

#### VISUAL DISPLAY BOARDS FOR EVERY PROJECT - FROM THE CLASSROOM TO THE BOARDROOM

Markerboards / Marker Walls



Chalkboards



Tackboards / Tack Walls



Vertical and Horizontal Sliding Units



**Presentation Cabinets** 



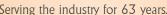
Display Cases - Freestanding, Wall-Mounted, Recessed



**Bulletin Board Cabinets** 



#### **PRODUCT CATALOG**







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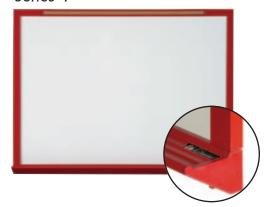
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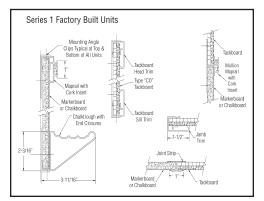


WESTERN DIVISION Sales and Warehouse 14736 Wicks Boulevard San Leandro, California Zip 94577-6770 Phone: 510-351-8183 Fax: 510-351-8241 west@claridgeproducts.com

# Factory Built Units SERIES 1, 3, 4, 5, 8, and 185

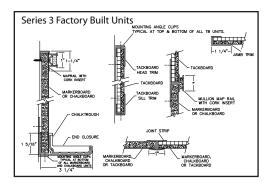
#### Series 1





#### SERIES 1

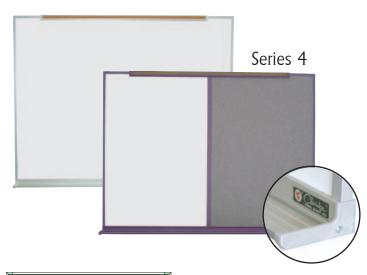
- Perimeter trim is 1 1/2" wide.
- Furnished with angle clip hangers 2' on center, top and bottom.

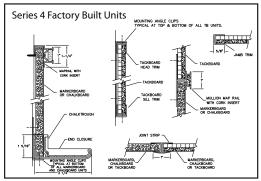


#### SERIES 3

- Perimeter trim is 1-1/4" wide.
- Type A units have screw-through map rail at top; angle clips for bottom. Type CO and Combos - angle clips, 2 on center, top and bottom.







#### SERIES 4

- Perimeter trim is 5/8" wide.
- Type A units have screw-through map rail at top; angle clips for bottom. Type CO and Combos - angle clips, 2 on center, top and bottom.

#### Typical Markerboard, Chalkboard & Tackboard Arrangements







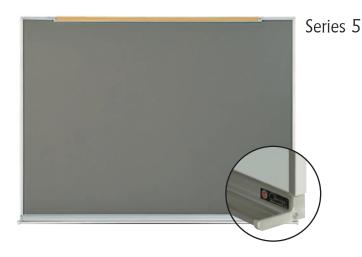






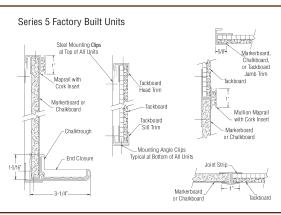






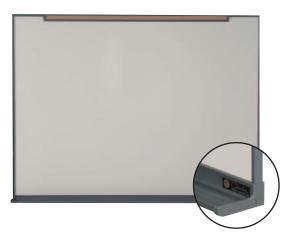
#### SERIES 5

- Perimeter trim is 5/8" wide.
- Furnished with steel mounting clips at top and angle clips at bottom,
   2' on center.



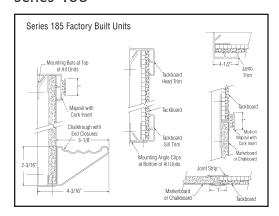
#### SERIES 8

- Perimeter trim is 5/16" wide.
- Type A units have screw-through map rail at top; angle clips for bottom.
   Type CO and Combos – angle clips, 2 on center, top and bottom.



# Series 8 Factory Built Units WOINTING ANGLE CLIPS TYPICAL AT TOP & BOTTOM OF ALL TB UNITS. 5/18"-1 JAMB TRIM TACKBOARD MARKERBARD OR GIALKBOARD MARKERBARD OR GIALKBOARD JAMB TRIM TACKBOARD MALLON MAP RAIL WITH CORE NEETT MALLON MAP RAIL WITH CORE NEETT JAMB TRIM MARKERBOARD OR CHALKBOARD JOHN STRR

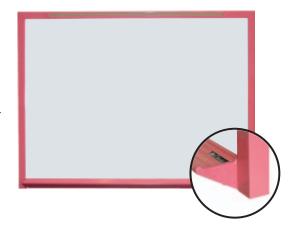
#### Series 185



#### SERIES 185

- Perimeter trim is 1-1/2" wide.
- Furnished with Z-bar clips for top and angle clips for bottom, 2' on center.

