

ORDERING SIGMA BARRIER™ UNITS

Mott's Sigma Barrier™ coating provides excellent moisture and corrosion resistance in applications that involve high levels of wetness and humidity. Sigma Barrier™ protects steel from rusting in wet environments by not only forming a protective barrier between the steel and the environment, but also going one step further than paint, to provide electrochemical protection of the steel.

Complete protection - Every part of a Sigma Barrier™ article is protected, including recesses, sharp corners and inaccessible areas. Mott's thermosetting laboratory grade powder coating delivers excellent chemical and scratch resistance, but the Sigma Barrier™ coating provides additional defense from tough lab environments.

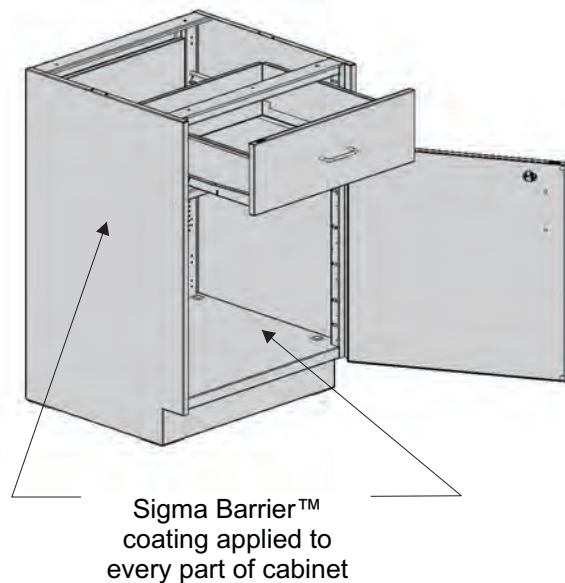
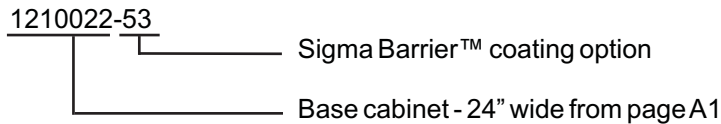
Toughest coating - Mott's Sigma Barrier™ special galvanized coating has a unique metallurgical structure, which gives outstanding resistance to damage that can occur in transport, installation and servicing.

Full Range of Cabinetry and Components - The full range of powder coated Sigma Systems™ cabinetry, hoods and miscellaneous components are available with the Sigma Barrier™ coating to meet your lab's specific requirements.

Contact Mott for detailed Sigma Barrier™ test results.

OVERVIEW EXAMPLE

To add Sigma Barrier™ coating to a cabinet.

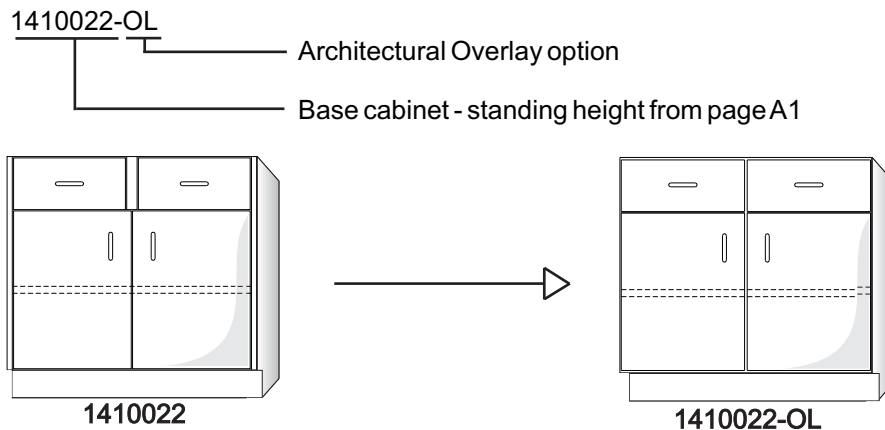


ORDERING ARCHITECTURAL OVERLAY UNITS

Sigma Systems™ laboratory furniture is available with a wide variety of features to meet specific application requirements. The full range of Sigma Systems™ cabinetry - from base cabinets to tall floor mounted cabinets - is available in our Architectural Overlay design. To specify Architectural Overlay, select the two digit part number suffix from below and add this suffix after the standard part number, separated with a dash.

OVERVIEW EXAMPLE

To order architectural overlay on a drawer/door cabinet.

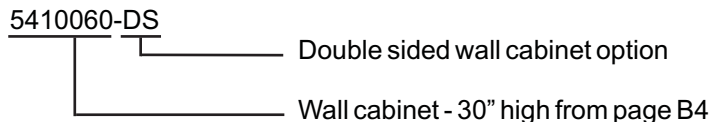


ORDERING DOUBLE SIDED WALL UNITS

Sigma Systems™ laboratory furniture is available with a wide variety of features to meet specific application requirements. The full range of our Sigma Systems™ wall cabinets are available in our double sided design. To specify double sided wall cabinets, select the two digit part number suffix from below and add this suffix after the standard part number, separated with a dash.

