

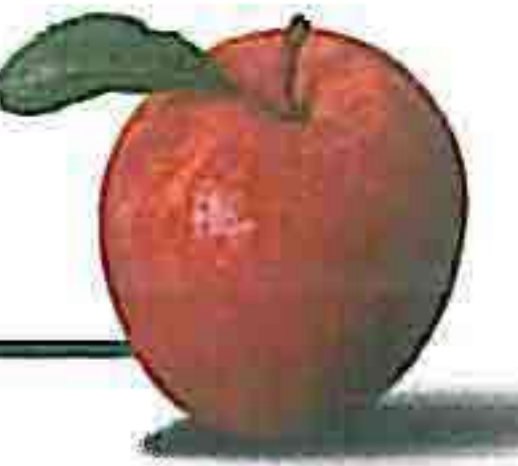


# DELTA

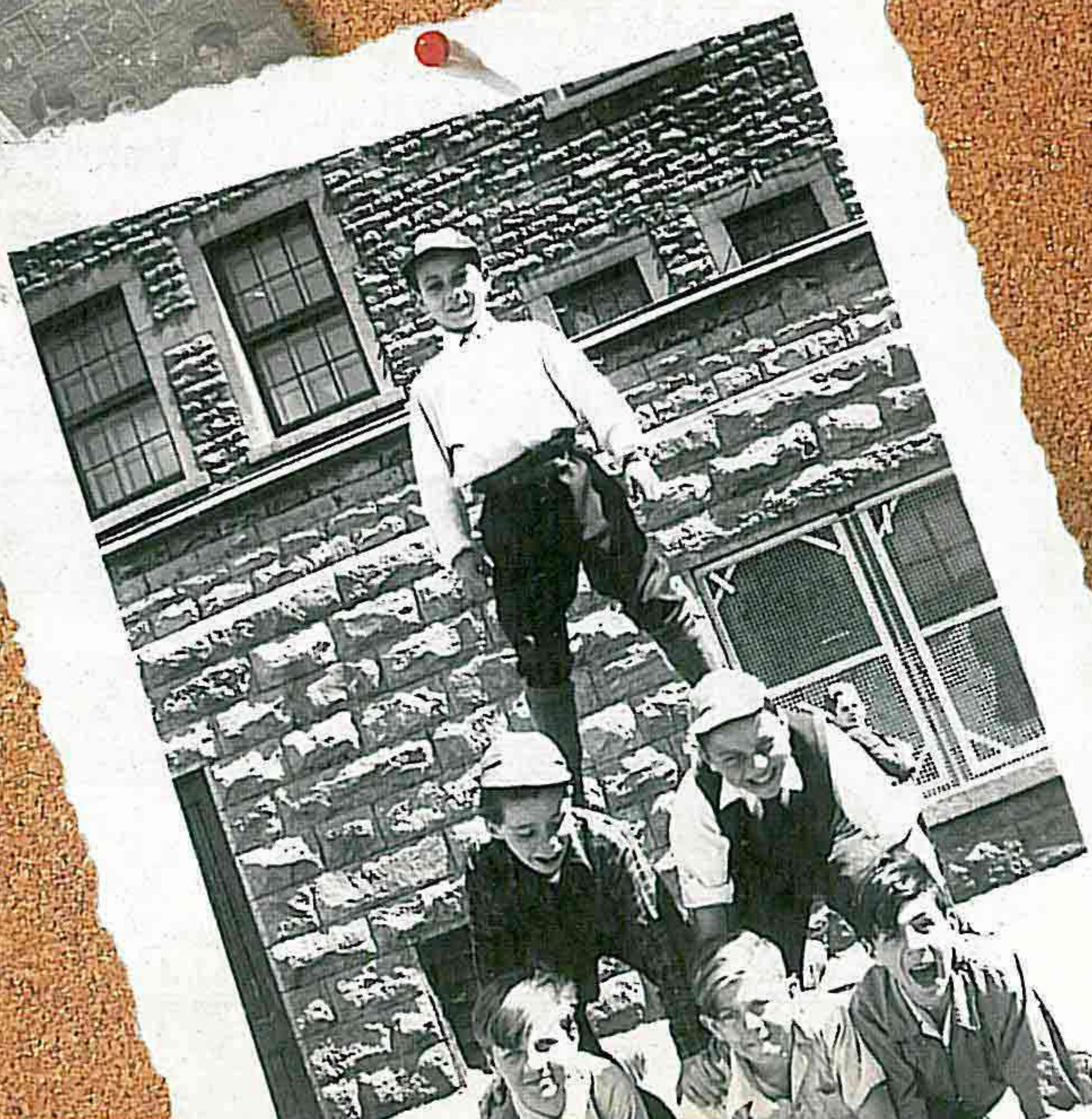
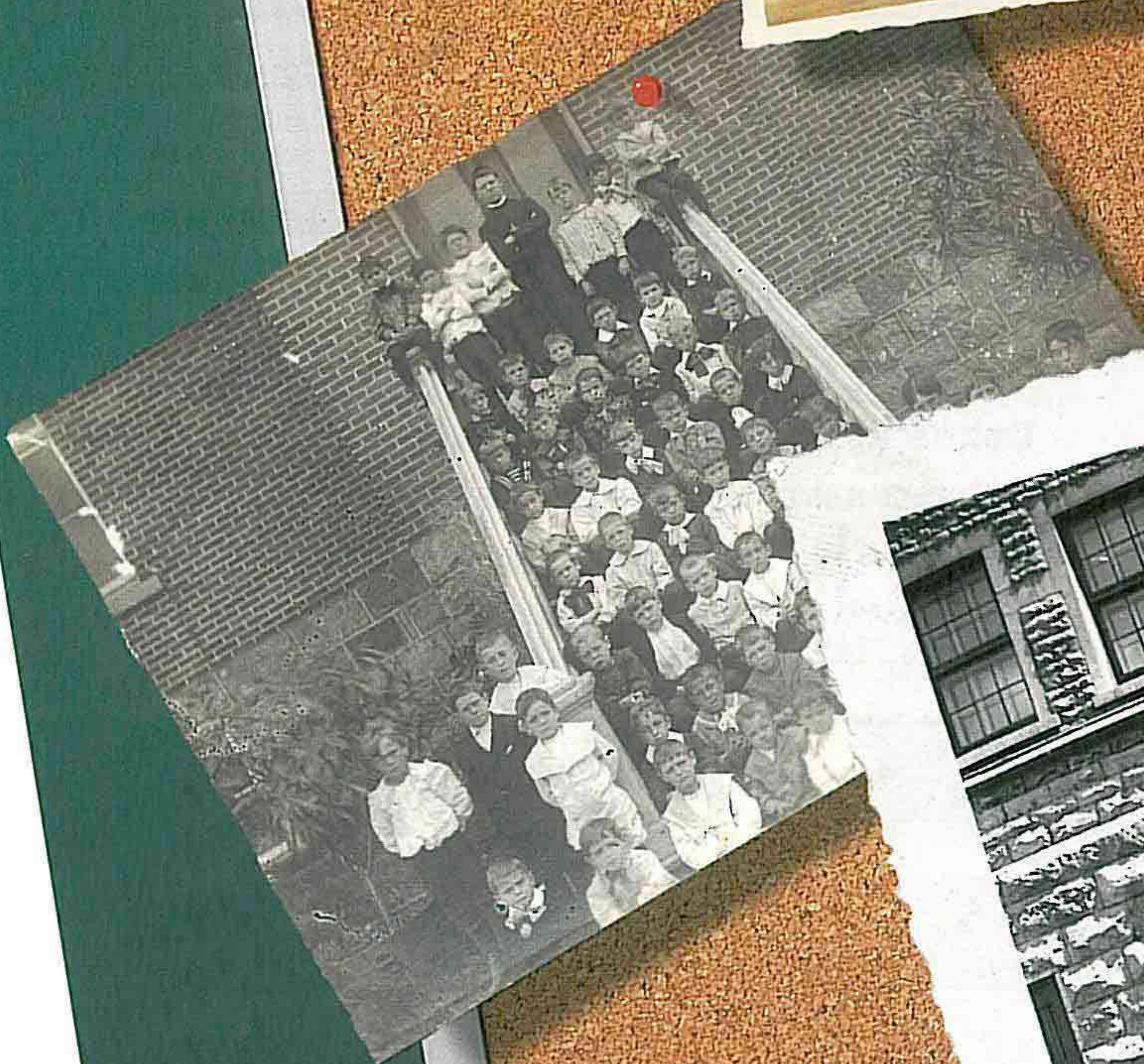
Experts in visual communication  
and collaboration solutions

10110 / DEL  
[www.delta-products.com](http://www.delta-products.com)

R E S I S T O



Serving the Education  
and Training Markets  
for more than 65 years -  
always with our  
"Yes. We Can Do That"  
attitude.

