tray.
 2. ET02-99: Black ¼ inch box tray end cap for marker and eraser tray.
 3. ET03-00: 1/2 inch anodized tray end cap for marker and eraser tray.
 4. ET03-99: 1/2 inch Black anodized box tray end cap for marker and eraser tray.
- H. Presentation Tray:
 1. ATT1-66: Clear satin, anodized aluminum marker and eraser tray, with suntan **tac·wall**^a insert.
 2. ATT1-82: Clear satin, anodized aluminum marker and eraser tray, with quarry **tac·wall** insert.

3. ATT1-85: Clear satin, anodized aluminum marker and eraser tray, with deep blue **tac-wall** insert.
- I. Presentation Trim:
 1. AT11-66: Clear satin, anodized aluminum trim, with suntan **tac-wall** insert.
 2. AT11-82: Clear satin, anodized aluminum trim, with quarry **tac-wall** insert.
 3. AT11-85: Clear satin, anodized aluminum trim, with deep blue **tac-wall** insert.
 - J. Presentation Tray/Trim End Caps and Corner:
 1. ETT1-00: Plastic end caps for Presentation Tray.
 2. CTT1-00: Plastic 90° corner cap for Presentation Trim.
 - K. J Cap Wallcovering Trim

JCAP-00: Clear satin, anodized aluminum, low profile trim.
 - L. Stratum Tray:
 1. AP18-P1: White stratum tray w/ET02-00 end caps, 18 inch length only.
 2. AP18-P2: Silver stratum tray w/ET02-99 end caps, 18 inch length only.
 3. AP18-P3: Gold stratum tray w/ET02-99 end caps, 18 inch length only.
 - M. Plastic Marker Dispenser:
 1. PDM1-92: Gray plastic marker dispenser.
 2. PDM1-99: Black plastic marker dispenser.
 - N. Mesh Caddy:
 1. MC08-00 Silver Mesh Caddy.
 2. MC08-99 Black Mesh Caddy.
 - O. Wood Tray: Provide wood tray in random lengths of 8 feet to 12 feet.
 1. WTYS-M0: Maple wood marker and eraser tray, unfinished.
 2. WTYS-M1: Maple wood marker and eraser tray, clear coat.
 3. WTYS-M2: Maple wood marker and eraser tray, red oak stain.
 4. WTYS-M3: Maple wood marker and eraser tray, cherry stain.
 5. WTYS-MZ: Maple wood marker and eraser tray, specify custom stain.
 6. WTYS-R0: Oak wood marker and eraser tray, unfinished.
 7. WTYS-R1: Oak wood marker and eraser tray, clear coat.
 8. WTYS-R2: Oak wood marker and eraser tray, red oak stain.
 9. WTYS-R3: Oak wood marker and eraser tray, cherry stain.
 10. WTYS-RZ: Oak wood marker and eraser tray, specify custom stain.
 - P. Wood Trim: Provide wood trim in random lengths of 8 feet to 12 feet.
 1. WTRS-M0: Maple wood trim, unfinished.
 2. WTRS-M1: Maple wood trim, clear coat.
 3. WTRS-M2: Maple wood trim, red oak stain.
 4. WTRS-M3: Maple wood trim, cherry stain.
 5. WTRS-MZ: Maple wood trim, specify custom stain.
 6. WTRS-R0: Oak wood trim, unfinished.
 7. WTRS-R1: Oak wood trim, clear coat.
 8. WTRS-R2: Oak wood trim, red oak stain.
 9. WTRS-R3: Oak wood trim, cherry stain.
 10. WTRS-RZ: Oak wood trim, specify custom stain.
 - Q. Colonial Wood Tray: Provide wood tray in random lengths of 8 feet to 12 feet.
 1. WTYC-M0: Colonial maple wood marker and eraser tray, unfinished.
 2. WTYC-M1: Colonial maple wood marker and eraser tray, clear coat.
 3. WTYC-M2: Colonial maple wood marker and eraser tray, red oak stain.
 4. WTYC-M3: Colonial maple wood marker and eraser tray, cherry stain.
 5. WTYC-MZ: Colonial maple wood marker and eraser tray, specify custom stain.
 6. WTYC-R0: Colonial oak wood marker and eraser tray, unfinished.
 7. WTYC-R1: Colonial oak wood marker and eraser tray, clear coat.
 8. WTYC-R2: Colonial oak wood marker and eraser tray, red oak stain.