Note: Necessary 12" square, 1/2" Duracore blocking pads are furnished.



#### Factory Built Units

#### Features:

- Porcelain enamel steel markerboards and chalkboards
- Claridge Cork, Fabricork, Designer Fabric, Hook-Fab, and Tan Nucork Tackboards
- Satin anodize aluminum frame
- Maximum length, 16'0"; maximum height
   Type A and Type CO units 4'0"
- O.A. panel thickness approx. 1/2"
- LCS-II Markerboards are GREENGUARD Certified

#### **Options**

- Color anodize or powder coat finish aluminum frames
- Radius corners available, Series 4 units

Finished size of units is ¼" larger in height and width than sizes listed. If exact overall size is required, specify when ordering.

Installation using 16A adhesive is recommended. Screws or wall anchors are not included.

Freight class 70.

Visit www.claridgeproducts.com for CAD library and specifications.

#### The Solution™ Markerboards

Claridge's answer to the World of Interactive Technology – eBeam® Enabled™ Solution™ Markerboards

The Solution, a feature-packed porcelain enamel steel markerboard, that comes bundled with the highly acclaimed eBeam Interact software.

- Markerboard accommodates handwritten notes AND supplies powerful interactive tools
- LCS-II with low gloss surface for easy writing, clean erasing, and crisp projection
- Magnetic, scratch and stain resistant, the porcelain writing surface is guaranteed for 50 years
- Pre-built partitions for cords and cables designed right into the satin anodize aluminum trim

Join the eBeam *Solution* evolution today and transform your office or classroom with the Claridge *Solution* board.

#### Digital Ready™ Markerboards

Digital Ready Markerboards are designed to bridge the gap between marker-based and interactive whiteboards.







Fully featured Digital Ready board allows interactive note capture, live annotations, remote meetings and more.

For those who want to gradually transition to interactivity, Digital Ready boards provide a modular path with immediate and long-term benefits.

- Lowers total whiteboard investment cost install Digital Ready boards now and convert to Solution boards as needed or as funds become available
- Standardize and simplify facility planning and installation
- Low gloss porcelain writing surface functions as a dry-erase markerboard and projects well, outperforming traditional interactive boards

#### **LCS-II Markerboards**

- Premium writing surface in either #92 White or #75 Low Gloss, both with a smooth surface for easy writing and clean erasing
- Minimal "hot spot" (#75 Low Gloss can be used as a projection surface)
- Made from enameling grade steel during a 3-coat process
- After pre-cleaning a ground (primer) coat of porcelain is applied to front and back of steel; color cover (finish) coat is applied to face of steel and is fusion bonded to the steel substrate

#### Claridge offers two porcelain enamel writing surfaces:

- LCS-II markerboard dry-erase writing surface in #92 White or #75 Low Gloss
- Porcelain chalkboard writing surface in green, black, and charcoal gray

#### Chalkboard and Markerboard Steel Skins

The most practical and economical way to rejuvenate old chalkboards is to install steel skins (face sheets) over existing old, badly-worn chalkboards. Steel skins can be applied on the face of natural slate, composition chalkboard, or slated plaster walls. Converts old defective boards into permanent new markerboards or chalkboards of superior quality which will provide many years of service. Sheets are shipped precut to customer's specifications. Skins can be installed by qualified installer using commercial adhesive or double-sided tape, in accordance with local building codes.

#### LCS-II EZ STICK SKINS

Designed to make resurfacing existing boards a breeze, EZ Stick Skins are LCS-II Skins (face sheets) backed with double-sided tape. EZ Stick Skin installations use no solvents, eliminate drying time and are always a consistent thickness. Measure to verify fit, clean old board surface, position new skin, peel and stick - its that easy.



#### **EZ FIT PANELS**

Designed to fit over existing boards, EZ Fit panels are LCS-II in either #92 White or #75 Low Gloss. Porcelain writing surface is mounted on hardboard with moisture barrier back. Panels have ½" face satin anodize aluminum frame. Holes are pre-drilled 2' on center; 1" countersink screws included.