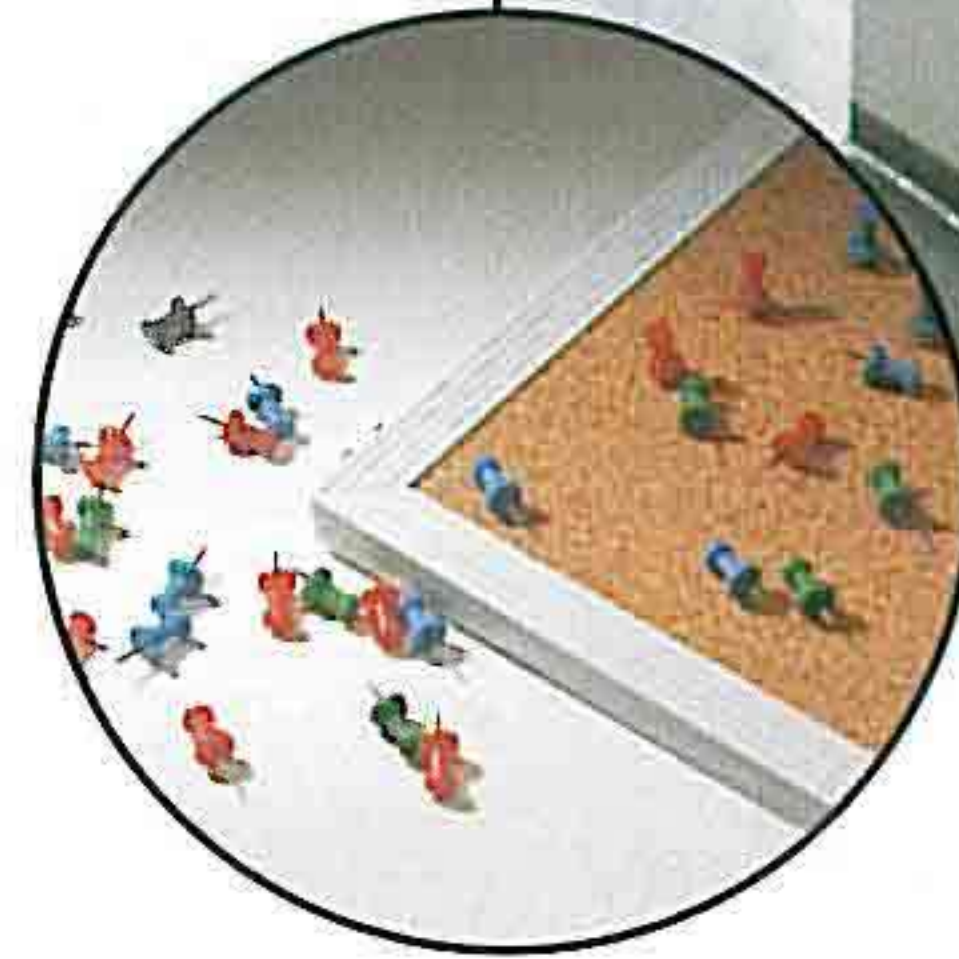




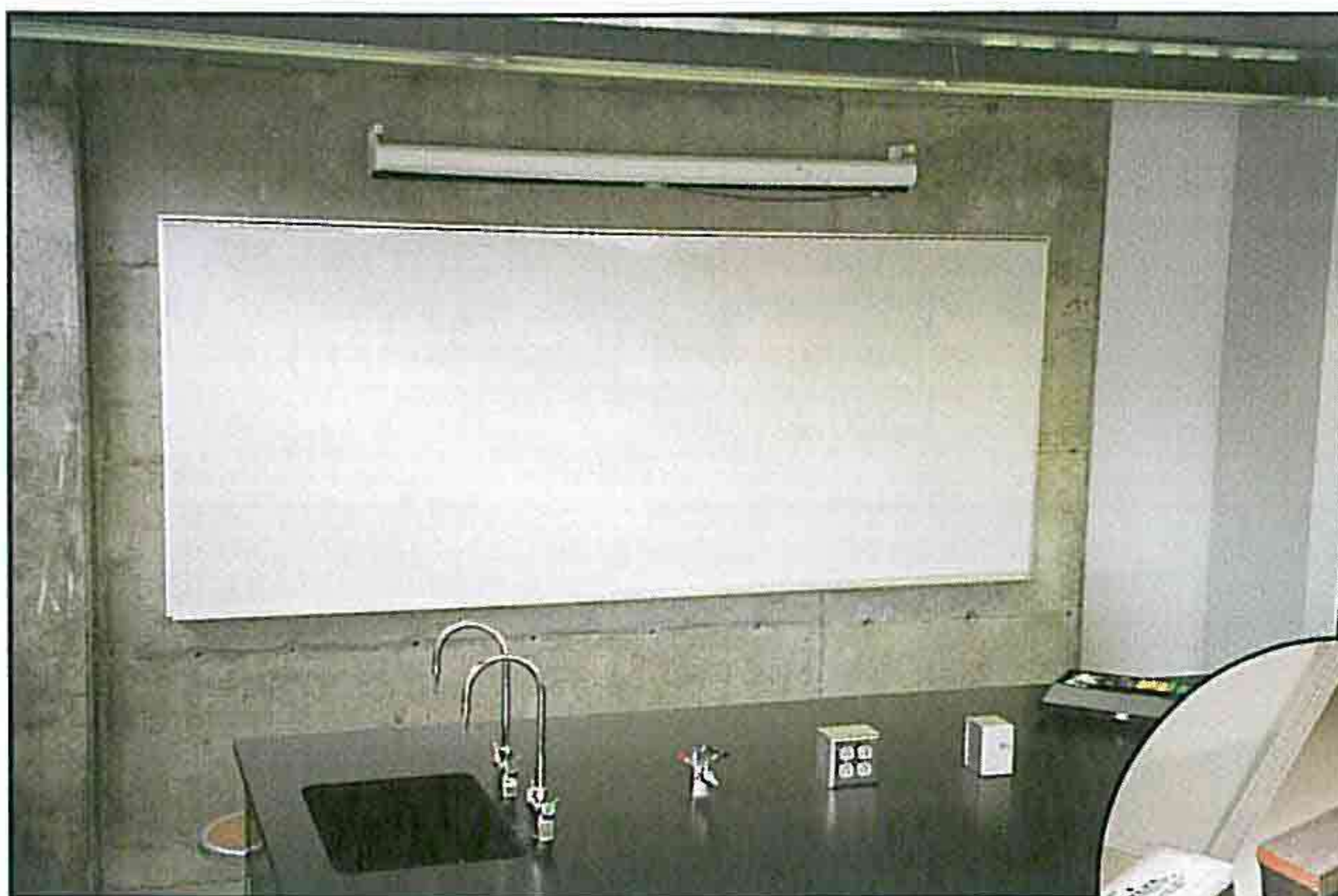


A pioneer in the development of visual communication products, **Delta** is recognized as a leading manufacturer to many market segments.

Since 1936, **Delta** has never stopped developing new manufacturing techniques and methods. This research and development enables us to offer quality products that address your particular job requirements while fulfilling architectural norms for new construction, renovation and/or expansion projects. Universities, colleges, schools, research labs and offices all trust **Delta's** products.



Bulletin Board



Whiteboard

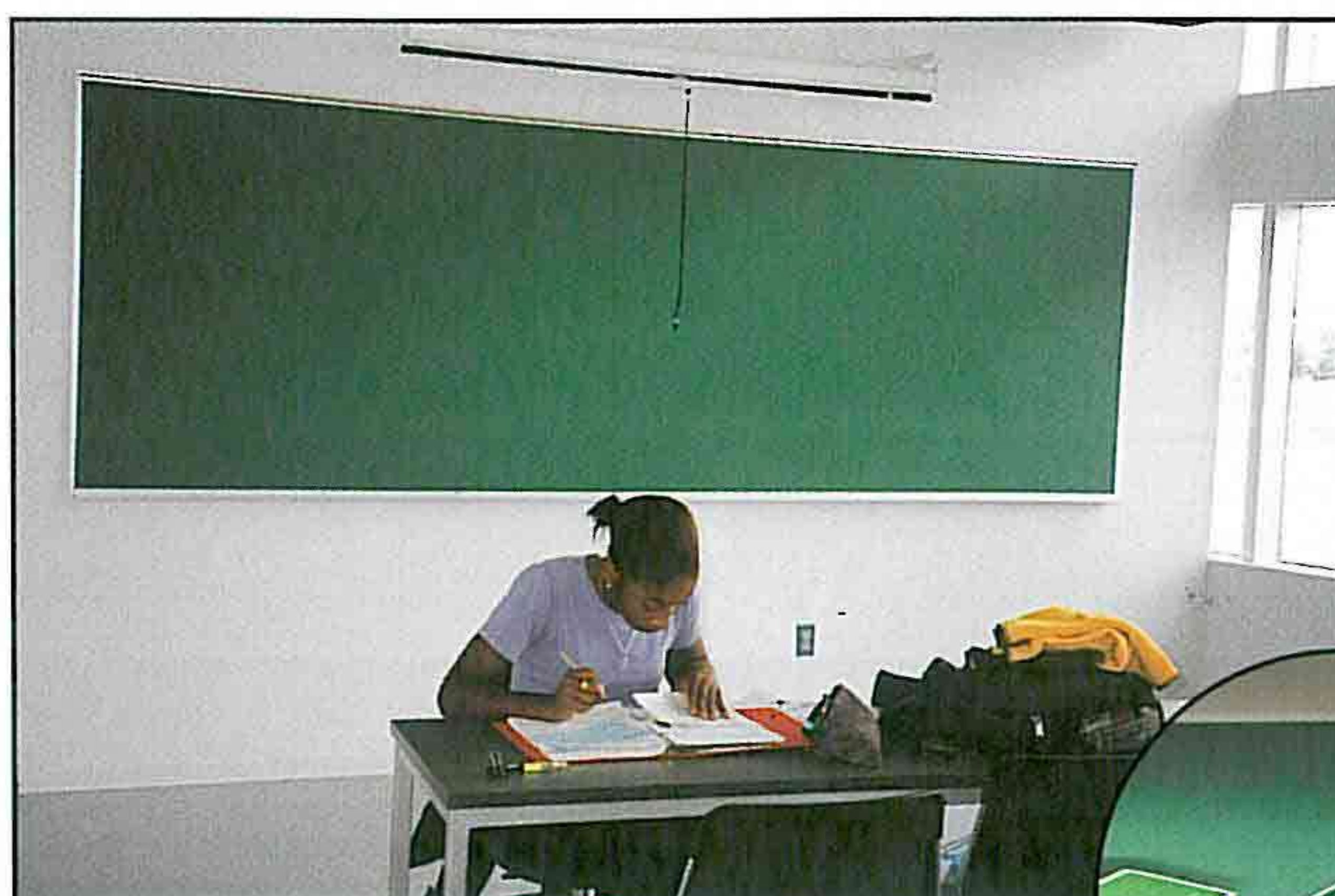


**Delta** manufactures a complete range of standard products. Additionally, we offer a Custom Board Service. Our team of experts will happily walk you through the design process, advise you on the suitability of materials, and supervise production to ensure that the finished product meets not only your original design concept, but also the quality criteria demanded by the marketplace.

Every **Delta** communication product is guaranteed for a minimum of thirty-six (36) months against manufacturing defects. A surface guarantee up to fifty (50) years is available. Please ask us for details.

**Delta's** communication products are distributed, and delivered, throughout North America. Contact us for the name of your local distributor.

**Delta's** RESISTO line is targeted principally towards architectural projects under division 10110. To assist you in writing your specifications, we would be pleased to provide you with a copy of our standard specifications. They can be requested at no charge from our website: [www.delta-products.com](http://www.delta-products.com) or by fax (1-800-363-5551).



Chalkboard

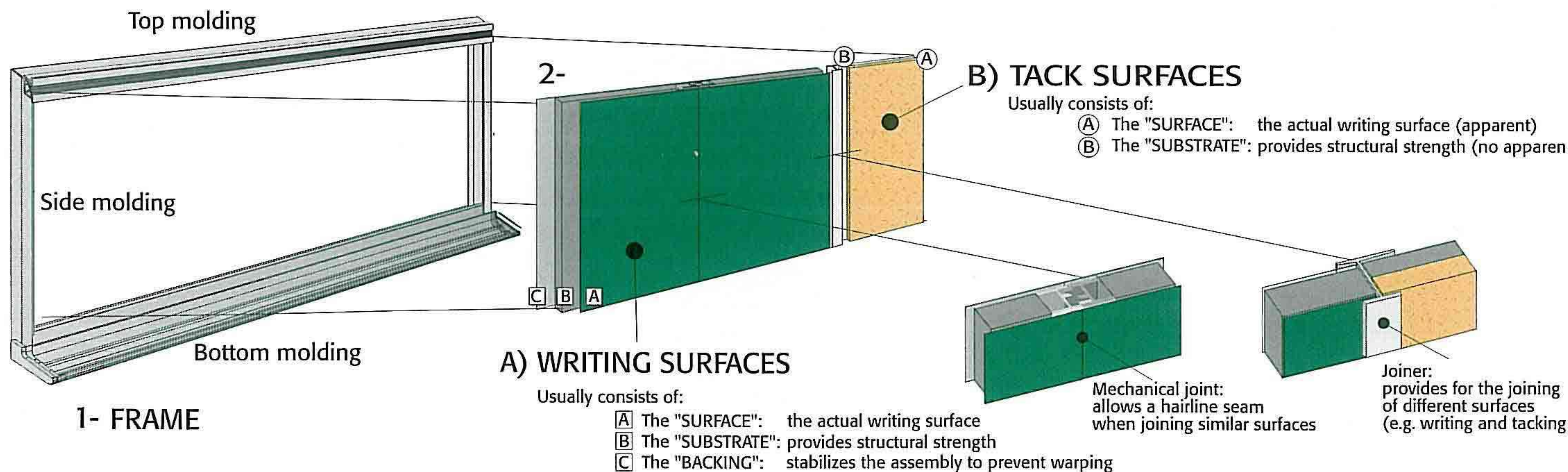




## A board consists of:

1. An extruded frame with a system of structural support, plus (The series number determines the style of extruded frame.)
2. A writing or tacking surface or a combination of both.

## BOARD CONSTRUCTION



## WRITING SURFACES

### USAGE GUIDE

Delta's Surfaces Performance Chart	Heavy use daily	Potential abuse vandalism public access	Modest use daily / weekly	temporary application home or office	personal use
<b>Duro</b> Whiteboard	■	■	■		
<b>Duro</b> Chalkboard	■	■	■		
<b>Vitro</b> Whiteboard	■		■	■	
<b>Vitro</b> Chalkboard	■	■	■		
<b>Permo</b> Whiteboard			■	■	■
<b>Permo</b> Chalkboard			■	■	■

### A) WRITING SURFACES

#### PERMO™:

A proprietary non-magnetic surface applied to hardboard. Suitable for light to medium use.

#### VITRO™:

Applied to treated enamelling steel and then heat cured, this magnetic surface is designed to provide years of intensive use. Available as either a dry erase or chalk surface.

The chalk surfaces undergo rigorous testing for wearability, flaking, gloss resistance, ease of writing, ease of erasing and resistance to chemicals before the Vitro name is applied. Accordingly, the Vitro chalk surface has been certified as conforming to BNQ-6696-100 standards.

#### DURO™:

A magnetic porcelain on enamel steel surface fired at 1,500 °F, this extremely hard and durable surface offers superior performance under almost all conditions. In the case of extensive dirt or surface shadowing, this surface may be cleaned with more aggressive chemicals in order to restore its original gloss and performance.

### B) TACK SURFACES:

#### NATURAL CORK:

100% natural - an ecological choice. Cork is the outer bark of the subus oak or cork oak tree, which grows principally in Spain and Portugal. The bark may be periodically harvested without damaging the tree. In order to produce quality tack surfaces, Delta uses only first quality Portuguese cork. Self healing is a natural benefit of Portuguese cork which allows the pin hole to close after the pin has been removed. Natural cork may also be painted to provide a coordinated color scheme.

#### DELUXE CORK:

An amalgam of natural cork, linseed oil resin and rubber creates an extremely smooth washable and durable surface which will provide many years of heavy-duty use. Ideal for environments where durability and cleanliness are essential.

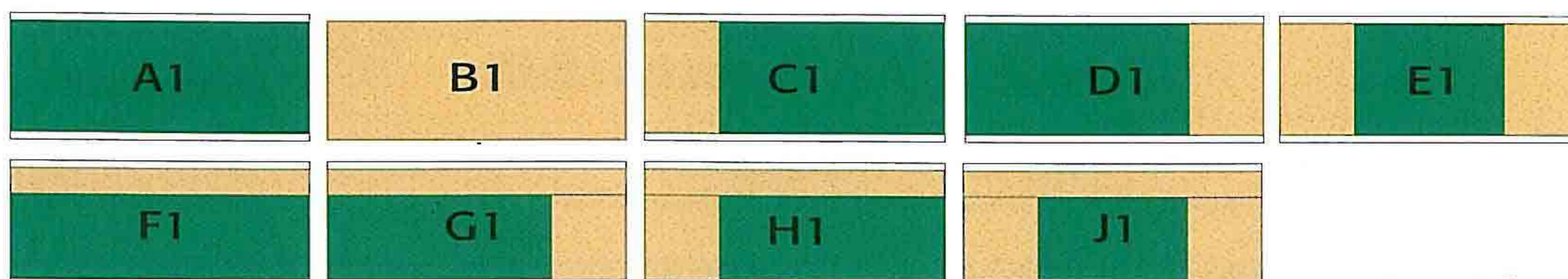
#### VINYCORK™:

A heavy duty fabric impregnated with vinyl and then pressure laminated onto a tacking surface substrate, this surface is offered in a variety of colours, is dirt resistant and easy to clean.

#### FABRITACK™:

First quality, heavy duty fabrics pressure laminated onto a tacking surface substrate providing years of surface and available in a wide variety of colors.

