

# SPECIFICATION FOR PRINTED DRY ERASE WHITEBOARDS

## DIVISION 10 – SECTION 10100 – VISUAL DISPLAY BOARDS

### Part 1 – GENERAL

#### 1.01 DESCRIPTION OF WORK

- A. Section includes:
1. *Printed dry erase whiteboards*
  2. *Dry erase accessories*

#### 1.02 REFERENCED STANDARDS

- A. American Society for Testing and Materials
1. *ASTM E 84 Standard Test Method for Surface Burning Characteristics for Building Materials*
  2. *ASTM B221 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wires, Profiles and Tubes*  
***All materials used in the manufacture of Murerase dry erase boards shall be 100% recycled product; contain 0% VOC's; and be able to be recycled. The boards shall be listed as "green" (See GSA contract and [www.arcata.com](http://www.arcata.com) catalog).***

#### 1.03 SUBMITTALS

- A. Shop Drawings: Provide shop drawings for each board that is either a different size or an image file for each image.
1. *Indicate location of any variable data and include a spreadsheet that shows variable data. Variable data will be approved by the purchaser prior to manufacture.*
  2. *A .pdf file showing final art will be submitted and approved by the purchaser prior to manufacture.*
- B. Manufacturer's Instructions: Provide installation instructions and Cleaning and Maintenance instructions with every shipment.
- C. Samples: Provide full scale samples of prototype boards at the purchaser's instruction. Cost for prototypes to be included in the bid documents.

#### 1.04 QUALITY ASSURANCE

- A. Provide all items in this section as manufactured by: Digital Designed Solutions, Inc.; 618 Wilkerson Road; Rock Hill, SC 29730; 803-329-9682; Fax: 803-329-9685

B. All areas that will have dry erase white boards shall be stored and installed AFTER the building has been brought to a final and stable climate as to temperature and humidity. Any whiteboards to be installed over masonry or concrete walls shall be sealed on the back side of the boards.

## **1.05 DELIVERY, STORAGE AND HANDLING**

A. Ordering: Custom printed whiteboards require 2 to 3 weeks leadtime AFTER final approval of art.

B. Delivery: Deliver dry erase boards in original, unopened containers. All shipments must be inspected for damage during transit and if there is any question, the bill of lading must be marked as "Damaged". There is no recourse for freight damage from a clean bill of lading.

C. Storage and protection: Boards are to be stored flat and supported if markertrays are included. Temperature and humidity must be stable. Do not allow moisture to come in contact with white boards.

## **1.06 WARRANTY**

A. Submit a warranty stating that under normal usage and maintenance and when installed in accordance with manufacture's instructions

# **Part 2 – PRODUCTS**

## **2.01 MANUFACTURERS**

A. Manufacturer: Digital Designed Solutions (DDS); 618 Wilkerson Road; Rock Hill, SC 29730; 803-329-9682 Fax: 803-329-9685; Website [www.murerase.com](http://www.murerase.com) Email: [sales@murerase.com](mailto:sales@murerase.com)

## **2.02 MATERIALS - BOARDS**

A. Magnetic Erase Boards

1. *Face Sheet: .023" Murerase coated steel sheet*
2. *Face Coating: Shall be a clear coat that is receptive as to the dye sublimation printing and a performance as to dry erase ability. Laminating films are not acceptable.*
3. *Core Material: Specify 3/16" or 7/16" thick MDF*
4. *Lamination: shall be pressure sensitive adhesive applied over 90% of the surface and shall have uniform pressure applied mechanically over the entire surface area.*
5. *Size and number: (shall be specified here or on a separate listing)*

B. Non-magnetic Dry Erase Boards

1. *Face sheet: ¼" or ½" thick coated MDF board*

2. *Face Coating: Shall be a clear coat that is receptive as to the dye sublimation printing and a performance as to dry erase ability. Laminating films are not acceptable.*
  3. *Size and number: (shall be specified here or on a separate listing)*
- C. Aluminum Framing for Dry Erase Boards
1. *Anodized aluminum framing: (Specify ¼" or ½" depending on the thickness of the board). Face dimension of framing is 5/8". Anodizing is silver color.*
  2. *Markertray: (Note: This is optional and not desirable for medical facilities. Review accessory options for magnetic boards)*
    - a. *White Boards 36"x 48" and smaller will have aluminum trays that have an 1 ¼" shelf.*
    - b. *White Boards larger than 36"x 48" will have aluminum trays that have a 2 ¼" shelf.*
- D. Hanging Brackets: Shall be included with all dry erase boards.
1. *Boards 36"x 48" and smaller will have a bracket package that includes 2 D-ring hangers and a bottom angle bracket. All screws and wall inserts will be included.*
  2. *Boards larger than 36"x 48" will include one package that includes 4 hanging brackets and all screws and wall inserts. There will be a package for every 48" of board length and portion thereof. **Note: The manufacturer is not responsible for site conditions. Brackets and D-ring hangers described are sufficient to hold the weight of the boards. If the substrate conditions on site require additional fasteners, they must be specified and purchased as required.***

## 2.03 DRY ERASE ACCESSORIES

- A. Dry Erase Marker Pens and Erasers: Pens and erasers are standard size chisel point dry erase markers. Colors are black (specify other colors here). Pens and erasers are as supplied by DDS
- B. Magnetic Clips: Clips for pens are supplied by DDS and include magnets that allow the pens to be stored on magnetic boards (optional)
- C. Magnetic Erasers: Magnetic erasers are supplied by DDS and allow the erasers to be stored on magnetic boards (optional).
- D. Dry Erase Cleaner: As supplied by DDS for use with dry erase surfaces.

Note: Dry erase pens are available in small and medium sizes and with bullet and sharp tips. Specify as required.

## 2.04 SHOP FABRICATION AND ASSEMBLY

- A. Framing: All framing components are to be mechanically fastened to the backer
- B. All printed boards larger than 48" x 72" will be fabricated from more than one printed panel. Panels will be jointed at a match line and images will line up within  $\pm 1/32"$ .
- C. All magnetic (steel) dry eraseboards larger than 36" x 36" may show a small percentage of double imaging due to the high temperature of the heat transfer printing.

## **PART 3 – EXECUTION**

### **3.01 PROJECT CONDITIONS**

- A. Verify before installation that interior moisture and temperatures approximate normal occupied conditions.

### **3.02 PACKAGING AND DELIVERY**

- A. Deliver factory built units completely assembled and in the dimensions shown on the approved shop drawings.
- B. All whiteboards are to be packaged on pallets with foam protection between finished, printed surfaces. Whiteboards with trays will be supported over the entire surface of the white boards with packaging materials that will create a flat package. Whiteboards shall be shrink wrapped with corner boards or crated with hard sides and tops. Pallets shall be sound and without loose boards or runners.
- C. Inspect deliveries for freight damage and note any damage on the bill of lading.

### **3.03 INSTALLATION**

- A. Install boards plumb and level.
- B. Use hanging hardware as specified in manufacturer's installation instructions plus and additional hanging brackets or adhesive as required due to on site conditions as determined by the architect or engineer.
- C. Clean the finished surface of the board with dry erase cleaner or isopropyl alcohol.
- D. Provide cleaning and maintenance instructions to every location where boards will be used.