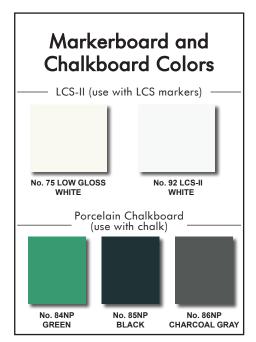






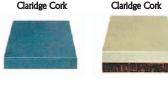






#### Claridge Cork Bulletin Board

- Environmentally friendly, burlap backed cork
- Pure natural ingredients
- Smooth, durable suede-like surface
- Self-healing, soil resistant
- Tacks insert easily, gripped firmly



10 11 00/CLC **BuyLine 3119** 



1100 Tan

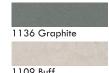


1/4" Unmounted



1/4" Mounted





1133 Green 1113 Steel Gray

1134 Midnight

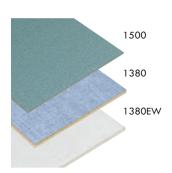
1132 Black

1135 Brick

1109 Buff

#### Fabricork Bulletin Boards

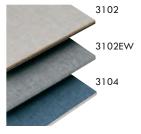
- Wear almost indefinitely
- Entirely washable; spots and soil wash away with household soap and water
- Vinyl fabric meets or exceeds Federal Specification CCC-W-408A





#### Designer Fabric **Bulletin Boards**

- Soil and stain resistant
- 100% polyester
- **Designer Fabrics** have ASTM-E 84 Flame Tunnel Test Class "A" rating















1690 Gray Mix

1697 Mulberry

1696 Thistle

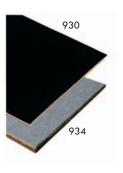
1684 Noir

1692 Wheat

1688 Seafoam

#### Hook-Fab **Bulletin Boards**

- Lightweight and pliable, yet durable
- Soil and stain resistant
- Use with hooktape or thumbtack



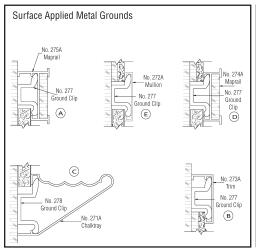


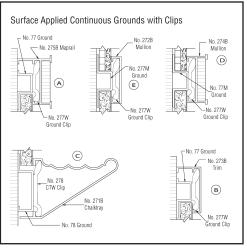
#### Tan Nucork Bulletin Board

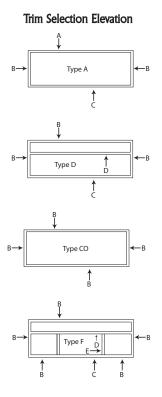
- Pure grain natural cork without burlap backing
- Smooth, resilient surface
- Punctures heal quickly
- Tacks insert easily, gripped firmly
- Meets Military Spec MIL-C-15116, Type II



#### Snap-On Aluminum Trim Detail

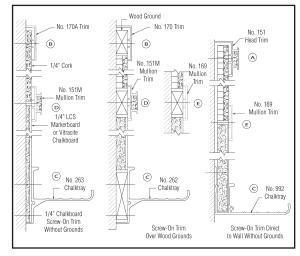






The most versatile of the field assembled trims, snap-on trim, with its wide face and no visible fasteners, adjusts to job conditions and joins in a neat, precision fit.

#### Screw-On Aluminum Trim Detail



Screw-on aluminum trim, with exposed fasteners, is noted for ease of installation.

Snap-On, Screw-On, and Slip-On aluminum trim is typically furnished in stock lengths to be cut to size and applied in the field.

# 803A 803A

803F

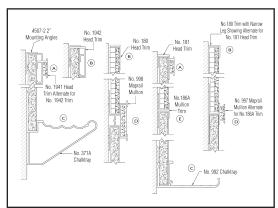
12314

### Divider Bars, Channel Trim & Angle Trim

Divider Bars			
Number	Opening	Face	Stock Lengths
803	1/4"	1/2"	10'6" and 12'0"
803A	1/2"	1/2"	10'6" and 12'0"
803F	1/2"	1″	10'6" and 12'0"
12314	7/16"	1″	10'6" and 12'0"

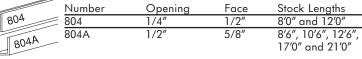
Divider bars weigh approximately 1/4 lb. per lin. ft. Shipped by motor freight. Use freight class 85.

#### Slip-On Aluminum Trim Detail



The narrow face of slip-on trim gives it a clean, low-profile appearance.

#### **Channel Trim**



Channel trim weighs approximately 1/4 lb. per lin. ft. 8'0" and 8'6" lengths can ship UPS or Fed Ex Ground. Balance of lengths will be shipped motor freight. Use freight class 85.



Angle Trim		
Number	Description	Stock Lengths
160	1" x 1" x 1/16" angle trim	12'6"
161	1" x 1/2" x 1/16" angle trim	12'6"
162	1" x 1" x 1/8" angle trim	12'6"

No. 160 and No. 161 angle trim weighs approx. 1/4 lb. per lin. ft. No. 162 weighs 1/3 lb.