## Choose the type of surface and framing which best suits your needs:



Please note that we have illustrated only the nine most common styles of combination board. To see our complete style set, please visit our website: [www.delta-products.com](http://www.delta-products.com)



## STYLES OF COMBINATION BOARDS





## SERIES 20 THE CLASSIC

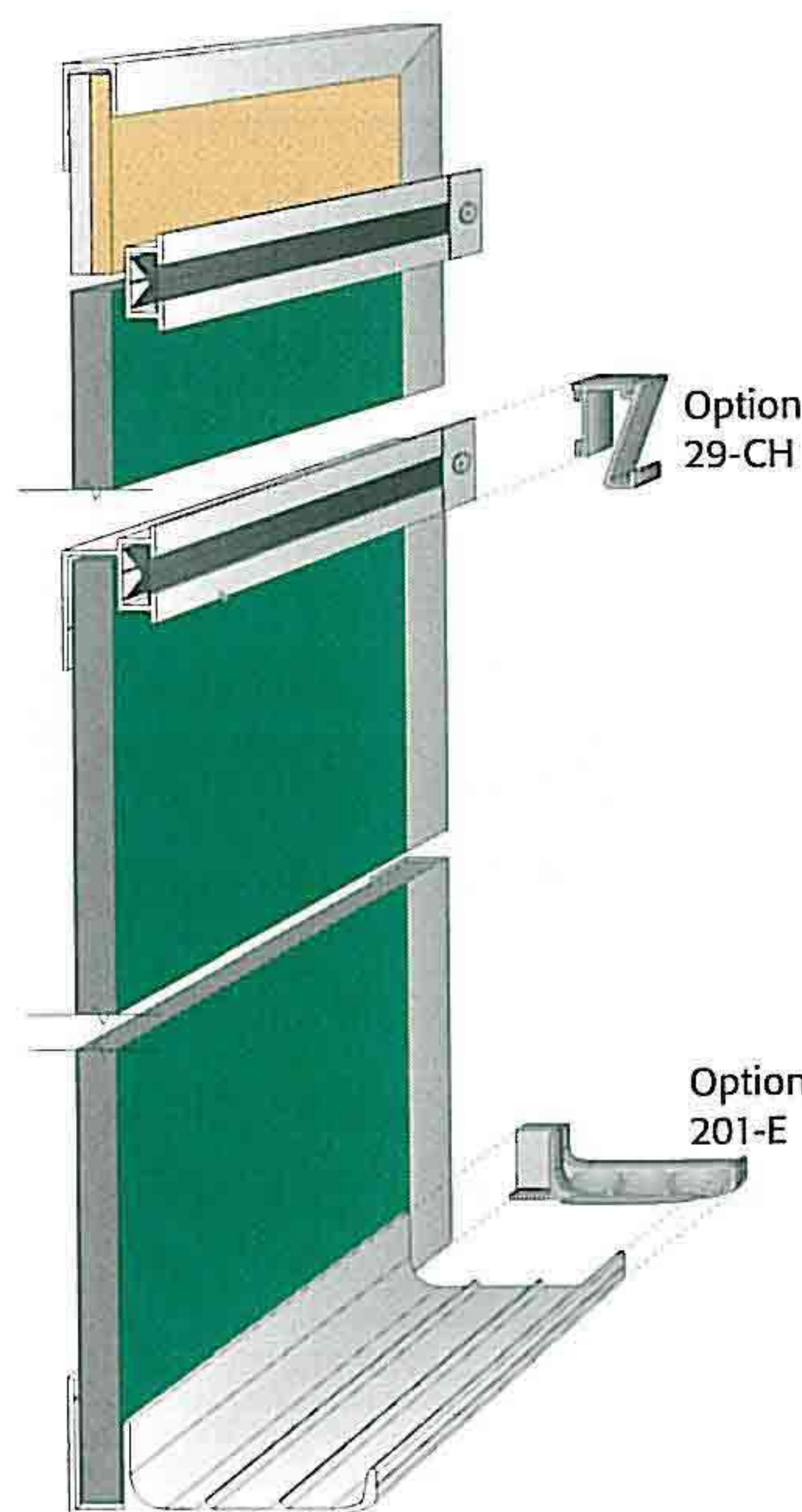
**Budget:**

**Installation:** [www.delta-products.com](http://www.delta-products.com)

- Fasteners: (300-BR) brackets
- \* (Needed only when the board is factory assembled.)

### Characteristics:

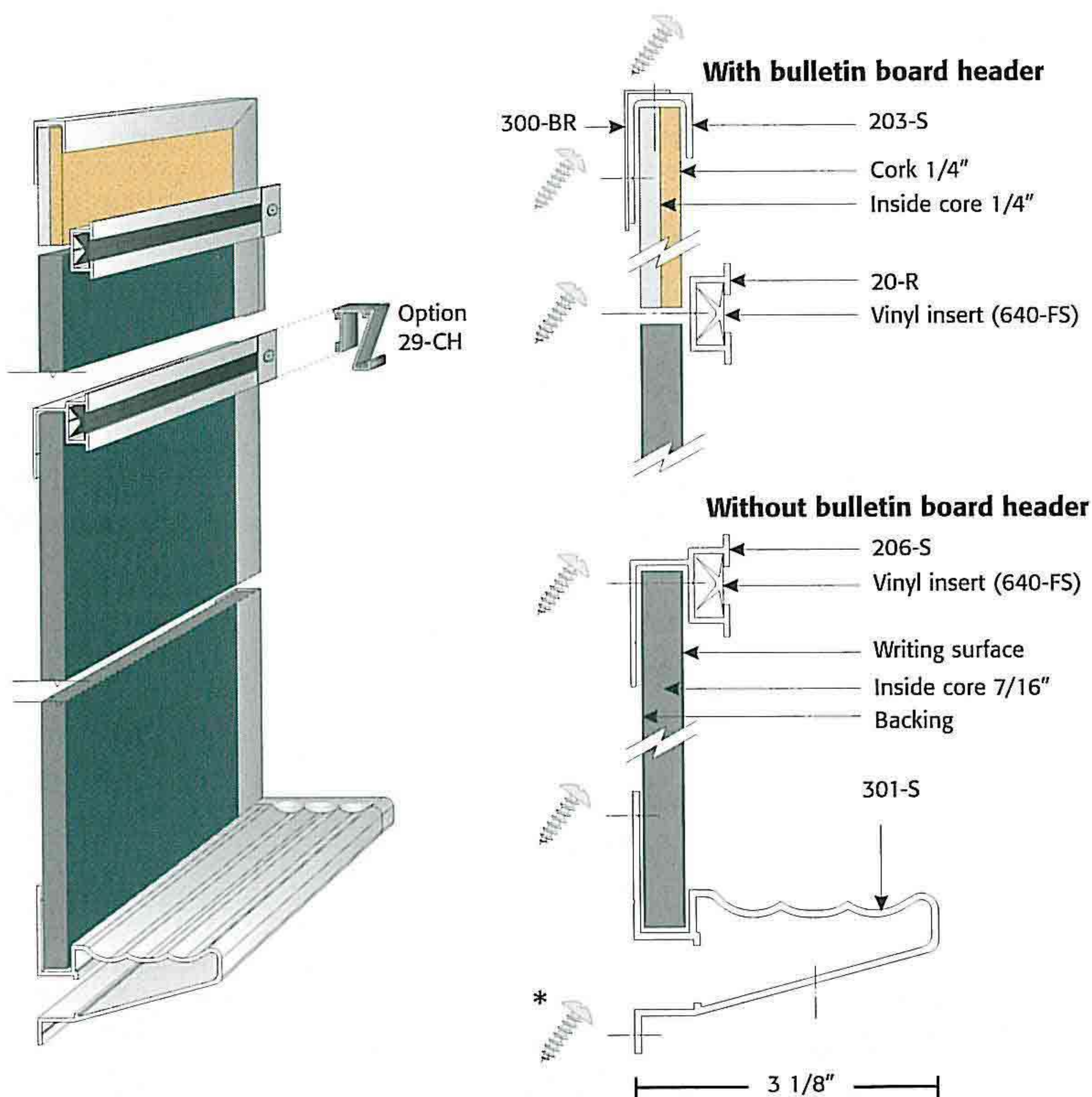
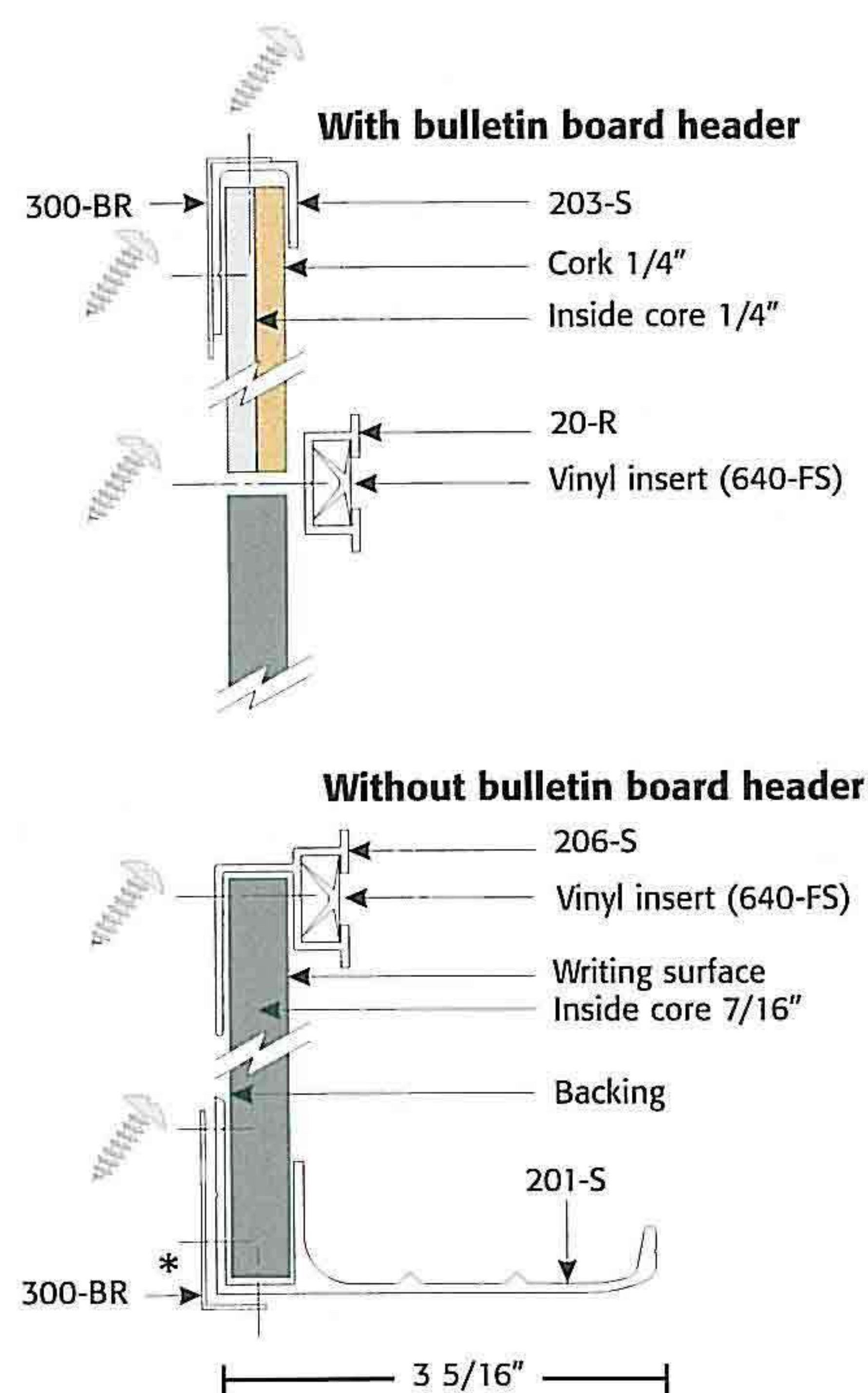
- Our most popular series for any type of educational application, offers the best price to quality ratio
- Both school and office applications
- Light frame yet tough enough to meet institutional standards
- Option: #201-E end caps for chalk or marker tray



### Legend:

see our web site:

[www.delta-products.com](http://www.delta-products.com)



**Budget:**

**Installation:** [www.delta-products.com](http://www.delta-products.com)

- Fasteners: 300-BR mounting brackets
- \*(Needed only when the board is factory assembled.)

### Characteristics:

- Safe configuration for heavy traffic and primary schools;
- Double wall heavy-duty chalk tray with #301-E end-caps.