OVERVIEW EXAMPLE

To order double sided wall cabinets.



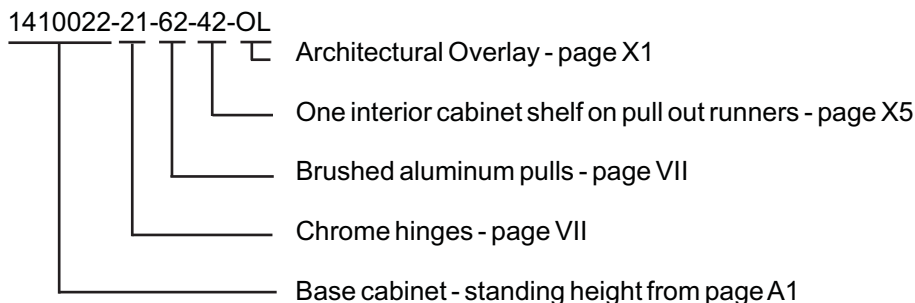
For fume hood option codes -
see last page of fume hood section

ORDERING SPECIAL FEATURES

Sigma Systems™ laboratory furniture is available with a wide variety of features to meet specific application requirements. To specify any feature, select the two digit part number suffix from the list below and add this suffix after the standard part number, separated with a dash.

OVERVIEW EXAMPLE

To order chrome hinges, brushed aluminum pulls, and a pull-out shelf on a drawer/door cabinet.



HOW TO SPECIFY FEATURES

Two steps are required to specify the chosen option for each furniture component. If dimensional changes are required please see section "Ordering Special Features; Non-Standard Sizes" on page X8.

STEP ONE - COMPULSORY FEATURES

The appropriate hinge and handle option must be specified for each cabinet (except solvent storage) and table.

Door Hinges

One option must be selected from this option group for cabinets that require door hinges. See page VII for hinge details.

Option #	Description
21	Chrome hinges (Standard)
22	Black steel hinges
23	Stainless steel hinges
24	Stainless steel overlay hinges
29	Other customer specific hinge - see note 8

Door and Drawer Pulls

One option must be selected from this option group for cabinets that require door and drawer pulls. See page VII for door and drawer pull details.

Option #	Description
16	Ship handles not installed
60	Black nylon pull
61	Stainless steel wire pull
62	Brushed aluminum pull (Standard)
63	Chrome pull
64	Flush black ABS pull
65	Flush aluminum pull
66	Flush PVC black pull
67	Full width flush pull
68	Chromed wire pull
69	Other customer specified pull - see note 2
6A	Recessed stainless steel tapered pull

For fume hood option codes -
see last page of fume hood section

ORDERING SPECIAL FEATURES

STEP TWO - OPTIONAL FEATURES

Select any of the following options as the application requires.

<u>Option #</u>	<u>Description</u>
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Cabinet & Miscellaneous Options

00	Required cabinet has drawer and/or door configuration similar to basic part noted. A minor configuration change is required with no changes in the cabinets outside dimensions from the basic part number specified - <i>see note 1</i>
01	Full extension drawer runners
02	Label holders on all doors/drawers
03	Numeric or alpha identification disks on all doors/drawers - <i>see note 2</i>
04	Standard louver configuration on doors - <i>see note 3</i>
05	Non-standard louver configuration on doors - <i>see note 1</i>
06	One table non-removable shelf
07	Cut-outs for electrical and/or plumbing services - <i>see note 1</i>
08	Theft proof panel installed in cabinet c/w locks - <i>see note 16</i>
09	Stainless steel waste flap
10	One drawer divider per drawer - <i>see note 14</i>
11	Multiple drawer dividers per drawer - <i>see note 1</i>
12	Pull out writing board - all cold rolled steel - <i>see note 8</i>
13	Pull out writing board - cold rolled steel & high pressure laminate writing surface
14	Ventilation grill in toe kick base - <i>see note 1</i>
15	Finished back on cabinet
17	Nylon coated levelers
19	Full width drawer on 5" high apron
25	150 lbs full extension drawer runners
26	200 lbs full extension drawer runners
48	Keyboard tray (replace drawer)
82	FRP liner for acid cabinets - <i>see note 4</i>
83	Self closing and latching doors for solvent cabinets
84	Galvanized bin insert
85	PVC bin insert- <i>see note 7</i>
89	Lazy susan storage unit for corner cabinets
90	Sink supports - <i>see note 6</i>
BL	"Base" Label (use this option code to replace standard label on Acid cabinets)
CP	Take photo of finished custom product
DL	Fluorescent light for specialty recessed drawer desk unit
DA	1" Double angle
F1	Welded finished top
F2	Welded finished top and back
FL	Fusible Link for Insulated Solvent Unit - <i>see note 7</i>
LA	Bilingual label (English/French)
LF	Longitudinal file
ME	Manual Eyewash
MF	Manual Faucet
NB	No base on cabinet
NF	No cabinet floor and toekick is integral with door
OL	Overlay design

For fume hood option codes -
see last page of fume hood section

ORDERING SPECIAL FEATURES

STEP TWO - OPTIONAL FEATURES (Continued)

Select any of the following options as the application requires.

