
PART 1 - GENERAL

1.1 SUMMARY

- A. Division Includes:
 - 1. Dry-Erase Wallcovering.
 - 2. Magnetic Receptive Dry-Erase Wallcovering.
 - 3. Projection Dry-Erase Wallcovering.
 - 4. Adhesive-Backed Dry-Erase Wallcovering.
 - 5. Tray and Trim
 - 6. Accessories.
- B. Related Divisions:
 - 1. Division 26 51 00 Interior Lighting.
 - 2. Division 09 20 00 Plaster and Gypsum Board: Wall substrate.
 - 3. Division 09 91 23 Interior Painting: Priming for vinyl wall coverings.
 - 4. Division 09 72 16.13 Flexible Vinyl Wall Coverings.
 - 5. Division 10 11 00 Visual Display Surfaces: Chalk and markerboards.

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - E84 Test Method for Surface Burning Characteristics of Building Materials.
- B. Gypsum Association
 - GA-214-M-97 Recommended Levels of Gypsum Board Finish.

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 wall covering required.
- E. Samples:
 - 1. 7 inch (177.8mm) x 9 inch (228.6mm) samples of each dry-erase material required.
 - 2. 6 inch (152.4mm) 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. Installer: Installation by skilled commercial wallcovering contractor with no less than three years of documented experience installing dry-erase wallcovering of the types and extent required.
- C. Composition:
 - 1. Projectable Mag-Rite II™: Provide woven backing, ferrous sheet bonded with white pigmented vinyl capped with matte, projectable, dry-erase film.
 - 2. Mag-Rite II® (M248-00; M259-00): Provide woven backing, ferrous sheet bonded with white pigmented vinyl and capped with semi-gloss, dry-erase film that meets California Indoor Air Quality Specification 01350.
 - 3. Mag-Rite II® (M248-01; M259-01): Provide woven-backed, ferrous sheet bonded with white pigmented polyester and capped with semi-gloss, dry-erase film that meets California Indoor Air Quality Specification 01350.
 - 4. Just-Rite®: Provide woven backing, white pigmented vinyl capped with semi-gloss, dry-erase film that meets California Indoor Air Quality Specification 01350. (Note: Just-Rite 60 meets California Indoor Air Quality Specification 01350; Just-Rite 48 has not been tested to that standard.)
- D. Surface Burning Characteristics Classification: Provide materials that meet Class I/A rating when tested in accordance with ASTM E84 for flame spread and smoke developed

- 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 packaging and clearly labeled with the manufacturer's identification label, quality or grade, and lot number.
- B. Store materials in a clean, dry storage area with temperature maintained above 55°F (13°C) with normal humidity.
- C. Store material within original packaging to prevent damage.

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 (13°C) unless required otherwise by manufacturer's instructions.
- C. Apply adhesive when substrate surface temperature and ambient temperature is above 55°F (13°C) and relative humidity is below forty percent.
- 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

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

1.8 MAINTENANCE

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

PART 2 - PRODUCTS

21 MANUFACTURER

- A. Wallcoverings: Walltalkers Wallcoverings manufactured by Koroseal Interior Products, LLC., Medina, Ohio, and distributed by. Contact sales representative.

22 MATERIALS

- A. Walltalkers Projectable Mag-Rite II: Woven-backed, ferrous sheet bonded with white pigmented vinyl capped with matte, projectable, dry-erase film.
 - 1. M2PR: 47/48 inch (1.19/1.22m) width, scrim backing.
- B. Walltalkers Mag-Rite II: Woven-backed, ferrous sheet bonded with white pigmented vinyl and capped with semi-gloss, dry-erase film.
 - 1. M248-00: 47/48 inch (1.19/1.22m) width, woven backing.
 - 2. M259-00: 59/60 inch (1.50/1.52m) width, woven backing.
- C. Walltalkers Mag-Rite II: Woven-backed, ferrous sheet bonded with white pigmented polyester and capped with semi-gloss, dry-erase film.
 - 1. M248-01: 47/48 inch (1.19/1.22m) width, woven backing.
 - 2. M260-01: 59/60 inch (1.50/1.52m) width, woven backing.
- D. Walltalkers Just-Rite: Woven-backed, white pigmented vinyl capped with semi-gloss, dry-erase film.
 - 1. JR48: 47/48 inch width (1.19/1.22m), scrim backing.
 - 2. JR60: 59/60 inch (1.50/1.52m) width, scrim backing.