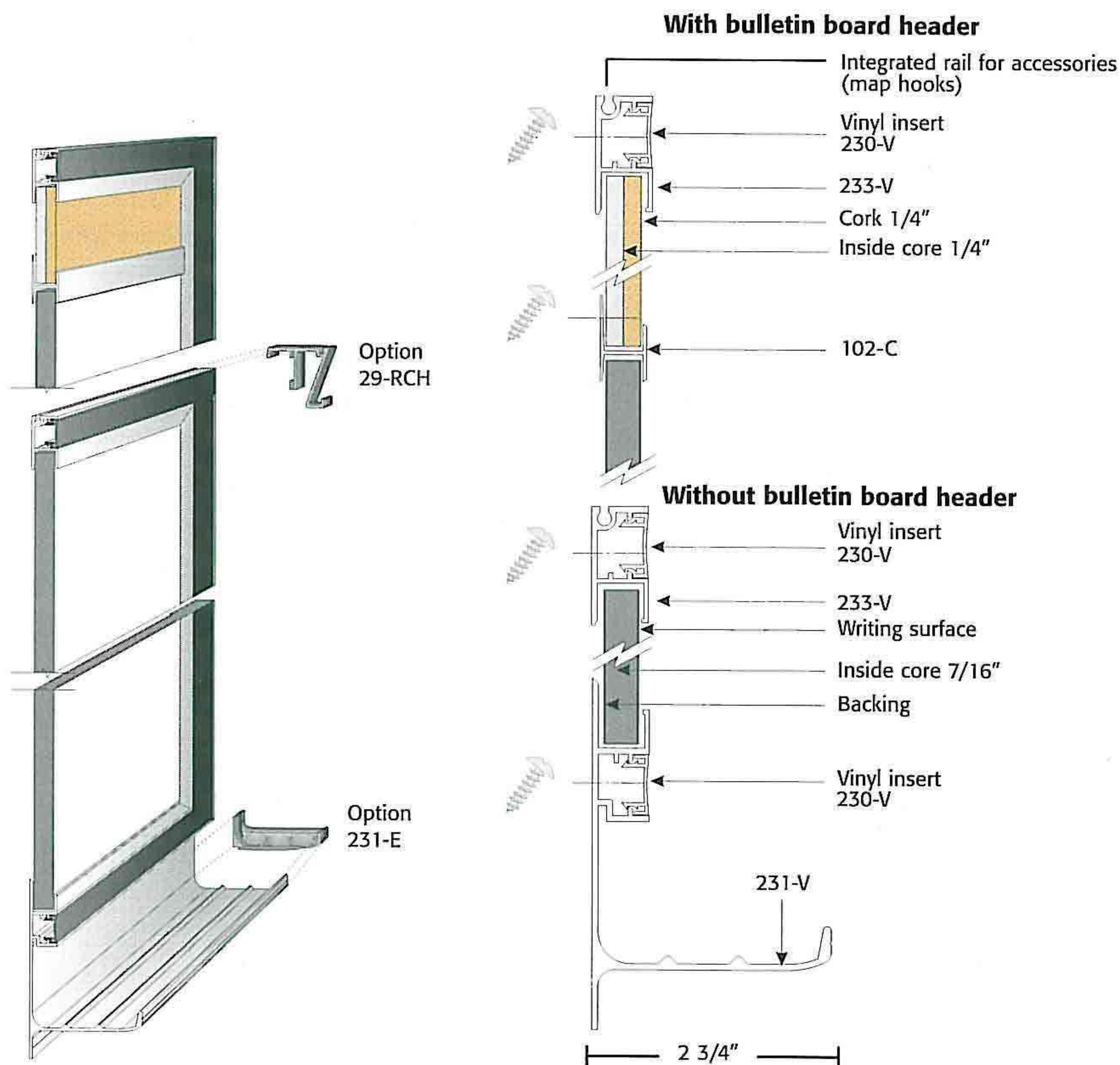
## THE ELEGANT SERIES 30



Usually, units up to 12' in length are factory assembled and shipped complete, ready for hanging. However, you should or we may consider whether there are sufficient reasons (site access, packaging weight and configuration, transport restrictions, etc.) to have the boards shipped in a ready-to-assemble kit form. When ordering, simply let us know which you would prefer.







## SERIES 23

### TOP OF THE RANGE

**Budget:**

**Installation:** [www.delta-products.com](http://www.delta-products.com)

- Fasteners: None. Installation screws are hidden under the removable rigid PVC frame insert.

#### Characteristics:

- High-level design
- #233-V perimeter frame includes an integrated map hook rail

#### Options:

- **Doublo:** Our Doublo Add-One Slider is designed to provide maximum surface space in limited square footage applications. The Add-One Sliders can double the working surface for a fraction of the cost of conventional horizontal sliders. Add-One Sliders can easily be installed within minutes. (See the illustration on our web-site);
- #231-E end caps for chalk or marker tray

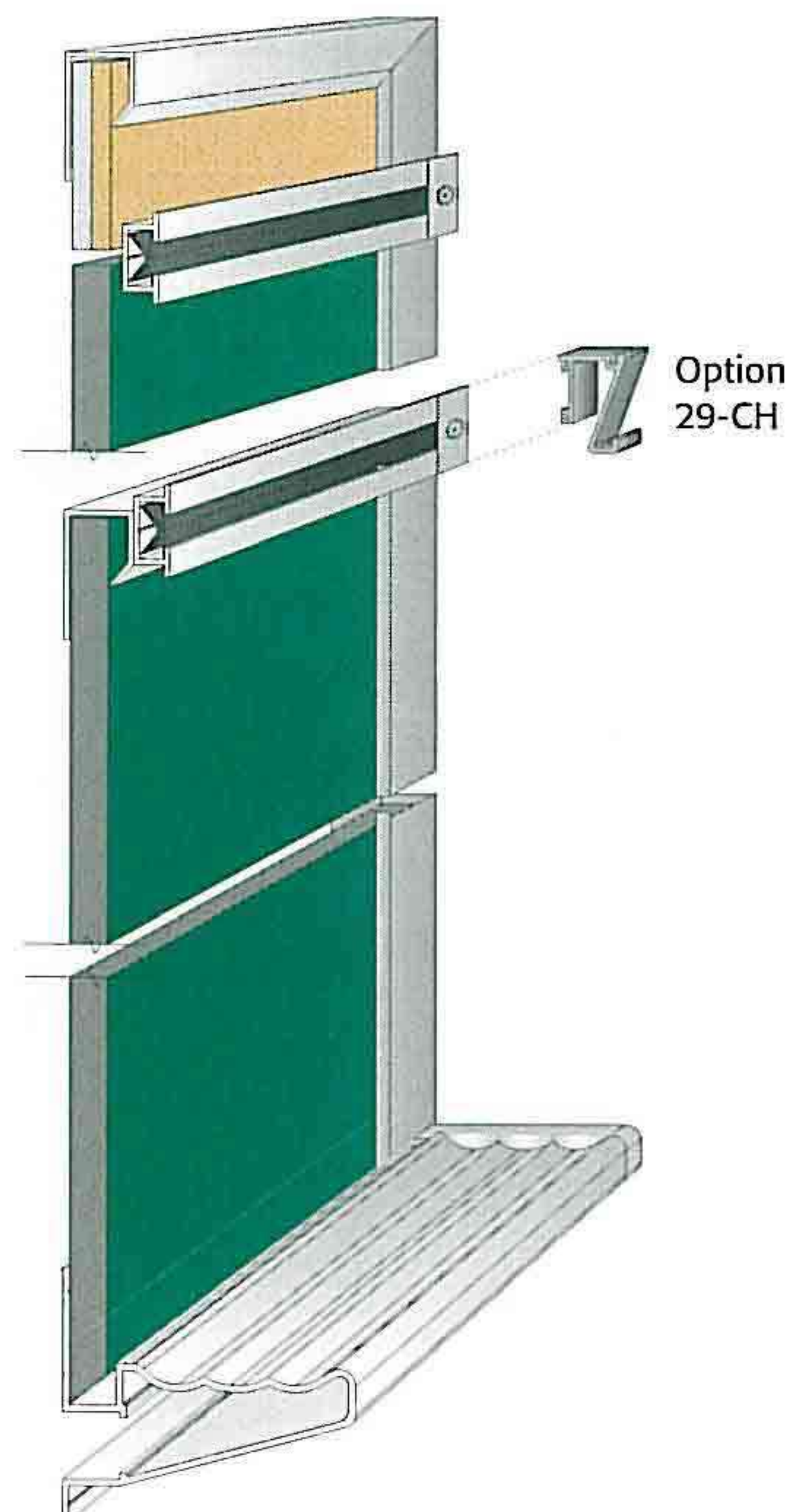
**Budget:**

**Installation:** [www.delta-products.com](http://www.delta-products.com)

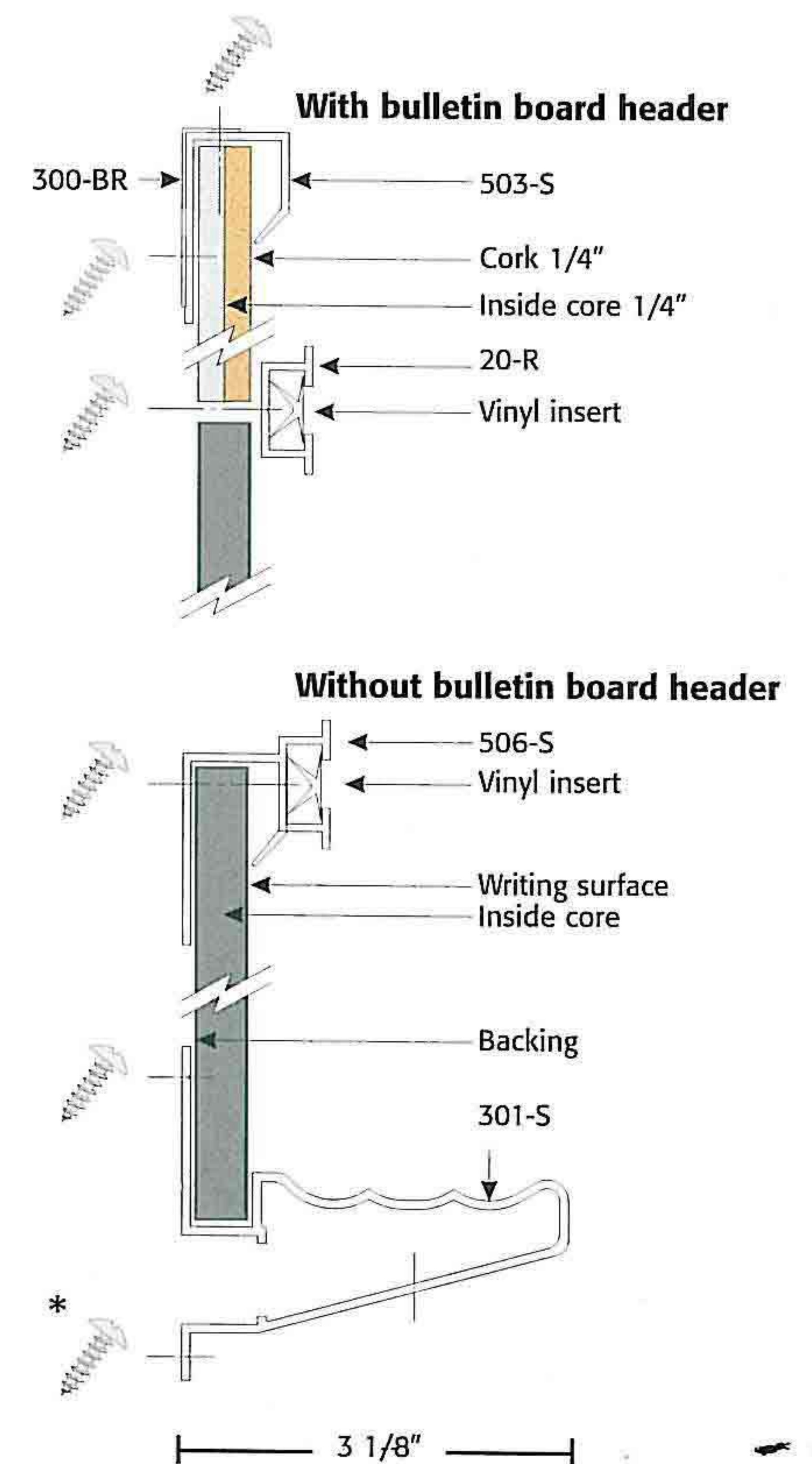
- Fasteners: 300-BR mounting brackets  
\*(Needed only when the board is factory assembled.)

#### Characteristics:

- Heavy-duty yet clean looking
- Very safe configuration for heavy traffic and primary schools
- Double wall heavy-duty chalk tray with #301-E end caps.