Angle trim is shipped by motor freight. Use freight class 85.

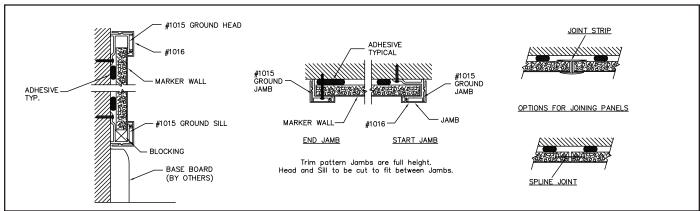
Marker Walls offer a room-size presentation surface designed for heavy use and multiple-format presentations.

- Cover an entire wall, floor-to-ceiling
- Utilize all available space
- Panels butt together for a continuous writing surface

When laminated panels are required, LCS-II, mounted on 7/16" MDF, has matched joints and can be joined with steel spline joints for smooth alignment. For a more finished look use No. 1016 perimeter trim.



#### Marker Wall Detail





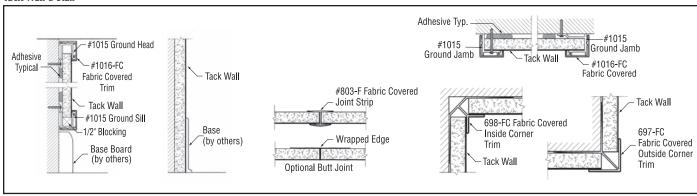
#### Tack Walls

Edge-wrapped panels of either Fabricork or Designer Fabric butt together to cover an entire wall or work space, floor-to-ceiling.

- Choose from Fabricork and Designer Fabric colors
- Ideal for offices, board rooms, conference rooms, etc.
- Edge-wrapped panels can be custom-made to fit existing walls

Where trim is required, fabric covered H-bars, fabric covered trim and fabric covered inside and outside corners are also available.

#### Tack Wall Detail





#### Horizontal Sliding Units

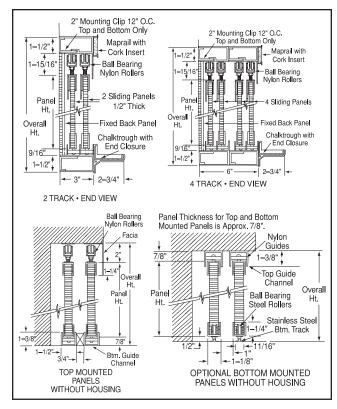
- Manually or Motor Operated Sliding Units
- Fixed back panel with 2, 3 or 4 sliding panels on 2, 3 or 4 tracks
- Sliding panels are top-suspended and glide easily over aluminum track on molded nylon rollers
- Nylon ball bearing rollers at top of unit and nylon guide rollers at bottom eliminate vibration and provide smooth, quiet operation
- Sliding panels and back panel can be: LCS-II markerboard; porcelain chalkboard; or Claridge Cork, Fabricork, Designer Fabric, Hook-Fab or Tan Nucork bulletin board; Matte white or glass beaded projection screen; or COM fabrics
- Trim and panel edging are extruded aluminum with satin anodize finish (Powder coat and color anodize finish optional)
- Component parts (sliding panels with track, guide channel, hardware

   no housing) available



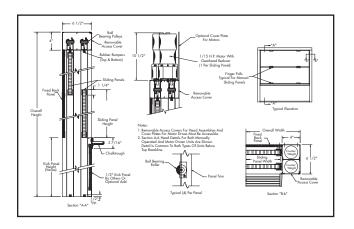
#### **Vertical Sliding Units**

- Manually or Motor Operated Sliding Units
- Floor and wall mounted (panels on wall mounted units slide from sill or tray to top of unit; panels on floor mounted units slide from floor to top of unit)
- One, two or three 7/8" thick sliding panels (2-panel housing is 6-1/2" deep; face is 4")
- Balanced, lightweight panel construction guards against warpage; povides needed rigidity and eliminates to and fro movement when panels are in use.
- Sliding panels and back panel can be: LCS-II markerboard; porcelain chalkboard; or Claridge Cork, Fabricork, Designer Fabric, Hook-Fab or Tan Nucork bulletin board; Matte white or glass beaded projection screen; or COM fabrics
- Trim and panel edging are extruded aluminum with satin anodize finish (Powder coat and color anodize optional)



#### Horizontal Sliding Units

Number	Size (H x W)	Number	Size (H x W)
HS46	4' x 6'	HS414	4' x 14'
HS48	4' x 8'	HS416	4' x 16'
HS410	4' x 10'	HS420	4' x 20'
HS412	4' x 12'	HS424	4' x 24'



