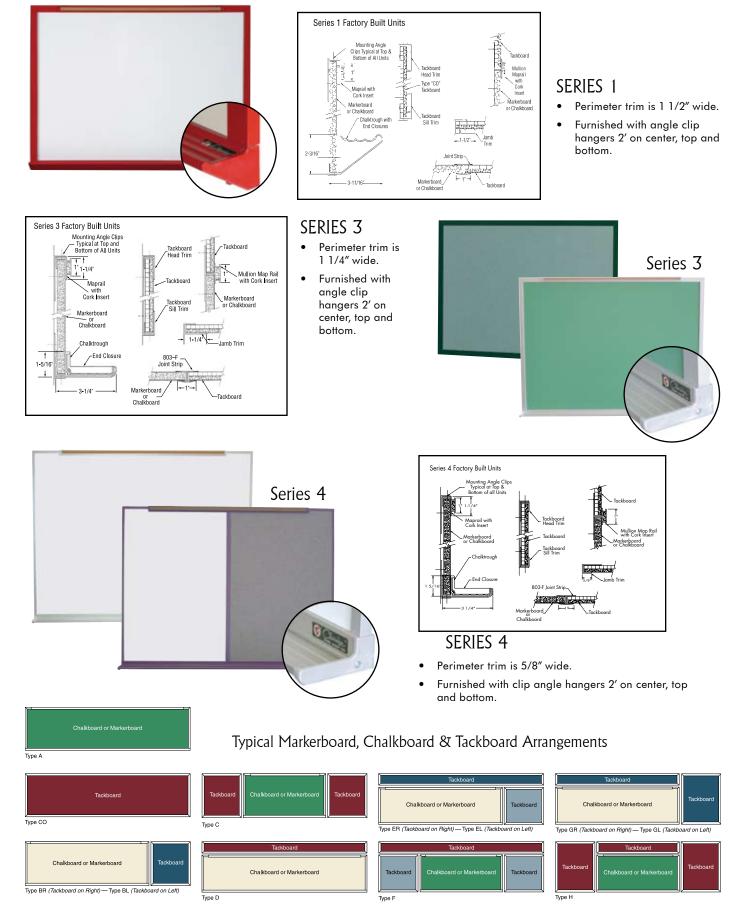


Clavidge MAIN OFFICE AND PRODUCTION FACILITY 601 Highway 62-65 South P. 0. Box 910 Harrison, Arkansas Zip 72602-0910 Phone: 870-743-2200 Toll Free: 800-434-4610 Fax: 870-743-1908 claridae@claridaeproducts.com CLARIDGE LOS ANGELES Manufacturing & Distribution 1477 Davril Circle Corona, California Zip 92880-6957 Phone: 951-734-6262 Fax: 951-734-6464 claridge@claridgewest.com EASTERN DIVISION Sales and Warehouse 500 Ogden Avenue P.O. Box 189 Mamaroneck, New York Zip 10543-0189 Phone: 914-381-5330 Fax: 914-381-2145 east@claridgeproducts.com MIDWEST DIVISION Sales and Warehouse 713 South Vermont Street Palatine, Illinois Zip 60067-7138 Phone: 847-991-8822 Fax: 847-991-9057 mw@claridgeproducts.com SOUTH CENTRAL DIVISION Sales and Warehouse 3248 Towerwood Drive Farmers Branch, Texas Zip 75234-2315 Phone: 972-247-8075 Fax: 972-484-8149 sc@claridgeproducts.com 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

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# Series 5

# Factory Built Units

#### Features:

- Porcelain enamel steel LCS markerboards and • Vitracite 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"

#### Options:

सिक्कि

ackboard

Markerboard or Chalkboard

Joint Strip -

Markerboard. Chalkboard, or Tackboard Jamb Trim

Mullion Maprail

with Cork Insert

- 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.

# SERIES 8

SERIES 5

Perimeter trim is

Furnished with steel

top and angle clips

mounting clips at

at bottom, 2' on

5/8" wide.

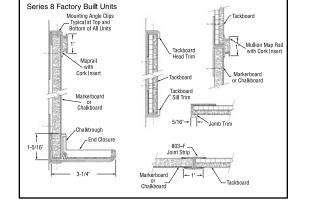
center.

- Perimeter trim is 5/16" wide.
- Furnished with clip angle hangers 2' on center, top and bottom.