**WITH STYLE**  
**SERIES 50**



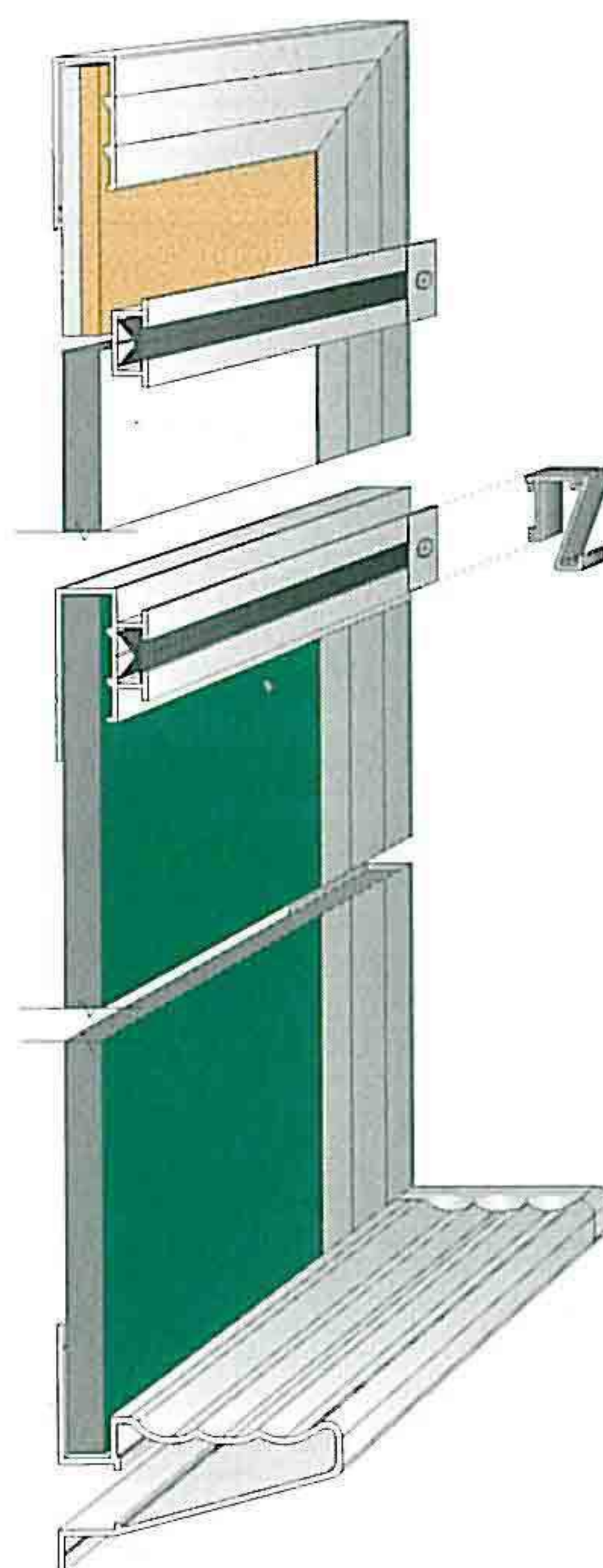
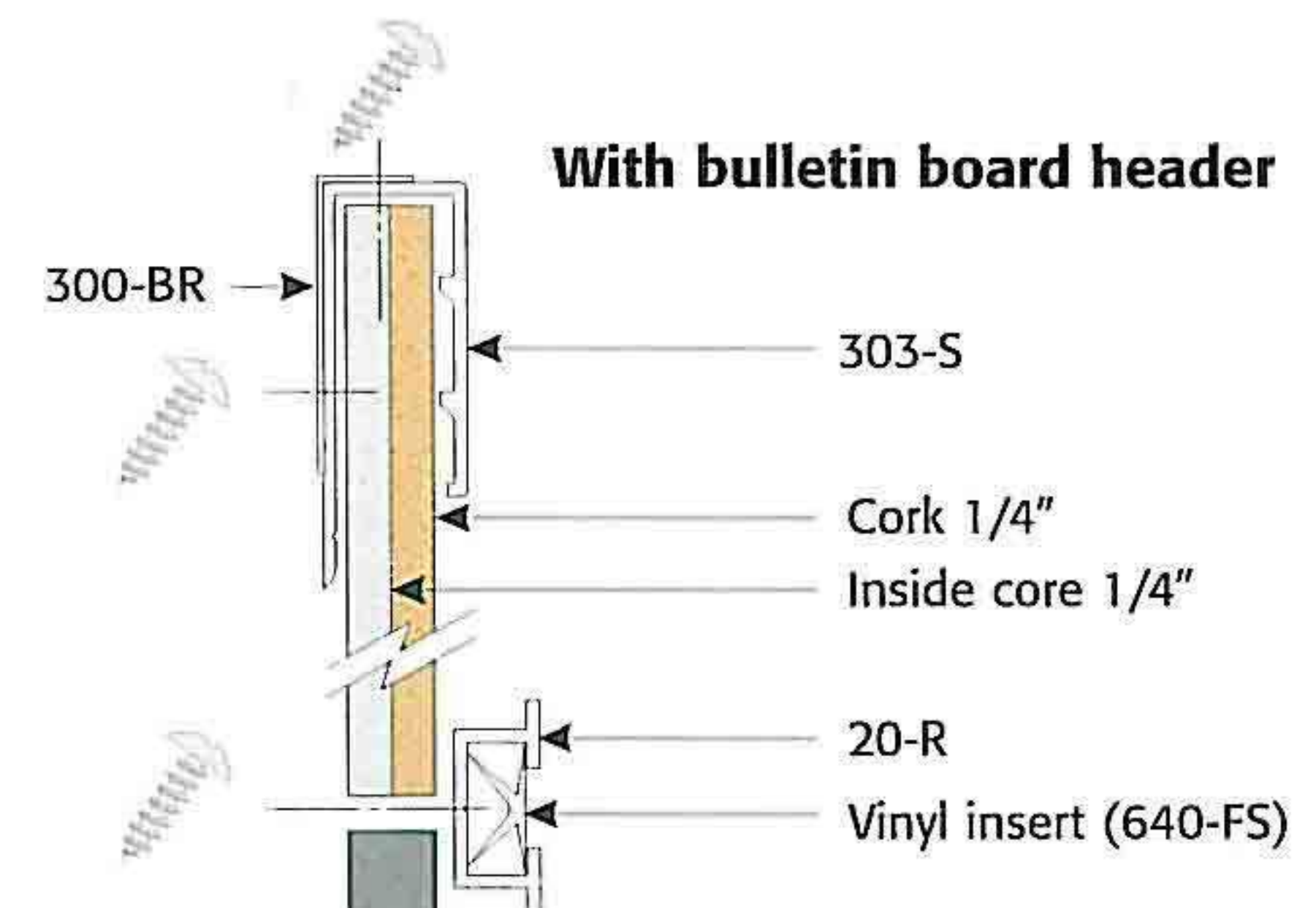
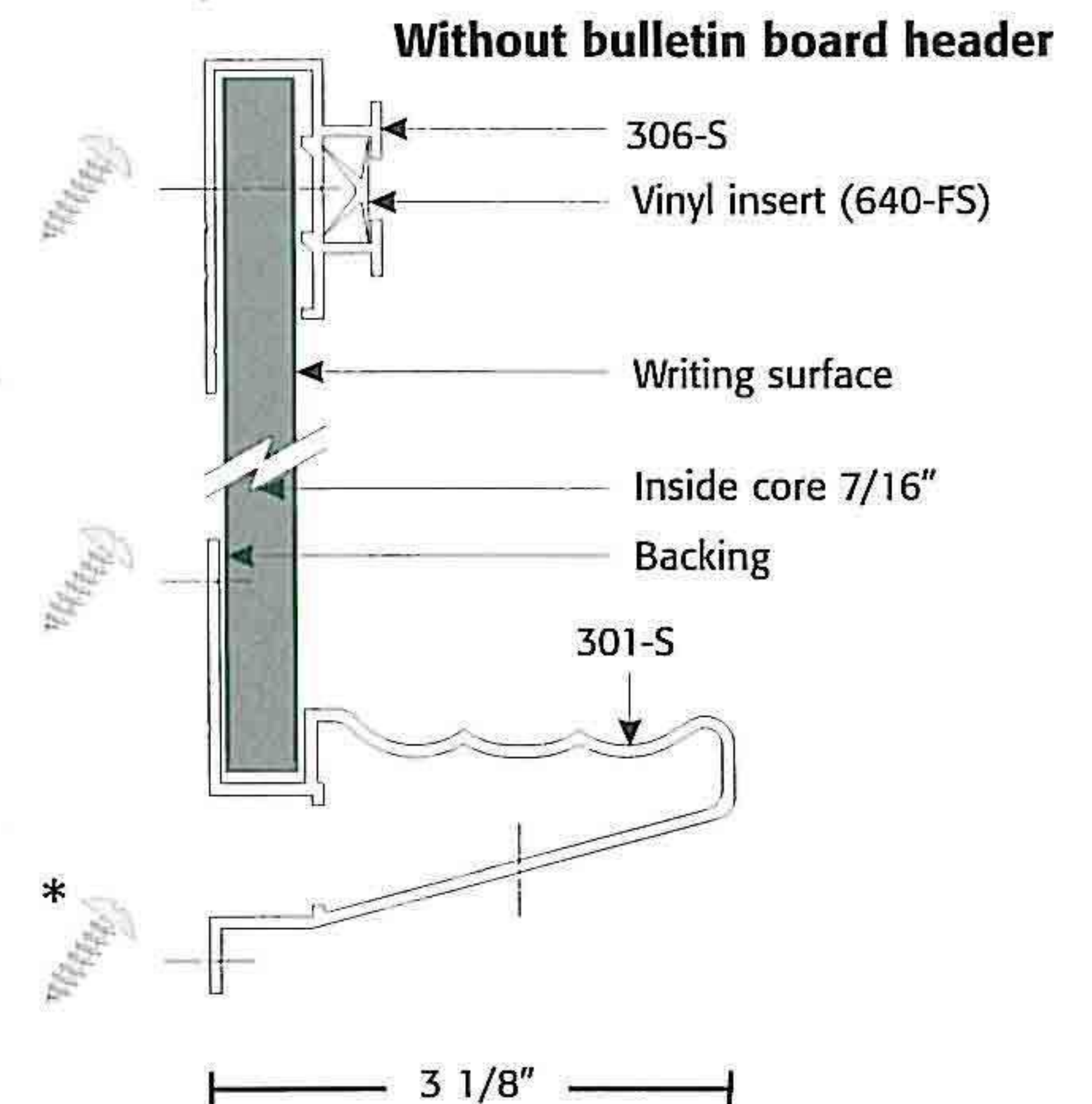


**SERIES 300****STURDY****Budget:****Installation:** [www.delta-products.com](http://www.delta-products.com)

- Fasteners: 300-BR mounting brackets  
\*(Needed only when the board is factory assembled.)

**Characteristics:**

- Wide, heavy-duty frame can withstand potential abuse or vandalism
- Safe configuration for heavy traffic and primary schools.