#### Vertical Sliding Units

Manually Operated			Motor Op	erated	
Floor Mo	unted	Wall Mou	unted		
Number	High-Long	Number	High-Long	Number	High-Long
410CS	10' x 4'	48CSW	8' x 4'	410MO	10' x 4'
510CS	10' x 5'	58CSW	8' x 5'	510MO	10' x 5'
610CS	10' x 6'	68CSW	8' x 6'	610MO	10' x 6'
810CS	10' x 8'	88CSW	8' x 8'	810MO	10' x 8'
1010CS	10' x 10'	108CSW	8' x 10'	1010MO	10' x 10'
1210CS	10' x 12'	128CSW	8' x 12'	1210MO	10' x 12'
1410CS	10' x 14'	148CSW	8' x 14'	1410MO	10' x 14'
1610CS	10' x 16'	168CSW	8' x 16'	1610MO	10' x 16'

Optional Kick Panel and optional Wireless remote control. Approved shop drawings required. Freight class 70.

#### Contemporary Series Bulletin Board Cabinet

- 1-1/2" x 3" rectangular aluminum perimeter trim, satin anodize finish; inside depth 1-3/4"
- Tackable back panels can be Claridge cork, Fabricork, Designer Fabric, Hook-Fab or Tan Nucork (grooved directory back panels optional)
- 3/16" tempered glass doors with flat key tumbler locks
- Hinged door cabinets have continuous piano hinges; sliding door units, ground-in finger pulls
- Surface mounted units equipped with Z-bar
- Available with header panel

#### **Options:**

- Fluorescent lights
- Weatherproofing (hinged door only)
- Recessed installation
- Medium or dark bronze anodize or powder coat finish

Note: 3'x2' cabinet has one door; 3'x4' through 4'x6' have two; and 4'x8' through 4'x12' have three.

Weatherproofed Contemporary Cabinet

2041 Contemporary Cabinet

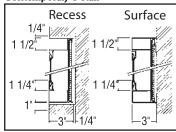
#### 10 11 00/CLC **BuyLine 3119**

#### **Contemporary Cabinets**

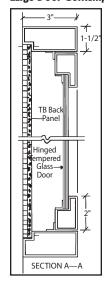
Size	Weight
$(H \times W)$	Lbs.
3'x 2'	36
3' x 4'	72
4' x 4'	96
4' x 6'	144
4' x 8'	256
4' x 10'	320
4' x 12'	384
	(H x W) 3'x 2' 3' x 4' 4' x 4' 4' x 6' 4' x 8' 4' x 10'

Intermediate sizes available.

#### Contemporary Detail



#### Large Door Contemporary Detail



#### Large Contemporary Series **Bulletin Board Cabinet**

#### Features:

- Heavy-gauge rectangular aluminum, satin anodize finish
- Tempered glass doors hung on piano hinges, flat key tumbler locks
- Mitered corners reinforced for rigidity
- Tackable back panels in Claridge Cork, Fabricork, Hook-Fab, Designer Fabric or Tan Nucork
- Angle hangers furnished top and bottom
- 3" housing 1-3/4" I.D.; 4" 2-3/4" I.D.

#### Options:

- 1-1/2" x 3" or 1-3/4" x 4" housing
- Surface or Recess installation
- Fluorescent light (4" cabinets only)
- Med. or Dk. Bronze Anodize; Powder Coat Finish

#### Large Contemporary Series

	Size	Weight	
Number	(H x W)	Lbs.	
2153	5' x 3'	180	
2156	5' x 6'	300	
2164	6' x 4'	250	
2168	6' x 8'	500	

Note: 3' and 4' widths have one door; 6' and 8' cabinets have two.

Specify depth - 3" or 4", recess or surface installation (if recess installation, provide finished opening measurements), and type and color for back panel.



#### Imperial Series Bulletin and **Directory Board Cabinet**

#### Features:

- Heavy-gauge satin anodize aluminum; Z-bar hangers
- 3/16" tempered sliding glass doors; tumbler lock
- Claridge Cork, Fabricork, Designer Fabric, Hook-Fab and Tan Nucork tackable panels; Felt or Vinyl directory panels
- 3-1/4" O.A.; inside depth is 1-1/2"
- 6" Translucent plexiglas header panel

HARRISON HIGH SCHOOL

#### **Options:**

#### Medium or Dark Bronze anodize, or Powder Coat finish

Fluorescent light

#### **Imperial Series**

With	Without		
Header	Header	Size	Weight
Number	Number	$(H \times W)$	Lbs.
300	294	36" x 48"	80
302	296	36" x 72"	120
303	297	48" x 60"	135
304	298	48" x 72"	160