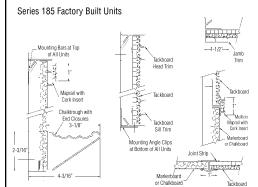
# SERIES 185

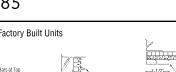
- Perimeter trim is 1-1/2" wide.
- Furnished with Z-bar clips for top and angle clips for bottom, 2' on center.

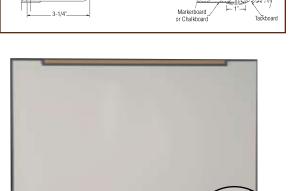
Note: Necessary 12" square, 1/2" Duracore blocking pads are furnished.



# Series 185







Tackboard

Head Trim

Tackboard Sill Trim

=þ

Tackboard

Mounting Angle Clips Typical at Bottom of All Units

Series 5 Factory Built Units

. Maprail with

Cork Inser

Markerboard or

Chalkboard

Chalktrough

End Closure

Steel Mounting Bars

at Top of All Units

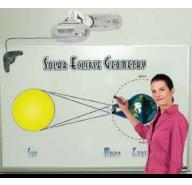


### S873 Markerboard and Visual Communication System

Claridge LCS-II low gloss porcelain writing surface combines with 3M's SCP712 Super Close Projector and digital annotation sensor to provide an ideal solution for memorable presentations.

- LCS-II with low-gloss surface for easy writing, clean erasing, and crisp projection;
- notched aluminum frame for cord managementProjector mounts
- Projector mounts above the board virtually eliminating all shadows for interactive markerboard use
- Super Close Projector has single button operation; wall mounting provides for the unit to be positioned and ready to use at a moment's notice

Easy to use, simple to install.



## L2EBS3 - LCS-II and eBeam System 3 Complete

The world's smallest interactive markerboard solution AND an LCS-II porcelain enamel steel markerboard with a low gloss ideal for writing, erasing and projecting - all at the same time.

- eBeam receiver is permanently attached to the face of the markerboard
  - eBeam Complete software and all accessories included
- Satin anodized aluminum frame with 3/8" face



management through a deep, notched design

- Z-bar hangers for easy installation.
  - LCS-II-217-M No. 75 LCS-II Low-Gloss White Markerboard Face Sheet MDF Core Moisture Barrier Backing LCS Porcelain Enamel Steel Markerboard Skins – 2 colors Vitracite Porcelain Enamel Steel Chalkboard Skins – 3 colors

# 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 now offers three porcelain enamel writing surfaces:

- LCS-II markerboard dry-erase writing surface in #92 White or #75 Low Gloss
- LCS markerboard dry-erase writing surface for face sheets and skins
- Vitracite chalkboard writing surface

#### Vitracite® Chalkboard and LCS® Markerboard Steel Skins

(Made from aluminized steel sheets)

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 16A Adhesive, commercial adhesive, or double-sided tape, in accordance with local building codes.

# INTRODUCING LCS EZ STICK SKINS

Designed to make resurfacing existing boards a breeze, EZ Stick Skins are LCS 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.



# **INTRODUCING EZ FIT PANELS**

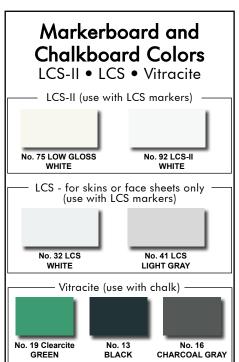
Designed to fit over existing boards, EZ Fit panels are LCS-II in either #92 White or #75 Low Gloss. Porcelain writing surface is mounted on hardboard with moisture barrier back. Panels have  $\frac{1}{2}$  face satin anodize aluminum frame. Holes are pre-drilled 2' on center; 1" countersink screws included.