Option  
29-CH**With bulletin board header****Without bulletin board header**

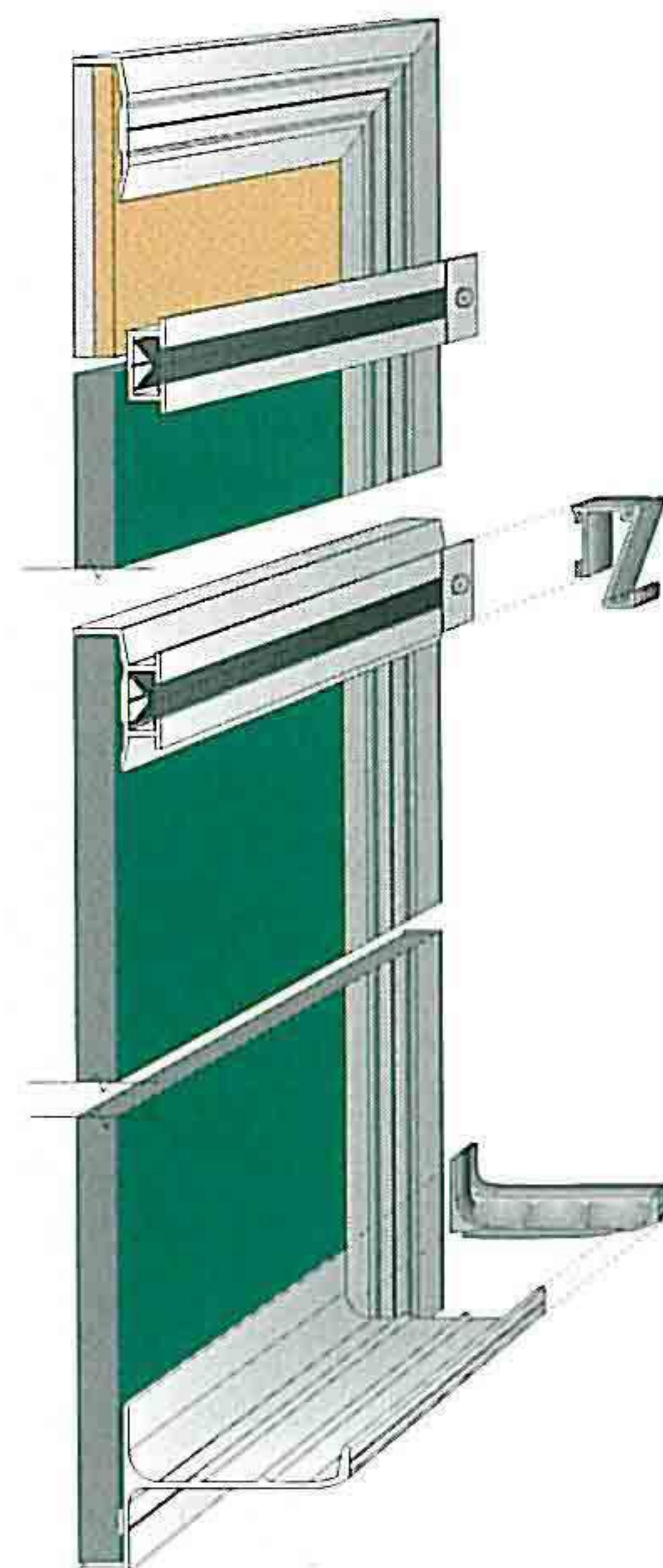
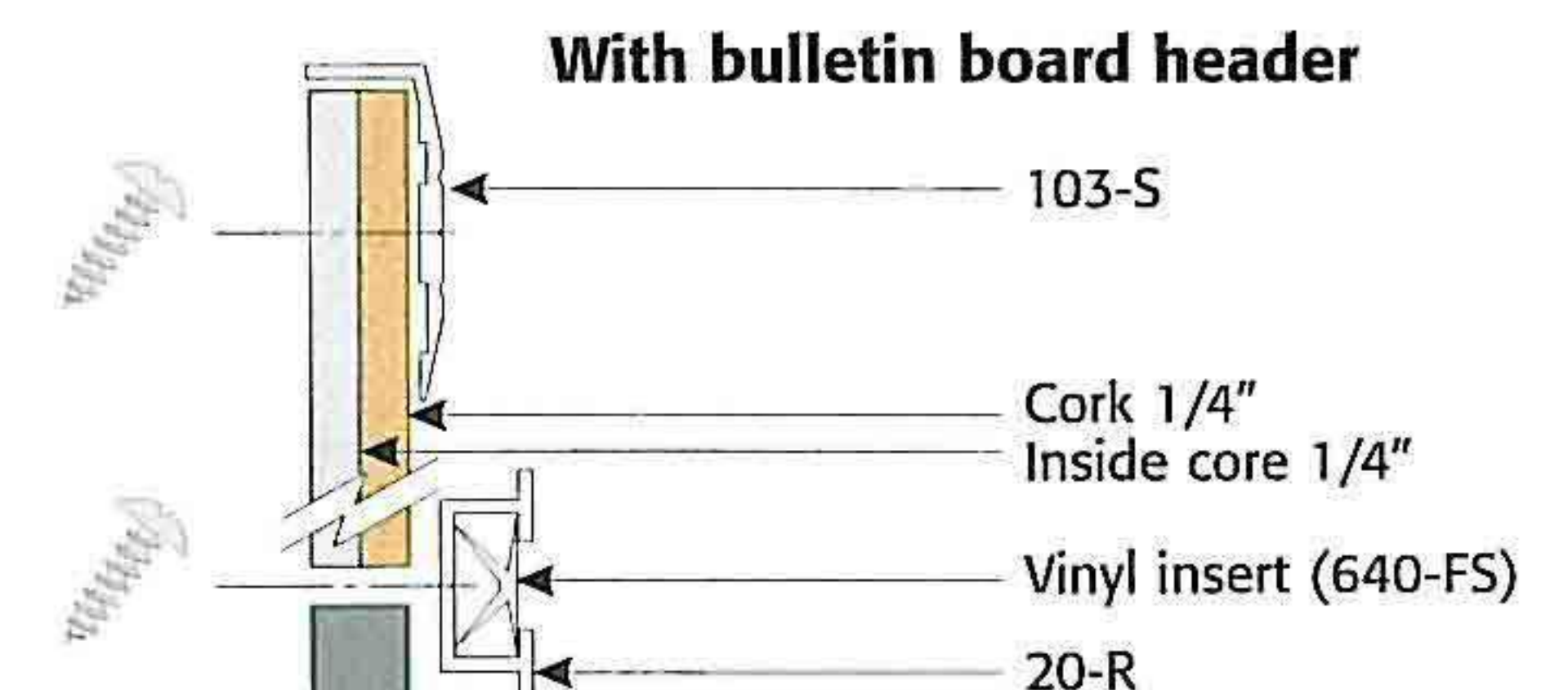
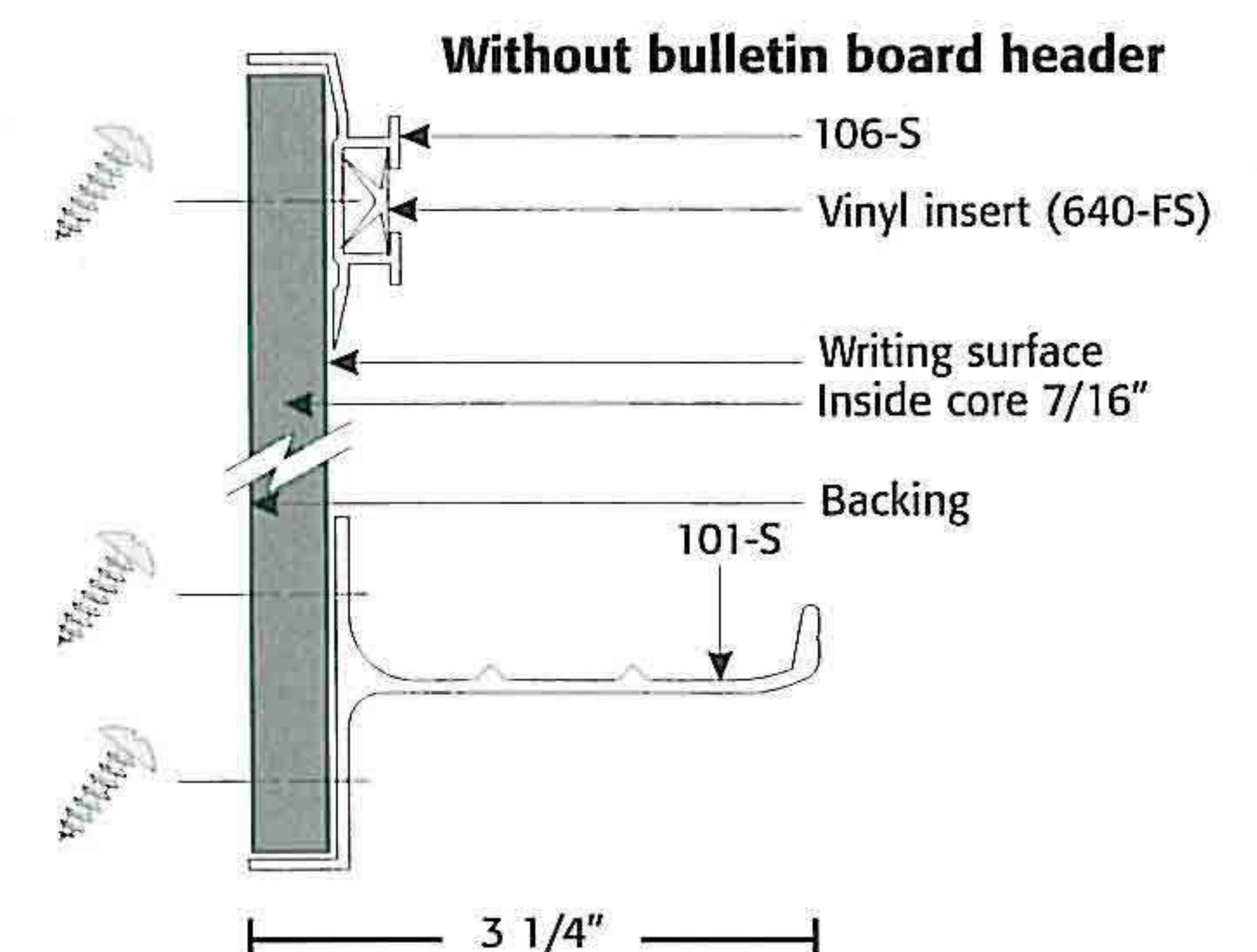
3 1/8"

**Budget:****Installation:** [www.delta-products.com](http://www.delta-products.com)

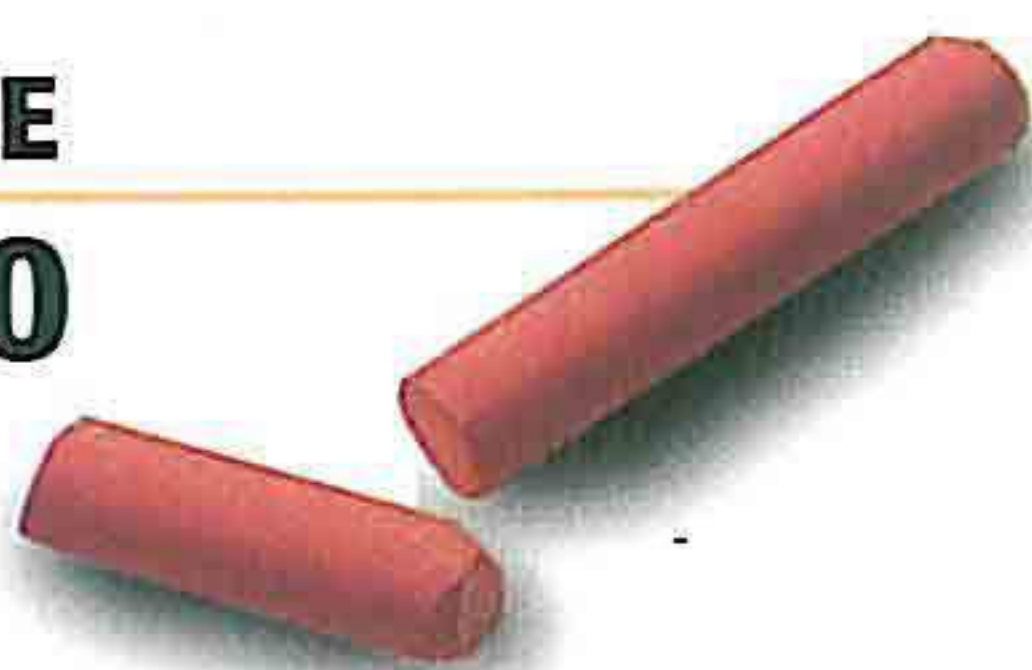
- Fasteners: None. Surface mounted brackets.

**Characteristics:**

- "L" shape frame fits on top of surface
- Flexible installs on top of various panel thicknesses
- Option: #231-E end caps for chalk or marker tray

Option  
29-CHOption  
231-E**With bulletin board header****Without bulletin board header**

3 1/4"

**ALL-PURPOSE  
SERIES 100****Legend:**

see our web site:

[www.delta-products.com](http://www.delta-products.com)

..... Budget ..... +

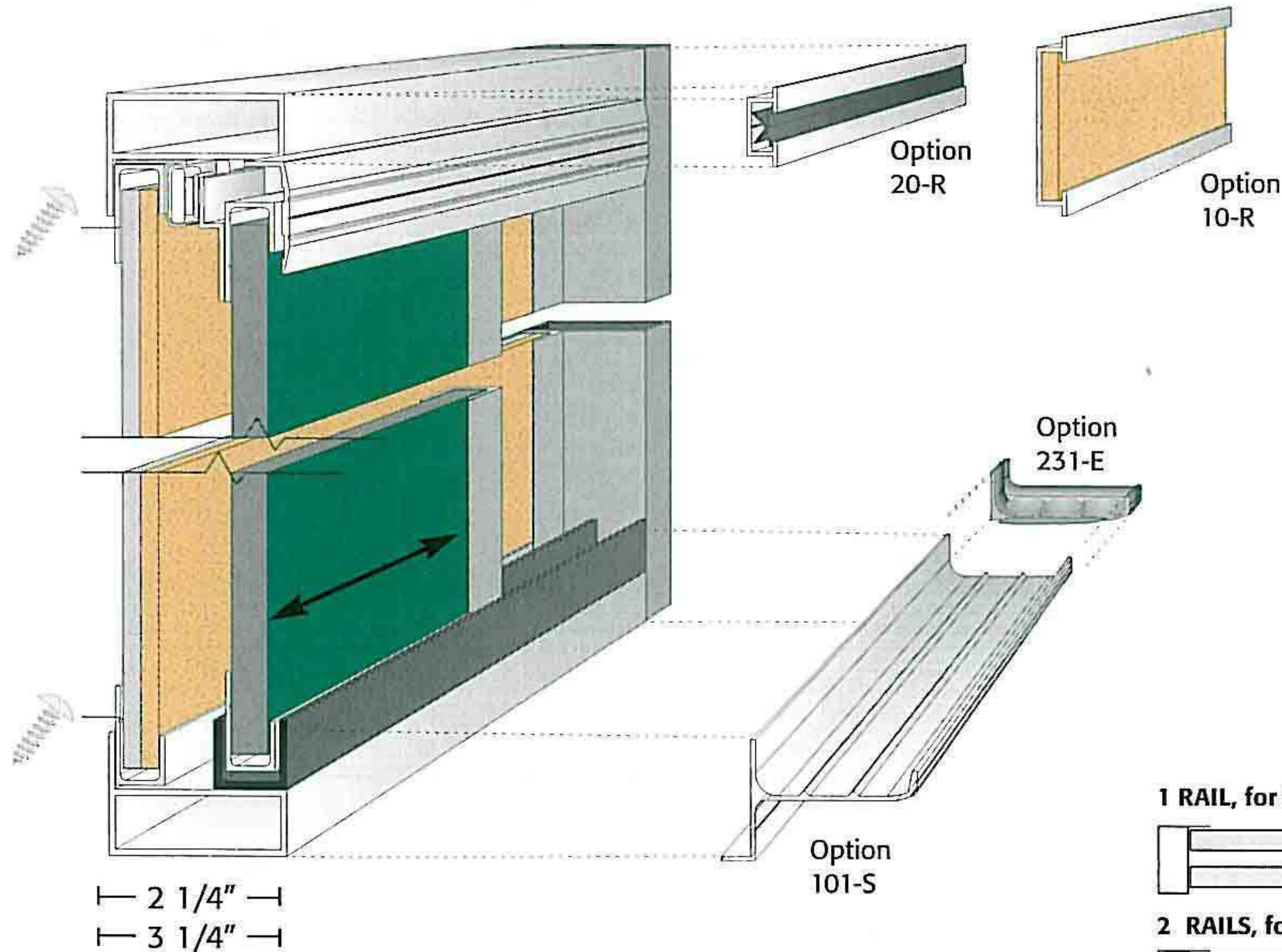


$$5^2 = 25 \rightarrow \sqrt{25}$$



## SERIES 40H

### HORIZONTAL SLIDER



**Budget:**

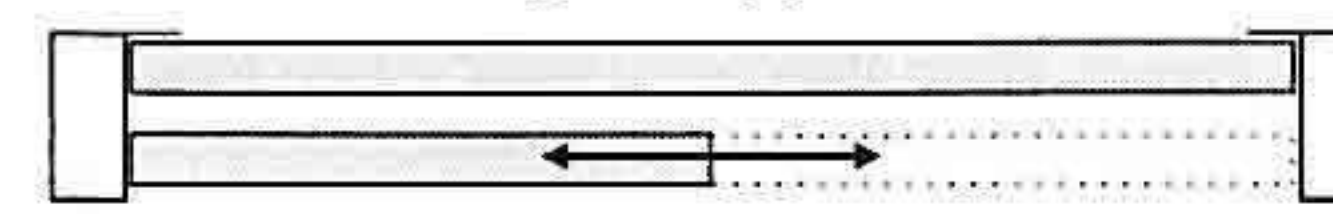
**Installation:** [www.delta-products.com](http://www.delta-products.com)

- None. Mounting screws are installed directly into the mounting ledge. (On the rear section of the tubular frame.)
- Recessed wall installations can be accommodated.