9. WTYC-R3: Colonial oak wood marker and eraser tray, cherry stain.
 10. WTYC-RZ: Colonial oak wood marker and eraser tray, specify custom stain.
- R. Colonial Wood Trim: Provide wood trim in random lengths of 8 feet to 12 feet.
1. WTRC-M0: Colonial Maple wood trim, unfinished.
 2. WTRC-M1: Colonial Maple wood trim, clear coat.
 3. WTRC-M2: Colonial Maple wood trim, red oak stain.
 4. WTRC-M3: Colonial Maple wood trim, cherry stain.
 5. WTRC-MZ: Colonial Maple wood trim, specify custom stain.
 6. WTRC-R0: Colonial Oak wood trim, unfinished.
 7. WTRC-R1: Colonial Oak wood trim, clear coat.
 8. WTRC-R2: Colonial Oak wood trim, red oak stain.
 9. WTRC-R3: Colonial Oak wood trim, cherry stain.
 10. WTRC-RZ: Colonial Oak wood trim, specify custom stain.
- O. 24 inch Wood Tray
1. WT24-M0: Maple wood marker and eraser tray, unfinished.
 2. WT24-M1: Maple wood marker and eraser tray, clear coat.
 3. WT24-M2: Maple wood marker and eraser tray, red oak stain.
 4. WT24-M3: Maple wood marker and eraser tray, cherry stain.
 5. WT24-MZ: Maple wood marker and eraser tray, specify custom stain.
 6. WT24-R0: Oak wood marker and eraser tray, unfinished.
 7. WT24-R1: Oak wood marker and eraser tray, clear coat.
 8. WT24-R2: Oak wood marker and eraser tray, red oak stain.
 9. WT24-R3: Oak wood marker and eraser tray, cherry stain.
 10. WT24-RZ: Oak wood marker and eraser tray, specify custom stain.
- P. Paper Rail:
APR1-00: Aluminum Paper Rail.
- Q. Tack Rail:
1. MAP1-66: 1 inch Tack Rail with suntan **tac· wall** Insert.
 2. MAP1-82: 1 inch Tack Rail with quarry **tac· wall** Insert.
 3. MAP1-85: 1 inch Tack Rail with deep blue **tac· wall** Insert.
 4. MAP2-66: 2 inch Tack Rail with suntan **tac· wall** Insert.
 5. MAP2-82: 2 inch Tack Rail with quarry **tac· wall** Insert.
 6. MAP2-85: 2 inch Tack Rail with deep blue **tac· wall** Insert.

2.4 ACCESSORIES

- A. Adhesives: Heavy-duty clear or clay based premixed vinyl adhesive adhesive.
- B. Substrate Primer/Sealer: White pigmented acrylic base primer/sealer specifically formulated for use with vinyl wallcoverings.
- C. Presentation Starter Kits: Provide one Walltalkers starter kit containing eight dry erase markers, two erasers, 10 cleaning towels, and one 8 ounce bottle liquid surface cleaning solution for each room installed with dry erase wallcovering.
 1. RSK1: Presentation starter kit for regular dry erase surfaces.
 2. NVSK: Presentation starter kit for **nu·vu·rite** dry erase surfaces.
- D. Broad Tip Dry Erase Markers:
 1. DEB1-02: Red.
 2. DEB1-03: Blue.
 3. DEB1-04: Green.
 4. DEB1-99: Black.
 5. DEB4-00: Set of four colors: Red, Blue, Green, Black.
- E. Broad Tip Low Odor Dry Erase Markers:
 1. DEB2-02: Red.
 2. DEB2-03: Blue.