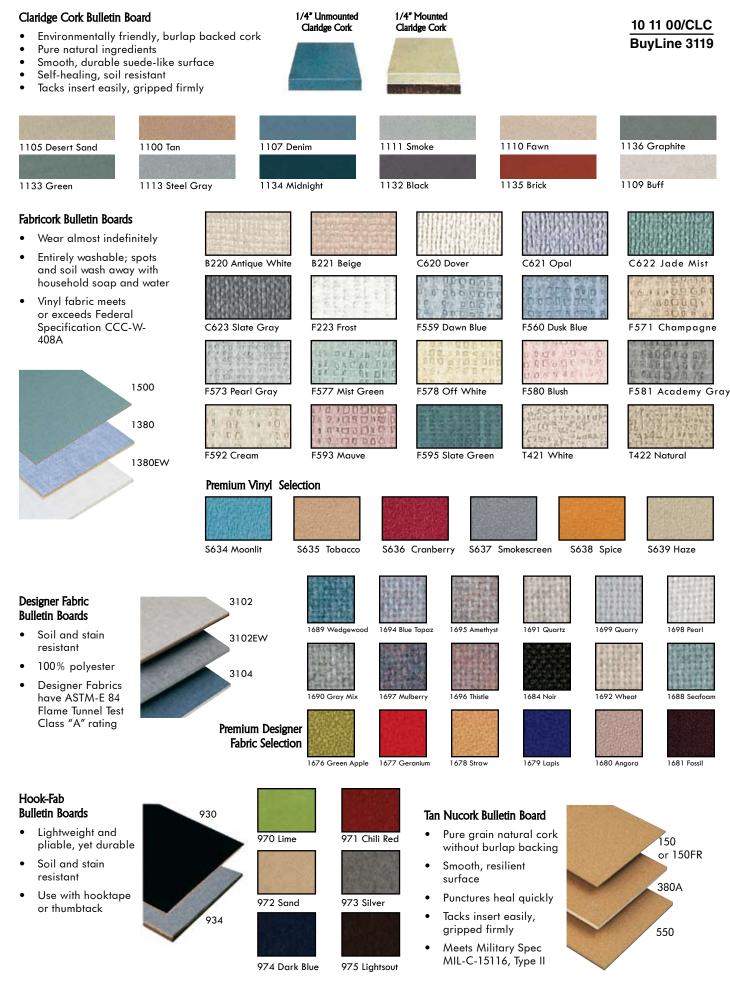










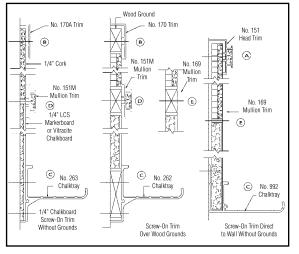


### Snap-On Aluminum Trim Detail

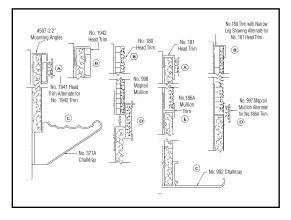
#### Surface Applied Metal Grounds Surface Applied Continuous Grounds with Clips No. 77 Ground No. 274B Mullion - No. 275B Maprai No. 275A Maprail No. 272B Mullion -1 D lo. 277M No. 274A Ground No. 272A Mullion Maprail (A)E No. 77M \_\_\_No. 277 Ground No. 277 - No. 277 Ground Clip Ground Ground Clin ÷ No. 277W Clip -No 277W A E – No. 277W Ground Clip Ó Ground Clip Ground Clip No. 77 Ground © No. 273B Trim $\bigcirc$ <u>N</u>o. 273A Trim \_No. 278 CTW Clic в No. 277 No. 278 No. 271B Chalktrav Ground Clip Ground Clip в No. 271A Chalktray 5 No. 277W No. 78 Ground Ground Clip

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



### Slip-On Aluminum Trim Detail



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

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.

↑ B

Trim Selection Elevation

Type A

Type D

Type CO

Type F Ŕ

Î

1

1

h

↑ c

R

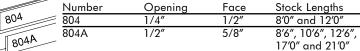
B

# Divider Bars, Channel Trim & Angle Trim

_ Diffact Dato			
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.

#### 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.

162

160

161

Divider Bars

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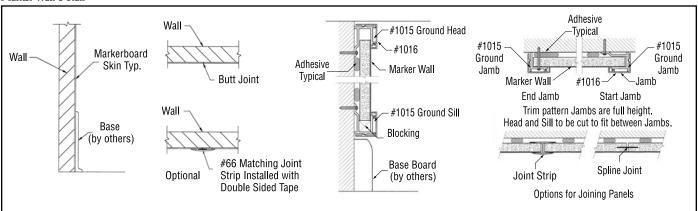
### Marker Walls

# LCS Porcelain Enamel Steel Skins with matched butt joints are ideal for most wall conditions.

- 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, mounted on 7/16" MDF, has matched butt 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