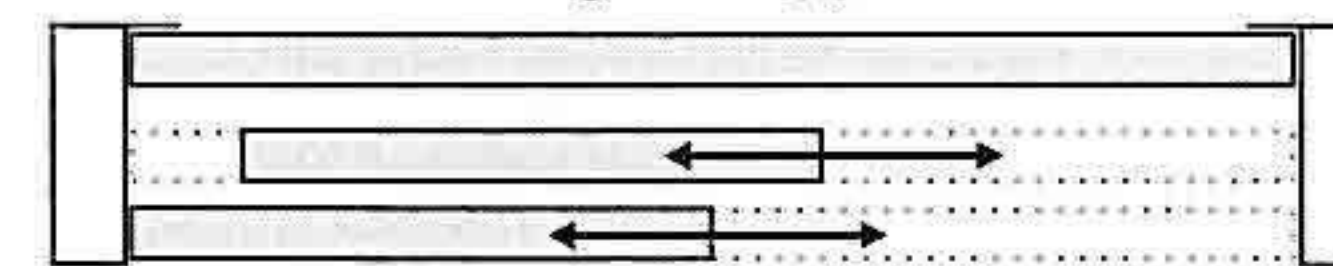
#### Characteristics:

- A system which gives you the potential to multiply your writing surface while keeping the same wall space
- One, two, three, or four tracks with one, two, three, or four panels per track - the choice is yours
- A soft nylon horizontal translation system
- High quality rigid aluminum structure with re-enforced corners (non torsion)
- The bottom guide will prevent any accidental panel falling. Also prevents oscillation of panels when used
- Removable back panel
- Many types of custom configuration are possible. Contact us for details.
- Options: Map rails (#20R - 2" or #10-R - 1"), #101-S chalk or marker tray, #231-E end caps

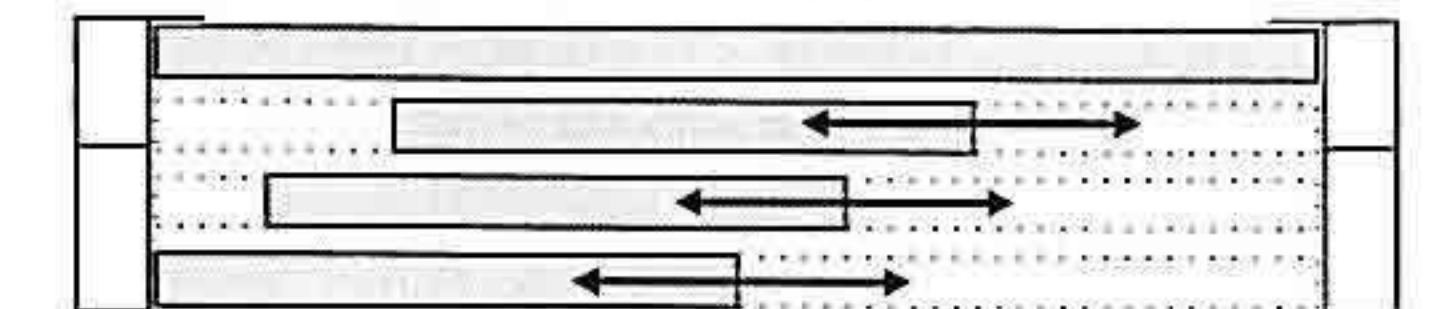
1 RAIL, for Sliding Panel(s)



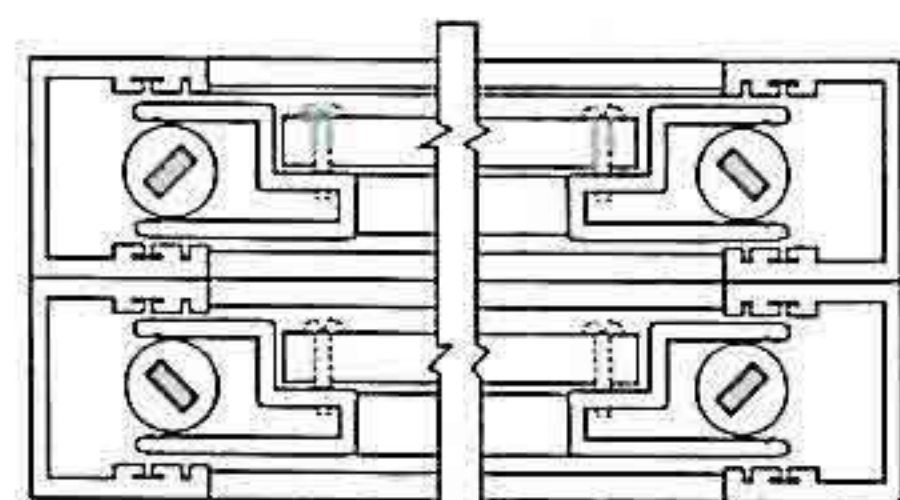
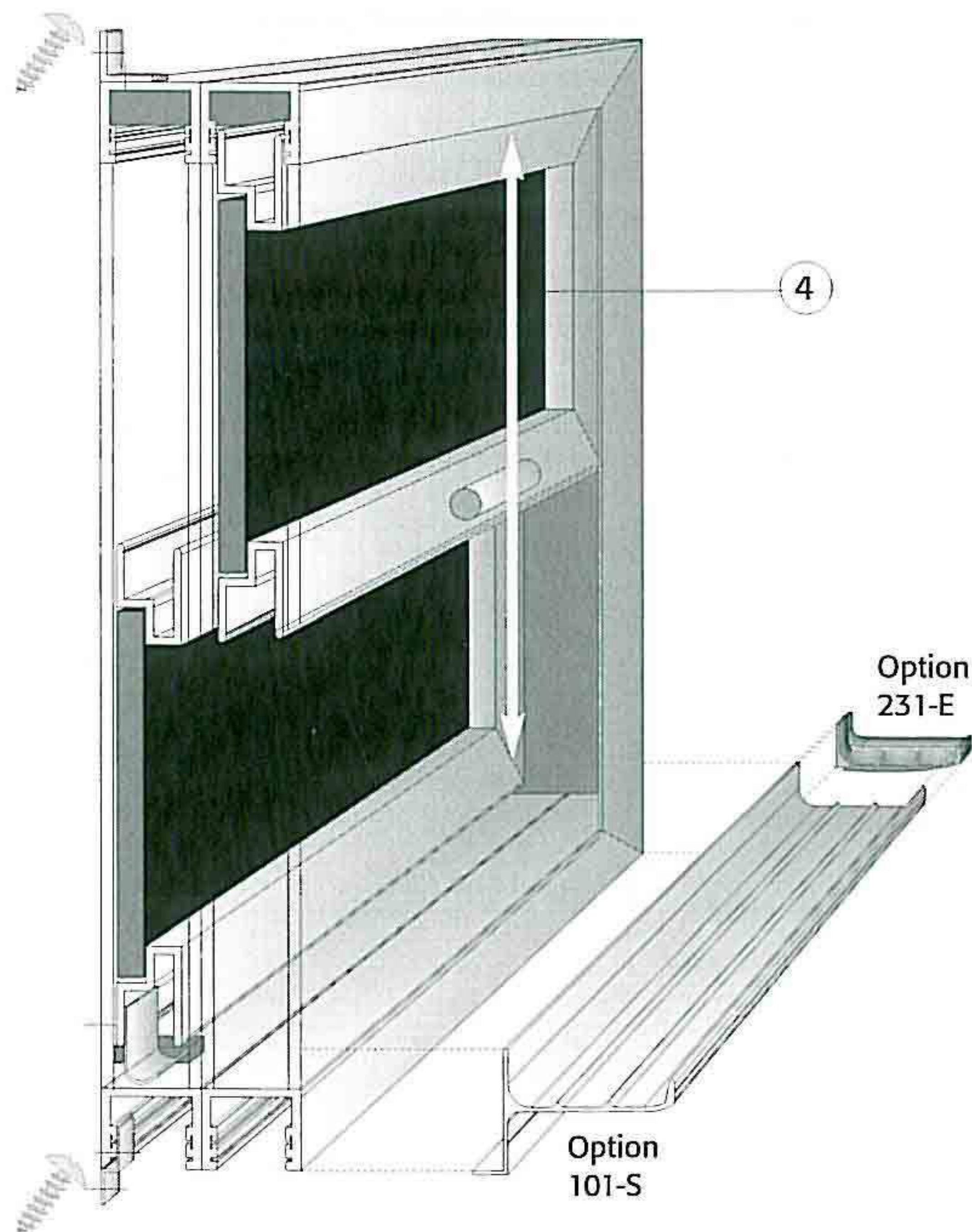
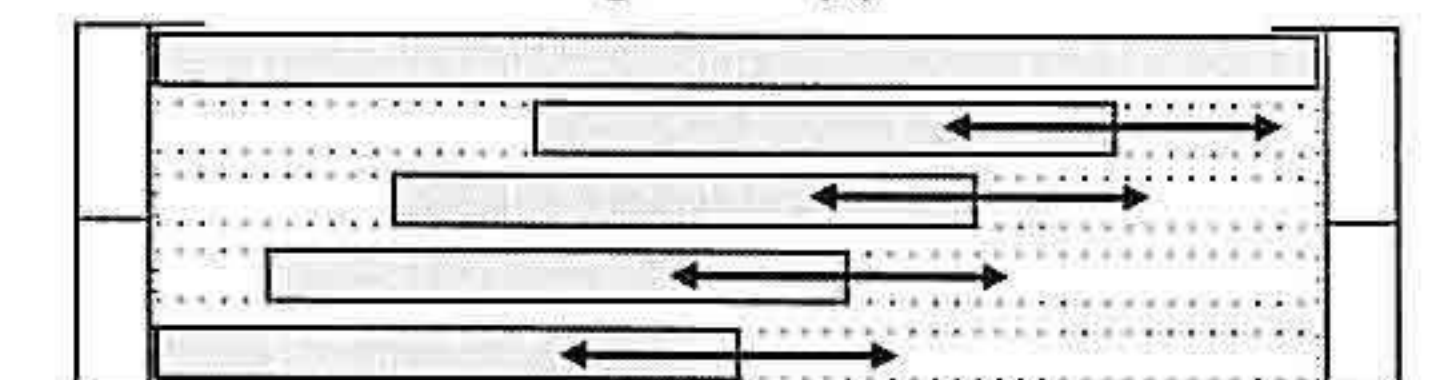
2 RAILS, for Sliding Panel(s)



3 RAILS, for Sliding Panel(s)



4 RAILS, for Sliding Panel(s)



4 Double slider system

**Budget:**

**Installation:** [www.delta-products.com](http://www.delta-products.com)

- Fasteners: T-Square above and below the frame.

#### Characteristics:

- A Soft Vertical Translation System
- Invisible counterbalance with a unique heavy-duty spiral balance system and self-lubricating synthetic guides;
- High quality rigid aluminum structure with re-enforced corners (non torsion);
- Many custom configurations are possible. For example: Overhanging an existing board; in front of a window; a bookcase; a wardrobe, etc. Contact us for details.
- Options: Map rails (#20-R - 2" or #10-R - 1"), #101-S chalk or marker tray, #231-E end caps