3. DEB2-04: Green.
 4. DEB2-99: Black.
 5. DEBB-00: Set of four colors: Red, Blue, Green, Black.
- F. Erasers:
1. DEFE: Dry Erase Felt Eraser – Black.
 2. NVBE: **nu.vu.rite** Bristle Eraser.
- G. Liquid Surface Cleaner:
1. RCC8: 8 oz. bottle liquid surface cleaner.
 2. RCCC: Case (8 – 12 oz. bottles) liquid surface cleaner.
 3. RCCG: 1-gallon bottle liquid surface cleaner.
- H. Magnets:
1. MAG1: Heavy Duty Magnet - Black.
 2. MAG2: 4 inch X 2 inch Sheet Magnet.
- I. Cleaning Towels:
- TOWL: Package of 10 cleaning towels.
- J. Towelettes:
- DET1: Dry Erase Towelettes.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and installation conditions to ensure surface conditions meet or exceed a Level 4 finish, GA-214-M-97, Recommended Levels of Gypsum Board Finish.
- B. Test substrates with a suitable moisture meter and verify that moisture content does not exceed 4 percent.
- 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.

SELECT INSTALLATION FOR WALLCOVERING BACKING OR ADHESIVE BACKING

3.2 INSTALLATION

Wallcovering backing.

- A. Acclimate wallcovering in the area of installation a minimum of 24 hours before installation.
- B. Read and follow the manufacturer's installation instruction sheet contained in each roll 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 heavy-duty pre-mixed strippable clear or clay-based vinyl adhesive, such as Koroseal A-848-B or other high quality adhesive recommended for fabric backed vinyl wallcovering and approved by manufacturer.
- E. Primer: Use a pigmented acrylic wallcovering primer to assure a proper wallcovering bond.
- F. Install each strip horizontally and in the same sequence as cut from the roll.
- G. Install dry erase wallcovering sheets in exact order as they are cut from bolt. Reverse hang alternate strips. Do not crease or bend the wallcovering when handling.
- H. Install dry erase wallcovering horizontally using a level line. Using level or straight edge, double cut the seam with a seam-cutting tool (Ex: Double Seam-Cutter or Swedish Knife).

- I. When covering the entire wall, seam the material out of the main writing and viewing areas of the wall.
- J. Smooth wallcovering to the hanging surface using a wallcovering smoother, wrapped with a soft cloth, to eliminate air bubbles, wrinkles, gaps and overlaps. Do not use sharp edged smoothing tools. Smooth material on the wall from the middle to the outside edge.
- K. Remove excess adhesive immediately after the wallcovering is applied. Clean entire surface with warm, mild soap solution, a natural sponge, and clean towels. Rinse thoroughly with water and let dry before using. Change water often to maintain water clarity.
- L. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

3.3 INSTALLATION Self-adhesive backing.

- A. Acclimate wallcovering in the area of installation a minimum of 24 hours before installation.
- B. Examine all materials for color, quantity, and quality as specified for the correct location prior to cutting.
- C. Read and follow the instructions in the manufacturer's installation sheet contained in each roll of the dry erase wallcovering.
- D. Install each strip in the same sequence as cut from the roll.
- E. Install dry erase wallcovering panels in exact order as they are cut from bolt. Do not crease or bend the wallcovering when handling.
- F. To allow air pocket removal, use a pressure sprayer or pump spray bottle to lightly dampen the surface to be covered. Dampening solution = ½ to 1 capful of mild detergent to 1-gallon clean water.
- G. Slowly remove release liner and smooth wall covering to the hanging surface using a wallcovering smoother wrapped with a soft cloth using a downward and outward motion to eliminate air bubbles, wrinkles, gaps, and overlaps.
- H. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

3.4 CLEAN-UP

- A. Upon completion of installation, remove all exposed adhesive immediately using a soft cloth and a warm, mild soap solution and rinse thoroughly with water and dry with clean towel prior to using.
- B. Upon completion of the work, remove surplus materials, rubbish, and debris resulting from the wallcovering installation. Leave areas in neat, clean, and orderly condition.

END OF SECTION

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