#### No. 310 Bulletin Board Cabinet Features:

- Quality construction; neatly mitered corners
- Natural or Medium Oak finish; Mahogany, Cherry and Maple finishes optional
- Claridge Cork, Fabricork, Designer Fabric or Hook-Fab (Grooved felt and vinyl directory panels optional)
- 3-1/4" perimeter; inside depth is 1-1/4"
- Sliding glass door shoe, channel and track are heavy-gauge extruded aluminum, bronze finish
- Z-bar hangers
- Fluorescent lights are optional



Bulletin Board		Weight
Number	(H × W)	Lbs.
310	36" x 48"	78
310A	36" x 60"	98
310B	36" x 72"	118
310C	48" x 60"	130
310D	48" x 72"	156
Freight class	100.	



#### **370 Series Recessed Cases**

Sliding	Hinged		
Door	Door	Size	Weight*
Number	Number	H-W	Lbs.
372	372H	4' x 4'	135
373	373H	4' x 6'	204
374	374H	4' x 8'	272
375	375H	4' x 10'	340
376	376H	4' x 12'	408
378	378H	4' x 16'	544

4' and 6' cases have 1 pair sliding doors, 8' and 10' cases have 2 pair, and 12' and 16' have 3 pair.

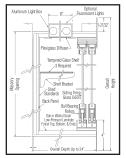
# Optional Fluorescent Glass Shelf Shelf Bracket Shelf Bracket Shelf Standard Tempered Sliding Glass Doors— Jackboard Back Panel Detected Oak or Welsen Gran Detected Oak or Welsen Gran Telos Botton & Ernés Telos Botton & Ernés Telos Botton & Telos Telos Botton &

#### Large Door Display Cases

		Shipping*
Number	Size H-W	Weight
394	6' x 6'	360 lbs.
395	6' x 8'	480 lbs.
396	6' x 10'	600 lbs.
397	6' x 12'	720 lbs.
398	6' x 14'	840 lbs.
399	6' x 16'	960 lbs.

6' and 8' cases have 2 pair of sliding doors; 10' cases have 3 pair; and 12', 14' and 16' units have 4 pair.

#### Large Door Detail





Freesto	anding	
Alum.	Wood	Wall
1	D	A A

Alum.	Wood	Wall	Case
Legs	Base	Mounted	Width
		479	3′0″
456	470	481	4′0″
457	471	482	5′0″
458	472	483	6′0″
463	474	484	8′0″
465	475	485	10'0"
467	476	486	12′0″
469	478	488	16′0″

3', 4', 5' and 6' cases have 1 pair sliding doors; 8' and 10', 2 pair; 12' and 16', 3 pair.



#### 370 and 390 Recessed Trophy Cases

#### Features:

- Aluminum fronts with satin anodize finish
- Tackable back panels in Claridge Cork, Fabricork, Hook-Fab, Designer Fabric or Tan Nucork
- Low-pressure laminate back panels in Oak or Walnut finish
- 3/16" tempered glass doors with finger pulls, locks and keys
- Three 6, 8, 10 or 12-inch wide adjustable glass shelves with standards and brackets (specify width required when ordering)

#### Options:

- Wood Box specify depth (up to 24") 16" depth standard - and finish - walnut or oak low pressure laminate
- Fluorescent light
- Medium or Dark Bronze Anodize, or Powder Coat Finish
- Hinged Doors, Radius and Fluted Fronts (370 Cases only)
- Custom Styles and Sizes

Masonry opening size for 370 and 390 cases is 3-11/16" smaller in both height and width than O.A. case size.

\*For weight of unit with wood box, add approx. 5 lbs. per sq. ft. for OA case size to weight shown. Freight Class 125.



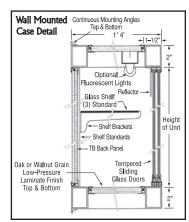
# Premiere Freestanding or Wall Mounted Display Cases Features:

#### • Heavy gauge aluminum frame - satin finish

- 3/16" tempered glass sliding doors with locks
- Three each 6, 8, 10 or 12" wide adjustable glass shelves
- Tackable back panel in Claridge cork, Fabricork, Hook-Fab, Designer Fabric or Tan Nucork
- Low-pressure laminate back panels in Oak or Walnut grain finish
- Aluminum legs and bases of Freestanding cases are 18" high; OA height 5'6"; floor leveling glides included
- Wall mounted cases OA height 4'0"; furnished with angle hangers
- 13-3/4" ID, 16" OD
- Two and three section cases made in one piece

