

## Magnetic Dry Erase Wallcovering

### PART 1 GENERAL

#### 1.01 Summary

- A. Division includes:
  - 1. Dry Erase Wallcovering
  - 2. Magnetic Receptive Dry Erase Wallcovering
  - 3. Projection Dry Erase Wallcovering
  - 4. Accessories
- B. Related divisions:
  - 1. Division 09 20 00 Plaster and Gypsum Board
  - 2. Division 09 90 00 Painting and Coating
  - 3. Division 10 11 00 Visual Display Surfaces: Chalkboards and Markerboards
  - 4. Division 26 51 00 Interior Lighting

#### 1.02 REFERENCES

- A. American Society for Testing Materials (ASTM):
  - E84 Test Method for Surface Burning Characteristics of Building Materials
- B. Gypsum Association
  - GA-214-2022 Recommended levels of Gypsum Board Finish

#### 1.03 SUBMITTALS

- A. Manufacturer's data sheet and installation instructions for each dry erase wallcovering product and primer.
- B. Manufacturer's confirmation that the product(s) comply with listed testing criteria.
- C. Manufacturer's installation and care/maintenance instructions.
- D. Manufacturer's 8" X 10" sample of selected product(s).

#### 1.04 QUALITY ASSURANCE

- A. Manufacturer: Supply magnetic dry erase wallcovering(s) manufactured by Foster Dry Erase Wallcoverings, a division of Visual Magnetics, Limited Partnership.
- B. Installer Requirements: Dry erase wallcovering(s) to be installed by professional contractor with a minimum of 3 years experience installing similar dry erase wallcovering(s).
- C. Fire Rating: Supply dry erase wallcovering(s) that meet Class I/A rating when tested in accordance with ASTM E84 Test Method for Surface Burning Characteristics of Building Materials for flame spread and smoke developed.
- D. Field samples: Provide samples to be installed in area designated by architect for approval.
- E. Retain sample as standard for the project.

#### 1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver dry erase wallcovering(s) to project site in original, sealed / unopened packaging with manufacturer's labels clearly identifying product / product code.

- B. Store dry erase wallcovering(s) in a clean, dry area in which temperature remains between 55° F (13° C) and 85 degrees F (29° C) with humidity below 70%.
- C. Allow product(s) to acclimate for at least 12 hours.
- D. Keep product in original packaging until product is to be installed.

#### **1.06 PROJECT CONDITIONS**

- A. Wall surface smoothness must be prepared to Level 5 Finish according to the Gypsum Association Recommended Levels of Finish for Gypsum Panel Products.
- B. Wall moisture content must not exceed 4%.
- C. Maintain temperature between 55° F (13° C) and 85° F (29° C) and relative humidity below 70% for 72 hours prior to, during and after installation.
- D. Provide not less than 80 foot candles per square foot lighting level on the substrate surface.

#### **1.07 WARRANTY**

- A. Provide manufacturer's written product warranty.

#### **1.08 MAINTENANCE**

- A. Include care and maintenance instructions for cleaning, proper marker usage and other factors to insure optimal functionality and appearance.

### **PART 2 PRODUCTS**

#### **2.01 MANUFACTURER**

- A. Foster Dry Erase Wallcoverings, a division of Visual Magnetics, Limited Partnership, 1 Emerson Street, Mendon, MA 01756 P 774-641-8822  
[www.fostercollaboration.com](http://www.fostercollaboration.com)

#### **2.02**

- A. Astro™ Magnetic Dry Erase Wallcovering System by Foster, part number F-WC-DE-AST – and Level-Lock™ magnetic sheet:
  - a. Gloss dry erase coating applied to 11 mil, bright white polyester film (customer digital color / image available) and laminated to magnetic coating.
    - i. 60" / 152.4 X specified lengths.
  - b. Magnetic sheet, thickness 40 mils cut to specified width and length.
  - c. Commercial grade, micro-iron, magnetic receptive primer.
- B. Summit™ Magnetic Dry Erase Wallcovering System by Foster, part number F-WC-DE-SUM – and Level-Lock™ magnetic sheet:
  - a. Semi-gloss dry erase coating applied to 13 mil, bright white polyester film (customer digital color / image available) and laminated to magnetic coating.
    - i. 60" / 152.4 X specified lengths.
  - b. Magnetic sheet, thickness 40 mils cut to specified width and length.
  - c. Commercial grade, micro-iron, magnetic receptive primer.

#### **2.03 ACCESSORIES**

- A. Visit [www.fostercollaboration.com](http://www.fostercollaboration.com) to see accessories.

### **Part 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Inspect wall surface, room temperature and humidity to ensure acceptable installation conditions. Wall surfaces must achieve a Level 4 finish (a level 5 finish is preferred) per GA-214-M-97; install dry erase wallcovering after walls are primed, base board is installed and permanent lights have been installed and are operational.
- B. Confirm moisture in substrate does not exceed 4% and surface is clean, dry, smooth, structurally sound and there are no defects or imperfections.
- C. Inform Architect / Project Manager of any unsatisfactory conditions that could lead to an improper installation.

#### **3.02 INSTALLATION**

- A. Commencement of installation constitutes acceptance of surface conditions.
- B. Allow dry erase wallcovering and magnet sheet to acclimatize for 12 hours prior to installation.
- C. Inspect all materials to confirm correct product, quantity and quality are as specified.
- D. Read and adhere to all manufacturer's installation instructions prior to commencing installation.
- E. Primer: Use Foster commercial grade, micro iron, magnetic receptive primer.
- F. Install Level-Lock™ magnetic sheet.
- G. Install dry erase wallcovering according to provided shop drawings or in the order in which they were cut from the bolt. Be sure not to bend or crease dry erase wallcovering during installation.
- H. Foster magnetic dry-erase wallcoverings should be installed horizontally using a level line.
- I. If multiple sections will be installed on the same wall, be sure to minimize seams in primary viewing area.
- J. If a bubble develops between dry erase wallcovering and magnetic sheet, lift the corner of the wallcovering nearest the bubble and reapply the wallcovering to the magnetic sheet.
- K. Clean dry erase wallcovering with approved cleaner or mild soap solution. Rinse with clean water and then dry surface prior to use.

#### **3.03 CLEAN-UP**

- A. After installation is complete, properly dispose of excess materials and debris generated during installation. Restore area to original condition.

### **END OF SECTION**

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[www.fostercollaboration.com](http://www.fostercollaboration.com)

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