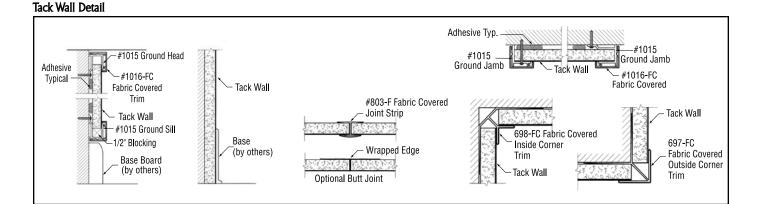


#### **Tack Walls**

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

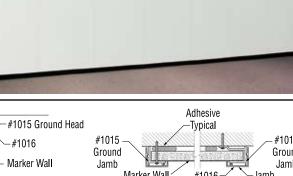
- Choose from Fabricork and Designer Fabric colors
- Ideal for offices, board rooms, conference rooms, etc.
- Edge-wrapped panels can be custom-made to fit existing walls

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



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## 10 11 00/CLC BuyLine 3119





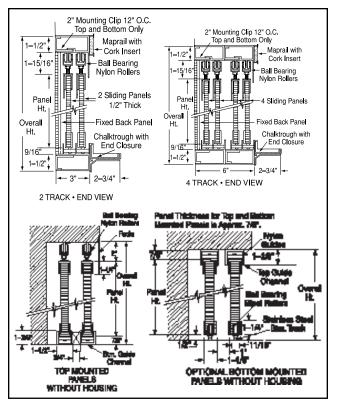
#### Horizontal Sliding Units

- 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 markerboard; Vitracite 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



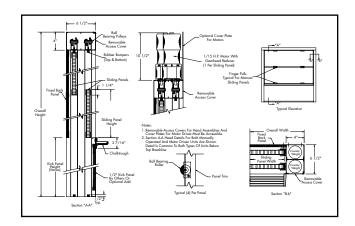
#### Vertical Sliding Units

- 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 markerboard; Vitracite 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 Operated

Floor Mo	unted	Wall Mounted			
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**

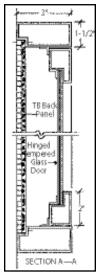
#### Features:

- 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 hanaers
- Available with header panel

#### Options:

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

#### 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)

Without

Header

Number

294

296

297

298

Med. or Dk. Bronze Anodize; Powder Coat Finish

### 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

#### **Imperial Series** With

Header

Number

300

302

303

304

#### panel **Options:**

- Medium or Dark Bronze anodize, or Powder Coat finish
- Fluorescent light



Size

 $(H \times W)$ 

36″ x 48

36″ x 72

48" x 60"

48" x 72"



2041 Contemporary Cabinet

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

Weatherproofed **Contemporary Cabinet** 

#### 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.

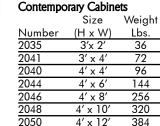
# No. 310 Bulletin Board Cabinet

#### Features:

- Quality construction; neatly mitered corners
- Natural, Medium or Dark Oak; Walnut, Mahogany, Cherry, and Maple, 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

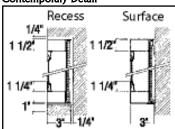


<b>Bulletin Board</b>	Size	Weight
Number	(H x W)	Lbs.
310	36" x 48"	78
310A	36″ x 60″	98
310B	36″ x 72″	118
310C	48″ x 60″	130
310D	48" x 72"	156
Freight class 1	00.	



Intermediate sizes available.

#### Contemporary Detail





### 10 11 00/CLC BuyLine 3119

Weight

Lbs.

80

120

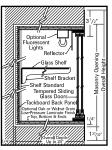
135

160



#### 370 Series Recessed Cases

Sliding Door Number	Hinged Door Number	Size H-W	Weight* 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



verall eight

Large Door Detail

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

#### Large Door Display Cases

Number	Size H-W	Shipping* 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.



#### Premiere Display Cases

Freestanding					
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.