#### Options:

- Medium or Dark Bronze Anodize or Powder Coat Finish
- Fluorescent Lights
- Intermediate Sizes



#### Lecture Units & Credenzas

No. 517-4CH



Lecture Unit	Credenza	Size	Type Wood and Finish	
509-4N	602-4N	4′	Oak natural	
509-4M	602-4M	4′	Oak medium	
509-6N	602-6N	6′	Oak natural	
509-6M	602-6M	6′	Oak medium	
512-4MS	603-4MS	4'	Mahogany	
512-6MS	603-6MS	6′	Mahogany	
516-4MA	616-4MA	4′	Maple	
516-6MA	616-6MA	6′	Maple	
517-4CH	617-4CH	4′	Cherry	
517-6CH	617-6CH	6′	Cherry	
518-4PL		4′	Plastic Laminate	
518-6PL	•	6′	Plastic Laminate	

#### Contemporary Style Lecture Units and Credenzas Cabinet Features:

- Radius corners (except 518's); square corners optional
- White LCS-II low gloss porcelain enamel writing surface
- 1691 Quartz Designer Fabric bulletin board inside doors (other fabrics and colors optional)
- Concealed hangers for easy and secure installation Lecture units 3-3/4" deep; credenzas 16" deep

#### Credenza Features:

- Radius Corners
- Two Shelves
- Recessed Toe Space
- Hinged Doors; ball catches; wooden door knobs

#### Accessories:

- 1 white sketching pad
- 4 LCS markers and 1 eraser
- Display Rail with cork insert
- Spring clip hooks for charts

#### Options:

- Matte White projection screen
- Fluorescent Light
- LCS inside doors in lieu of bulletin board
- Laminate lecture units with square corners
- Lock and Keys

Note: 4' Credenzas have two doors, 6' Credenzas have three.

No. 604-4WN Credenza with matching No. 508-4WN Lecture Unit. Both are walnut with natural finish.



#### Conference Room Chalkboards, Markerboards, Tackboards and Combination Units

#### Features:

- 2" Natural or Medium finish oak frame with black accent strip
- LCS-II markerboard or porcelain chalkboard writing surface
- Markerboards, Chalkboards, and Combination units have marker tray

Tackboards are available with Claridge Cork, Fabricork, Designer

Fabric, Hook-Fab and Tan Nucork

- Combination units available with any of the above materials
- Z-bar hangers furnished

#### Options:

- Mahogany, maple or cherry finishes optional
- Map rail optional
- Custom match finishes



No. 210E

Chalkboard/			Size
Markerboard	Tackboard	Combination	(H - W)
210	213	210E	4' x 4'
210A	213A	210F	4' x 6'
210B	213B	210G	4' x 8'
210C	213C	210H	4' x 10'
210D	213D	210K	4' x 12'

#### **Wood Finishes**

Wood finish color samples are reproduced with reasonable accuracy. If match is critical call or write for actual samples. Custom match finishes optional.







Mahogany



Cherry



## Specification Information

#### **GENERAL**

DESCRIPTION OF WORK

Section Includes:

- 1. Porcelain enamel chalkboards
- 2. Porcelain enamel markerboards
- 3. Tackboards and accessories
- 4. Marker Walls and Tack Walls
- 5. Vertical and Horizontal sliding units

Related Sections:

- 1. Directories
- 2. Display Casework

#### REFERENCED STANDARDS

- A. ASTM-E 84
- B. ASTM B221

#### **SUBMITTALS**

- Shop Drawings: Provide shop drawings for each type of visual display board required.
- B. Product Data: Provide technical data for materials specified. Include Material Safety Data Sheets, when applicable.
- C. Samples:
  - 1. Manufacturer's color charts
  - Composition samples of face, core, backing material and trim to illustrate finish, color and texture.

#### **OPERATION & MAINTENANCE**

Include data on regular cleaning, stain removal, and precautions

#### REGULATORY REQUIREMENTS

Conform to applicable code for flame/smoke rating in tackboards in accordance with ASTM-E 84.

#### QUALITY ASSURANCE

Provide items in this section as manufactured by: Claridge Products and Equipment, Inc. Harrison, Arkansas 72602-0910 Phone: 870/743-2200 Fax: 870/743-1908

#### FIELD CONDITIONS

Field measure prior to preparation of shop drawings and fabrication to ensure proper fit.

#### WARRANTY

Submit "Life of the Building" warranty, stating that under normal usage and maintenance, and when installed in accordance with manufacturer's instructions and recommendations, Claridge porcelain enamel steel chalkboard and markerboard writing surfaces are guaranteed for the life of the building. Guarantee covers replacement of defective boards but does not include removal or reinstallation cost.