Option # Description

Cabinet & Miscellaneous Options (Continued)

PC	Foot pedal cutouts centered
PL	Foot pedal cutout left hand side
PR	Foot pedal cutout right hand side
PP	Pre-plumbed (option code not to be used for fume hoods)
PW	Pre-wired (option code not to be used for fume hoods)
RB	Removable back on drawer cabinet
RL	Remote LED light for narcotic cabinet
SK	Skid item
SP	Silk Screen Printing (to replace standard labels on Acid and/or Flammable cabinets)
VK	Corrugated polyolefin vent kit for acid cabinets
WF	Wood fronts - see specification
WS	Supply hose to hook up with facility water supply

Hanging Cabinet Options

RP	Hanging rail flush position
HR	Hanging rail

Wall Cabinet Options

SL	Seismic lip
ZR	“Z” mounting rail
DS	Double sided wall cabinet - page X2
FR	Special mounting provisions for wall cabinets to suspend from Sigma Flex™

Floor Cabinet Options

80	Full height doors for wardrobe unit for floor cabinets
81	Coat rod for wardrobe for floor cabinets

Cabinet Locking Options

30	Standard locks on doors/drawers supplied and factory installed - see note 10
31	Provisions for standard locks on doors/drawers(holes & tabs) - see note 10
38	Other customer specified locks on doors/drawers supplied and factory installed - see note 9
39	Other customer specified locks on doors/drawers supplied and not factory installed - see note 9
BS	Best locks with removable core

Shelf Options

AR	Rear shelf angle
AF	Front shelf angle
AB	Front and rear shelf angle
40	One extra cabinet shelf - see note 5
41	Two extra cabinet shelves - see note 5
42	One interior cabinet shelf on pull-out runners - see note 15
43	Two interior cabinet shelves on pull-out runners - see note 15
44	Three interior cabinet shelves on pull-out runners - see note 15

For fume hood option codes -
see last page of fume hood section

ORDERING SPECIAL FEATURES

STEP TWO - OPTIONAL FEATURES (Continued)

<u>Option #</u>	<u>Description</u>
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Glass Options

45	DuoLite safety glass - <i>see note 12</i>
46	Tempered glass - <i>see note 12</i>
47	Customer specified glass - <i>see note 12</i>

Cabinet Material Options

50	304 stainless steel drawer bodies in powder coated cold rolled steel cabinet
51	Entire 304 stainless steel component
52	Entire 316 stainless steel component
53	Sigma Barrier™ galvanized steel coating - <i>see note 13</i>
54	304 stainless steel drawer bodies in Sigma Barrier™ galvanized steel cabinet
56	Other customer specified material

Removable Base Options

70	Removable base - front toe kick - <i>see note 17</i>
71	Toe kick - front & left side - <i>see note 17</i>
72	Toe kick - front & right side - <i>see note 17</i>
73	Toe kick - front & 2 sides - <i>see note 17</i>
74	Toe kick - front & back - <i>see note 17</i>
75	Toe kick - front, back, & 2 sides - <i>see note 17</i>
76	Replace toe kick base with 4 legs
77	Replace cabinet toe kick base tip proof casters
78	Replace cabinet toe kick base with 4 customer specified casters
79	Other customer specified base and/or toe kick - <i>see note 1</i>

Table Options

48	Keyboard tray (replaces drawer)
49	Adjustable height legs. Legs are adjustable in 1" increments, from 28-3/4" high to 34-3/4" high (worktop not included).
86	Extra table bracing- <i>see note 1</i>
87	Mobile table complete with casters - <i>see note 11</i>
88	Mobile table complete with customer specified casters
91	Table with no supports
92	Table with rear & side supports
93	Left side leg table - no supports
94	Right side leg table - no supports
95	Front table legs - no supports
HU	'U' frame table with floating rail to hang cabinets
WA	Welded table assembly - <i>see Note 18</i>

Adjustable Height Science Table

EM	Height adjustment option - integral electric motor for height adjustable Science Table
CD	Height adjustment option - powered with hand held cordless drill for height adjustable Science Table
CU	CPU hold that suspends computers below work surface
BH	Hook for hanging book bags below work surface
MS	Powder coated steel modesty panels
MW	Wood veneer modesty panels - <i>see specifications</i>

For fume hood option codes -
see last page of fume hood section

ORDERING SPECIAL FEATURES

STEP TWO - OPTIONAL FEATURES (Continued)

Option # Description

Overhead Service Carrier Options

SD Umbilical support structure used to carry utilities from the Chameleon™ carrier body up through the ceiling.