23 TRIM & TRAY

- A. Aluminum Tray: Clear satin, anodized aluminum, snap-on marker and eraser tray with clips. Specify length: 4' length (TY04-00), 8' length (TY08-00), 12' length (TY12-00)
- B. Aluminum Trim: Clear satin, anodized aluminum, snap-on trim with clips. Specify length: 4' length (TY04-00), 8' length (TY08-00), 12' length (TY12-00)
- C. End Caps:
 - 1. ET02-00: 1/4 inch (6mm) box tray end cap set for marker and eraser tray.
 - 2. ET03-00: 1/2 inch (13mm) anodized tray end cap set for marker and eraser tray.
- D. J Cap Wallcovering Trim: JC12-00: Clear satin, anodized aluminum, low profile trim Also available in Black and White powder coat
- E. Quantum Tray: Aluminum blade style marker and eraser tray with angled, smooth-finished ends and installation hardware kit. Specify finish and length:
 - 1. QA18TY-00: Silver anodized aluminum, 18 inch (457 mm) length only.
 - 2. QA36TY-00: Silver anodized aluminum, 36 inch (914 mm) length only.
 - 3. QA48TY-00: Silver anodized aluminum, 48 inch (1.22 m) length only.
 - 4. QP18TY-05: White powder coated aluminum, 18 inch (457 mm) length only.
 - 5. QP36TY-05: White powder coated aluminum, 36 inch (914 mm) length only.
 - 6. QP48TY-05: White powder coated aluminum, 48 inch (1.22 m) length only.
 - 7. QP18TY-04: Black powder coated aluminum, 18 inch (457 mm) length only.
 - 8. QP36TY-04: Black powder coated aluminum, 36 inch (914 mm) length only.
 - 9. QP48TY-04: Black powder coated aluminum, 48 inch (1.22 m) length only.
- F. Quantum Mag Tray: Aluminum blade style marker and eraser tray with magnetic backing. Specify finish:
 - 1. QM18TY-00: Silver anodized aluminum, 18 inch (457 mm) length only.
 - 2. QM36TY-00: Silver anodized aluminum, 36 inch (914 mm) length only.
 - 3. QM48TY-00: Silver anodized aluminum, 48 inch (1.22 m) length only.
 - 4. QM18TY-05: White powder coated aluminum, 18 inch (457 mm) length only.
 - 5. QM36TY-05: White powder coated aluminum, 36 inch (914 mm) length only.
 - 6. QM48TY-05: White powder coated aluminum, 48 inch (1.22 m) length only.
 - 7. QM18TY-04: Black powder coated aluminum, 18 inch (457 mm) length only.
 - 8. QM36TY-04: Black powder coated aluminum, 36 inch (914 mm) length only.
 - 9. QM48TY-04: Black powder coated aluminum, 48 inch (1.22 m) length only.

24 ACCESSORIES

- A. Adhesives: Heavy-duty clear or clay-based premixed vinyl adhesive.
- B. Substrate Primer/Sealer: White pigmented acrylic base primer/sealer specifically formulated for use with vinyl wallcoverings.
- C. Aluminum Marker Caddy: Provide 3 inch (76 mm) high x 7-1/4 inch (184 mm) wide aluminum caddy with four holes and a slot for storing markers and an eraser.
 - 1. AMC1-00: Aluminum marker & eraser caddy, silver anodized aluminum.
 - 2. AMC1-05: Aluminum marker & eraser caddy, white powder-coated aluminum.
 - 3. AMC1-04: Aluminum marker & eraser caddy, black powder-coated aluminum.
 - 4. AMCM-00: Aluminum marker & eraser caddy w/ magnetic backing, silver anodized aluminum.

PART 3 - EXECUTION

31 EXAMINATION

- A. Examine substrates and installation conditions to ensure surface conditions meet or exceed a Level 4 finish, per GA-214-M-97: Recommended Levels of Gypsum Board Finish, and permanent lighting should be installed and operational.
- B. Test substrate with suitable moisture meter and verify that moisture content does not exceed four percent.
- C. Verify substrate surface is 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.

32 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. Primer: Use a quality pigmented acrylic wallcovering primer.
- E. Adhesive: Apply a uniform coat of heavy-duty pre-mixed clay-based or extra strength clear wallcovering adhesive.
- 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 (except lined products). Do not crease or bend the wallcovering when handling.
- H. Install dry-erase wallcovering horizontally using a level line.
- I. Using a level or straight edge, double cut the seam with a seam-cutting tool (Ex: Double Seam-Cutter or Swedish Knife). Do not score drywall or plasterboard when cutting material.
- J. When covering the entire wall, seam the material out of the main writing and viewing areas of the wall.
- K. Apply wallcovering to the substrate using a wallcovering smoother, wrapped with a soft cloth, to remove air bubbles. Do not use sharp edged smoothing tools. Smooth material on the wall from the middle to the outside edge.
- L. Remove excess adhesive immediately after the wallcovering is applied. Clean entire surface with a warm mild soap solution, and clean, soft cloths. Rinse thoroughly with water and let dry before using. Change water often to maintain water clarity.
- M. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

33 INSTALLATION: SELF-ADHESIVE BACKING

- A. Apply Walltalkers adhesive-backed dry-erase wallcovering only on surfaces impervious to moisture such as chalkboards, marker boards, glass, high-pressure laminates, or similar.
- B. Acclimate wallcovering in the area of installation a minimum of twenty-four hours before installation.
- C. Examine all materials for color, quantity, and quality as specified for the correct location prior to cutting.
- D. Read and follow the instructions in the manufacturer's installation sheet contained in each roll of the dry-erase wallcovering.
- E. Do not crease or bend the wallcovering when handling.
- F. Mix dampening solution by using one half to one capful of mild detergent to 1 gallon (1.81kg) clean water. Dampening solution is used in positioning the material and allows for the removal of air bubbles.
- G. Use a pump spray bottle to apply the dampening solution to the surface.
- H. Slowly remove release liner and smooth wall covering to the hanging surface using a wallcovering smoother wrapped with a soft cloth from the middle to the outside edge to remove air bubbles.
- I. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

34 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.

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