#### **PRODUCTS**

#### **MANUFACTURERS**

Visual display boards - chalkboards, markerboards, and tackboards - as manufactured by: Claridge Products & Equipment, Inc., Harrison, Arkansas 72602

#### **MATERIALS**

- A. All visual display boards shall be Series \_\_\_\_\_ (architect to select from Series 1, 3, 4, 5, 8 or 185) factory laminated and factory framed chalkboards, markerboards or tackboards.
- B. Porcelain enamel Markerboards/ Chalkboards: All porcelain enamel markerboards and chalkboards shall be manufactured in accordance with the Porcelain Enamel Institute's specifications. The steel surface is pre-cleaned to ensure complete bond between the steel and the porcelain surface.
  - . LCS-II Markerboard and Porcelain Chalkboard: Made from cold-rolled steel, during a 3-coat process both steel surfaces receive a ground coat of porcelain enamel. Then, a color cover coat of porcelain is applied to one surface of the ground coat and is fusion bonded to the steel substrate at temperature necessary to reduce steel and porcelain stresses.
    - a. Face Sheet: LCS-II or Porcelain Chalkboard

- b. Core Material: 7/16" Medium Density Fiberboard (MDF)
- c. Backing: Moisture barrier back
- Laminations: Shall be hot-type neoprene contact adhesive applied to both surfaces automatically. Each substrate to have minimum of 80% covering with 1.5-2.0 dry mils of adhesive. Panel components shall have uniform pressure applied mechanically over entire area. Laminations shall be made by face sheet manufacturer.
- Sizes: Standard height is 4 feet.
   Porcelain markerboards and
   chalkboards shall be available in single
   piece lengths up to 16 feet.
- C. Tackboards: Archifect to select from tackboards composed of 1/4" thick self-healing, burlap backed Claridge cork; Fabricork vinyl fabric on cork underlay; Hook-Fab fabric on cork underlay; Designer polyester fabric on cork underlay; or 1/4" Tan Nucork, all on 1/4" hardboard backing.
- D. Metal Trim and Accessories: Provide Series

  \_\_\_\_\_ aluminum extrusions as manufactured
  by Claridge Products and Equipment, Inc.
  Trim shall be heavy gauge extruded
  aluminum and shall meet or exceed ASTM
  B221 Alloy Standards. Finish to be etched
  and anodized satin finish standard. Color
  Anodized and Powder Coat Paint finished
  trim optional.

Chalktray/Marker Tray: Standard continuous, solid type aluminum Chalk Tray/ Marker Tray with ribbed section and injection molded end closures, or standard continuous hollow tray with injection molded end closures; metal end closures optional. Map Rail: Standard continuous 1" (2" optional) map rail with cork insert and end stops at the top of each chalkboard or markerboard, complete with the following accessories:

- 1. Map Hooks: Provide 2 map hooks for each 4 feet of map rail.
- Roller Brackets: Provide \_\_\_\_ per map rail.
- Flag Holder: Provide \_\_\_\_\_ per map rail.
   Colors: As selected from manufacturer's standard colors. Color charts on request.
- F. Adhesive: As recommended by manufacturer.

#### **FABRICATION**

- A. Shop assembly: Provide factory assembled chalkboard, markerboard, and tackboard units, except where field assembled units are required.
  - LCS-II Porcelain Enamel Steel
     Markerboards or Porcelain Enamel Steel
     Chalkboards
    - a. Face Sheet: Porcelain Enamel Steel
    - b. Core: 7/16" MDF
    - c. Backing: Moisture barrier back
  - Claridge Cork Tackboards
     a. Face Sheet: 1/4" cork
    - b. Binder: burlap
    - c. Backing: 1/4" hardboard

#### **EXECUTION**

#### PROJECT CONDITIONS

- Verify before installation that interior moisture and temperature approximate normal occupied conditions.
- B. Verify that wall surfaces are prepared and ready to receive boards.

#### INSTALLATION

A. Deliver factory built units completely assembled in one piece without joints wherever possible. Where dimensions exceed panel size, provide 2 or more pieces of equal length as acceptable

- at the factory, disassemble for delivery, and make final joints at the job site. Use H-bar at joints to maintain alignment.
- B. Follow manufacturer's instructions for storage and handling of units before installation.
- Install level and plumb, keeping perimeter trim straight in accordance with manufacturer's recommendations.

#### ADJUST AND CLEAN

- Verify that all required accessories are installed for each unit.
- B. At completion of work, clean

surfaces and trim in accordance with manufacturer's recommendations, leaving all materials ready for use.

See www.claridgeproducts.com for complete specifications and CAD library.