Sigma Cart™ Options

SF Stationary feet with levelers
AL Pair of hinged Supplementary Adjustable Legs (added to Sigma Carts™)

Optima™ Options

1B Single sided bulletin board, eliminates the use of service fixtures (standard Light Grey is supplied unless otherwise noted)
2B Double sided bulletin board, eliminates the use of service fixtures (standard Light Grey is supplied unless otherwise noted)
CR Powder coated retainer rod
SR Stainless steel retainer rod
C1 Two circuits - 48" wide 2500 series assemblies, see catalog page for more details
C2 Two circuits - 60", 72" & 96" wide 2500 series assemblies, see catalog page for more details
C3 Four circuits - 48" wide 2500 series assemblies, see catalog page for more details
C4 Four circuits - 60", 72" & 96" wide 2500 series assemblies, see catalog page for more details

1E One circuit - 48" wide 2100 series assemblies, see catalog page for more details
2E One circuit - 60", 72" & 96" wide 2100 series assemblies, see catalog page for more details
3E Two circuits - 60", 72" & 96" wide 2100 series assemblies, see catalog page for more details

Sigma Fusion™ Options

FM Special mounting provisions for single or double sided wall cabinets to mount to Sigma Fusion™ assembly

Sigma Flex™ Options

R1 Sigma Flex™ Island Service Drop
R2 Sigma Flex™ Wall Service Drop on right side
R3 Sigma Flex™ Wall Service Drop on left side
FR Special mounting provisions for wall cabinets to suspend from Sigma Flex™

For fume hood option codes -
see last page of fume hood section

ORDERING SPECIAL FEATURES

Explanatory Notes for Option Codes

1. Full dimensional and descriptive details (preferably including a sketch) must be included with the order.
2. Full descriptive details must be included with the order.
3. Standard louver configuration is one block of 6 louvers located near the bottom center of each door, each louver is approximately 3 inches wide by 5.5 inches long.
4. Use this option code to have cabinet lined with FRP instead of molded liner. Acid cabinets may be lined with FRP or have a molded liner. Type of liner is noted on catalog page.
5. Standard number of removable shelves per base cabinet with door(s) or wall cabinet is noted in the cabinet drawings of this catalog.
6. Sink support kit is required for under-counter mounted sinks used with Imperial Stone or Epoxy counter tops. Sink support kit not normally required for self rimming or integrally welded sinks.
7. Designed for use on solvent cabinets with self-closing option (-83). A fusible link holds doors open during use and melts at 165°F to automatically close doors in the event of a fire.
8. Writing surface is powder coated cold rolled steel.
9. Provide complete specification and source for all special option ordered.
10. Standard lock is cam lock. Every lock on every cabinet on order will be keyed alike unless otherwise specified.
11. Standard 4" high casters are swivel with rolling brake.
12. Standard glass is as follows:

All framed glass and sliding glass Floor Cabinets	1/4" (6mm) float glass
Sliding glass door Wall Cabinets	1/4" (6mm) float glass
Framed glass door Wall Cabinets	1/8" (3mm) float glass
13. Sink units are constructed with satin coat (galvanized) inner horizontal bottom base plate as standard.
14. Drawer divider runs depth of drawer.
15. Pull-out shelves replace standard removable shelf in base cabinets with door(s).
16. Lock option must be specified from cabinet locking options section.
17. Cabinet left and right are determined when facing the cabinet front.
18. This option code applies to Table Frames with part numbers starting with TAC, TAA, TAB, TCC, TCB and TCE.

ORDERING SPECIAL FEATURES Cont...

For fume hood option codes - see last page of fume hood section

NON-STANDARD SIZES

Specifying the part number of a non-standard size for a cabinet, table, and miscellaneous items is accomplished through the following steps:

1. Identify the required product configuration from the catalog drawings.
2. Identify the next largest or the largest standard product size from the catalog charts.
3. Identify the standard part number from steps 1 and 2 above.
4. Determine the non-standard part number by placing "S" at the beginning of the standard part number identified in 3 above.
5. After the non-standard part number, list options required according to the special features ordering codes in the "Ordering Special Features" section.
6. After the non-standard part number that includes all option codes, list in the noted sequence, the product's required:

Width, Height, Depth

Part numbers that relate to imperial units will have dimensions noted in inches, to the nearest quarter of an inch and noted to two decimal places. Part numbers that relate to metric units will have dimensions noted in millimeters.

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