# Series 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.

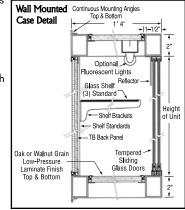


Premiere Freestanding or Wall Mounted Display Cases Features:

- 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
508-4WN	604-4WN	4′	Walnut natural lacquer
508-4WO	604-4WO	4′	Walnut with oil
508-6WN	604-6WN	6′	Walnut natural lacquer
508-6WO	604-6WO	6′	Walnut with oil
509-4N	602-4N	4′	Oak natural lacquer
509-4M	602-4M	4′	Oak medium finish
509-4D	602-4D	4′	Oak dark finish
509-6N	602-6N	6′	Oak natural lacquer
509-6M	602-6M	6′	Oak medium finish
509-6D	602-6D	6′	Oak dark finish
512-4MS	603-4MS	4′	Mahogany stained
512-6MS	603-6MS	6′	Mahogany stained
516-4MA	616-4MA	4′	Maple with natural finish
516-6MA	616-6MA	6′	Maple with natural finish
517-4CH	617-4CH	4′	Cherry with stain
517-6CH	617-6CH	6′	Cherry with stain
518-4PL		4′	Plastic Laminate
518-6PL		6′	Plastic Laminate

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

- 2" dark finish oak frame with black accent strip (natural or medium • oak at no additional cost)
- LCS markerboard or Vitracite 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
- Keyhole hangers furnished

#### **Options:**

- Genuine walnut, mahogany, maple or cherry optional
- Map rail optional
- Custom match finishes

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'

#### 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

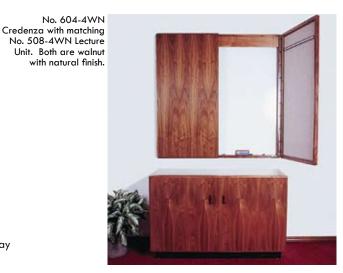
#### Accessories:

- 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.



# 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.



Ebony











Mahogany Stain

Maple Natural

**Cherry Stain** 

No. 210E

# **Specification Information**

# GENERAL

### DESCRIPTION OF WORK

#### Section Includes:

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

#### Related Sections:

1. Directories 2. Display Casework

#### REFERENCED STANDARDS

#### A. ASTM-E 84

B. ASTM B221

# 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 Markerboard and Vitracite 1 Chalkboard: Made from aluminized steel sheets, the porcelain enamel surface is fusion bonded to one side during a single process and is fired at lowest possible temperature to reduce steel and porcelain stresses and achieve superior enamel bond and hardness.
  - 2. LCS-II Markerboard: Made from coldrolled 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

#### SUBMITTALS

- Shop Drawings: Provide shop drawings for Α. each type of visual display board required. Product Data: Provide technical data for
- materials specified. Include Material Safety
- Data Sheets, when applicable. C. Samples:
  - Manufacturer's color charts 1.
  - 2. 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-F 84

> bonded to the steel substrate at temperature necessary to reduce steel and porcelain stresses.

- b. Core Material: 7/16" Medium Density Fiberboard (MDF)
- c. Backing: Moisture barrier back 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. 4. Porcelain markerboards and chalkboards shall be available in sinale piece lengths up to 16 feet.
- C. Tackboards: Architect to select from tackboards composed of 1/4" thick selfhealing, 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 Allov Standards. Finish to be etched and anodized satin finish standard. Color Anodized and Powder Coat Paint finished trim optional.

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.
- 2. Roller Brackets: Provide per map rail.
- 3. Flag Holder: Provide \_ \_\_\_\_ per map rail. E. Colors: As selected from manufacturer's
- standard colors. Color charts on request. Adhesive: As recommended by manufacturer

#### FABRICATION

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

# **EXECUTION**

#### PROJECT CONDITIONS

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

- Follow manufacturer's instructions for storage Β. and handling of units before installation.
- C. 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.

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#### instructions and recommendations. Claridae porcelain enamel steel chalkboards and markerboards are guaranteed for the life of the building. Guarantee covers replacement of defective boards but does not include removal or reinstallation cost

QUALITY ASSURANCE

FIELD CONDITIONS

WARRANTY

Provide items in this section as manufactured by:

Claridge Products and Equipment, Inc.

Phone: 870/743-2200 Fax: 870/743-1908

Field measure prior to preparation of shop

drawings and fabrication to ensure proper fit.

Submit "Life of the Building" warranty, stating

Chalktray/Marker Tray: Standard

that under normal usage and maintenance, and

when installed in accordance with manufacturer's

Harrison, Arkansas 72602-0910

surface of the ground coat and is fusion

- a. Face Sheet: LCS, LCS-II or Vitracite
- 3. Laminations: Shall be hot-type neoprene