## VERTICAL SLIDER SERIES 40V



$$8 \times 3 = 7 - 7$$



# WRITING SURFACES

## SPECIFICATION

### Legend:

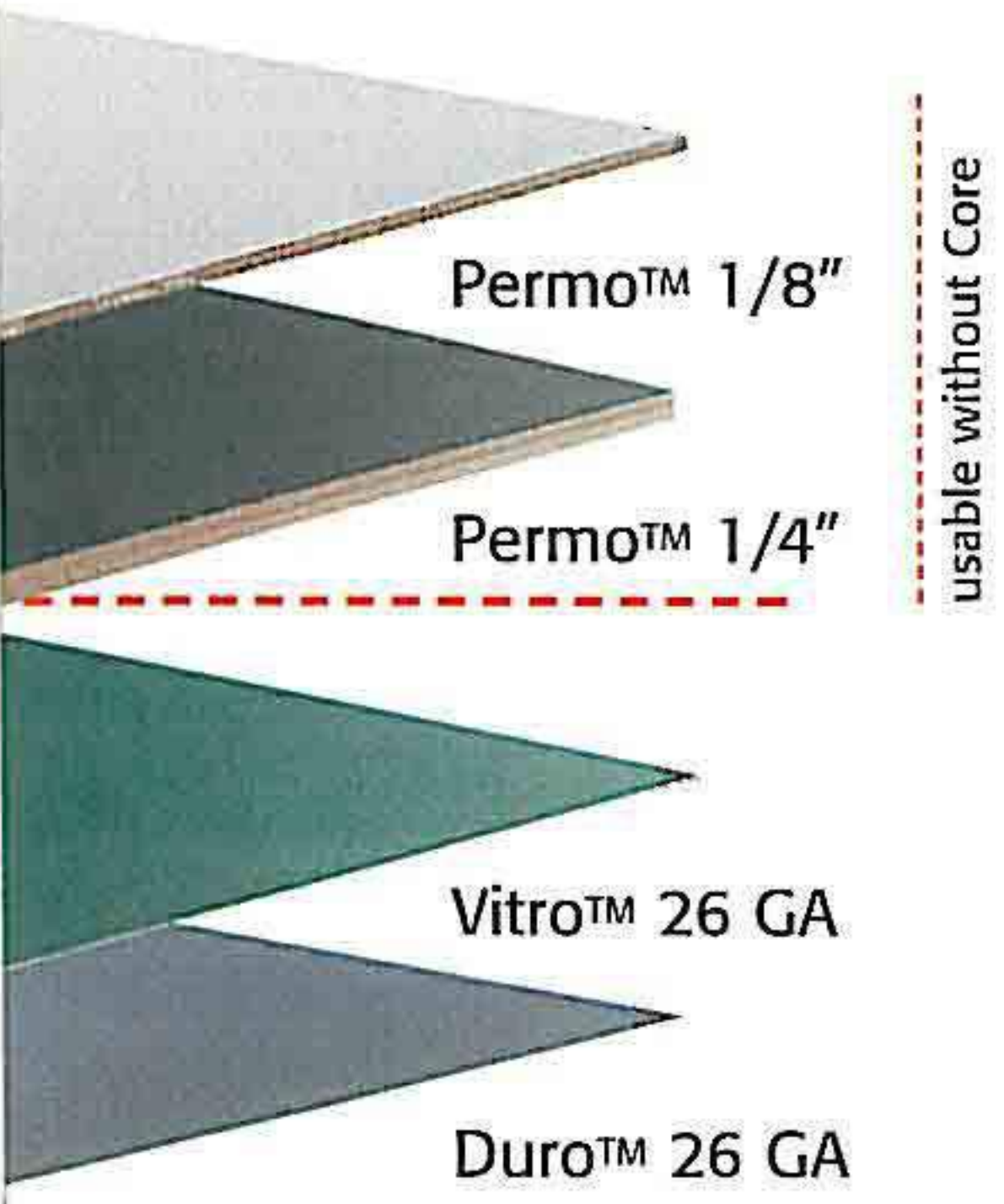
- Bulletin Board
- Chalkboard
- Whiteboard

Magnetic

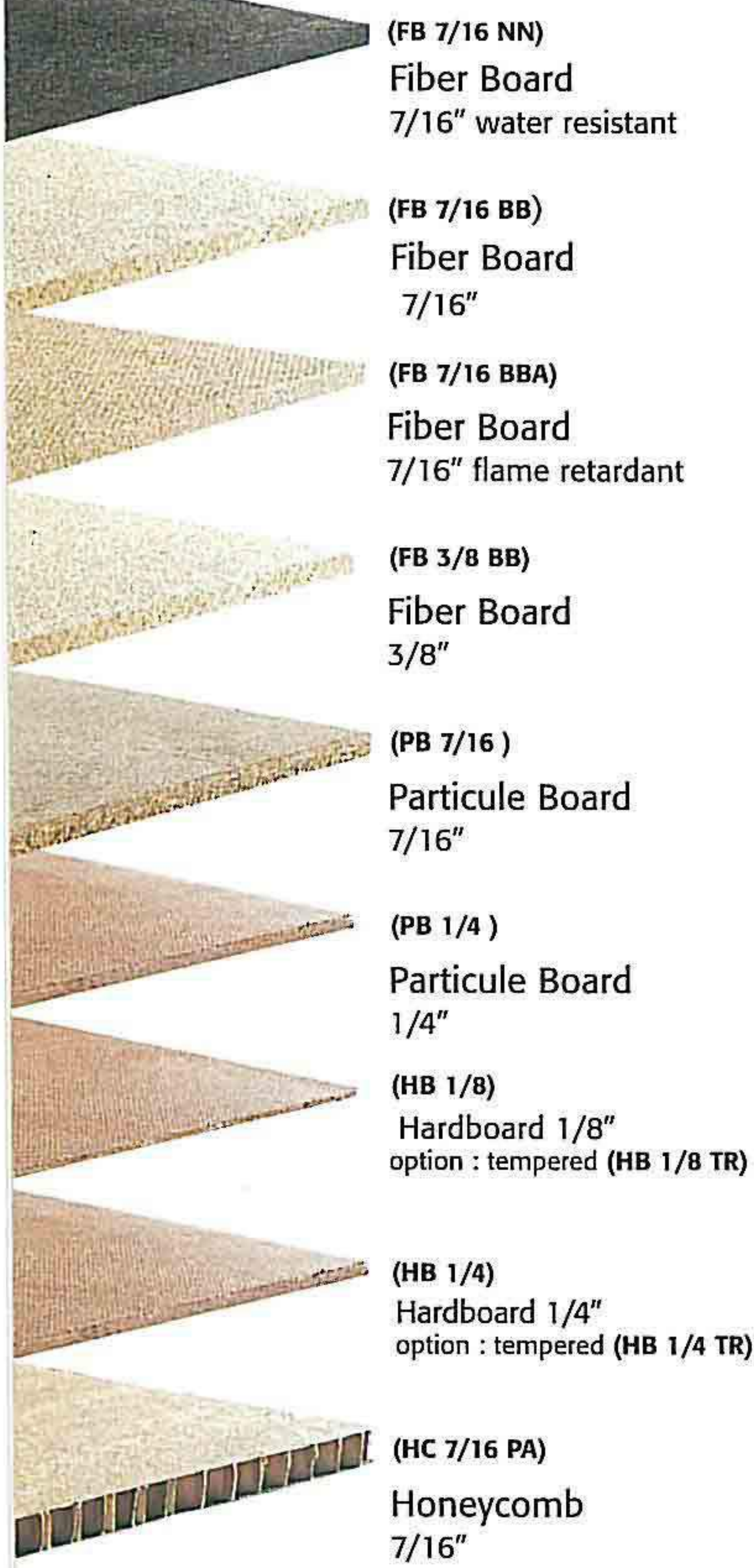
Non magnetic

..... Budget ..... +

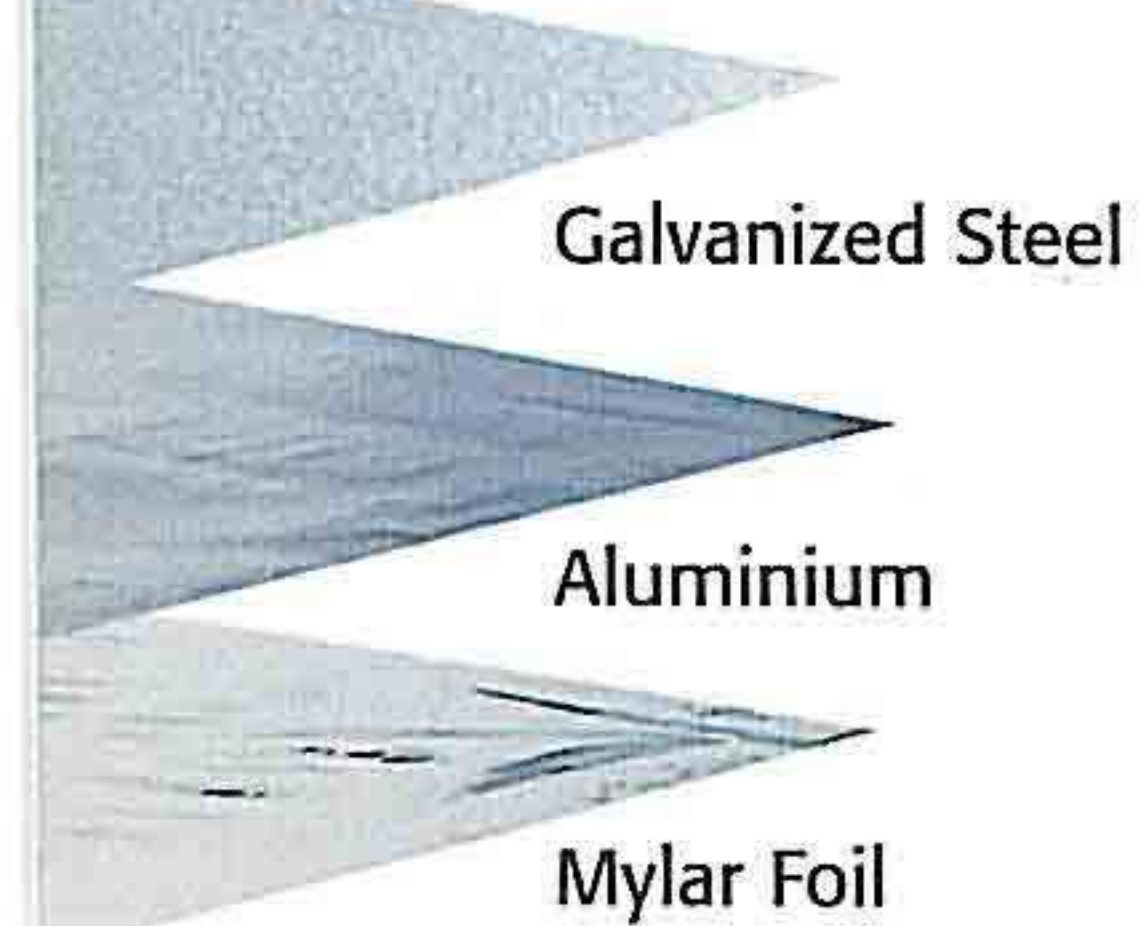
### SURFACES



### CORE MATERIAL



### BACKING



### PERMO™ \*\*



SURFACE CODE: 3

Application	Warranty	Colors	
		Code	
	5 years	GREEN	32
		GREY	33
		BLACK	35
		Other colors available (Minimum Quantities Required)	
	1 year	WHITE	31
		BLACK	35L





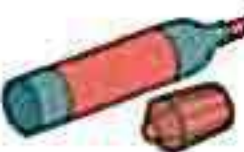
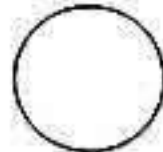
Construction *			Thickness		Weight (lbs/sq ft)	Dimensions Other sizes available
Surface	Core	Backing	Approx.	Code		
(HB1/8)	—	—	1/8"	L1	0.75	48" x 72" x 96"
(HB1/4)	—	—	1/4"	M1	1.50	48" x 120" x 144" *
(HB1/8)	—	(FB3/8BB)	1/2"	H1	1.25	48" x 192" x 192" *

\* 1/2" available only

### VITRO™ \*\*



SURFACE CODE: 2






Application	Warranty	Colors	
		Code	
	50 years	GREEN 	<u>22</u>
		GREY 	<u>23</u>
		BLACK 	<u>25</u>
		Others colors available (Minimum Quantities Required)	
	20 years	WHITE 	<u>21</u>

Construction *			Thickness		Weight (lbs/sq ft)	Standard sizes Other sizes available
Surface	Core	Backing	Approx.	Code		
Vitro 26 ga	(HB1/8)	Galvanized Steel	1/8"	L1	1.75	48" x 72" x 96"
Vitro 26 ga	(HB1/4)	Galvanized Steel	1/4"	M1	2.50	48" x 120" x 144" *
Vitro 26 ga	(FB3/8BB)	Galvanized Steel	3/8"	M2	1.75	48" x 192" x 192" *
Vitro 26 ga	(FB7/16NN)	Galvanized Steel	1/2"	H1	2.00	48" x 192" x 192" *

### DURO™ \*\*



SURFACE CODE: 1

Application	Warranty	Colors	
		Code	
	50 years	GREEN 	12
		GREY 	13
		Other colors available (Minimum Quantities Required)	
	50 years	WHITE 	11

Construction *			Thickness		Weight (lb/sq ft)	Standards sizes Other sizes available
Surface	Core	Backing	Approx.	Code		
Duro 26 ga	(HB1/8)	Galvanized Steel	1/8"	L1	1.75	48" x 72" x 96"
Duro 26 ga	(HB1/4)	Galvanized Steel	1/4"	M1	2.50	48" x 120" x 144" *
Duro 26 ga	(FB3/8BB)	Galvanized Steel	3/8"	M2	1.75	48" x 192" x 192" *
Duro 26 ga	(FB7/16NN)	Galvanized Steel	1/2"	H1	2.00	48" x 192" x 192" *

**Maintenance:** The use of incompatible markers, chalk, cleaners or any abrasive items may cause permanent staining or other irreversible damage to the surface.

\* Standard Construction suggested \*\* See details on page 3





## TACKBOARD SURFACES

## SPECIFICATION



## CORK

Natural Cork** 100% pur			SURFACE CODE: 4			
Application	Natural Cork Surfaces	Budget	Types	Construction	Thickness approx.	Weight (lbs/sq ft)
	Code			Surface	Core	
	Natural Cork <b>44 H1</b> 6 mm = approx. 1/4"		Type "K1"	44 H1 (PB1/4)	1/2"	1.25
	Natural Cork <b>44 M1</b> 3 mm = approx. 1/8"		Type "K2"	44 M1 (FB3/8BB)	1/2"	0.65
	Natural Cork <b>44 L1</b> 1,2 mm = approx. 1/16"		Type "K3"	44 L1 (FB7/16BB)	1/2"	0.60
			Type "K4"	44 L1 42 L1 43 L1 46 L1 47 L1	(FB3/8BB) 7/16"	0.50

Type "K1" 1/4" / 1/4"

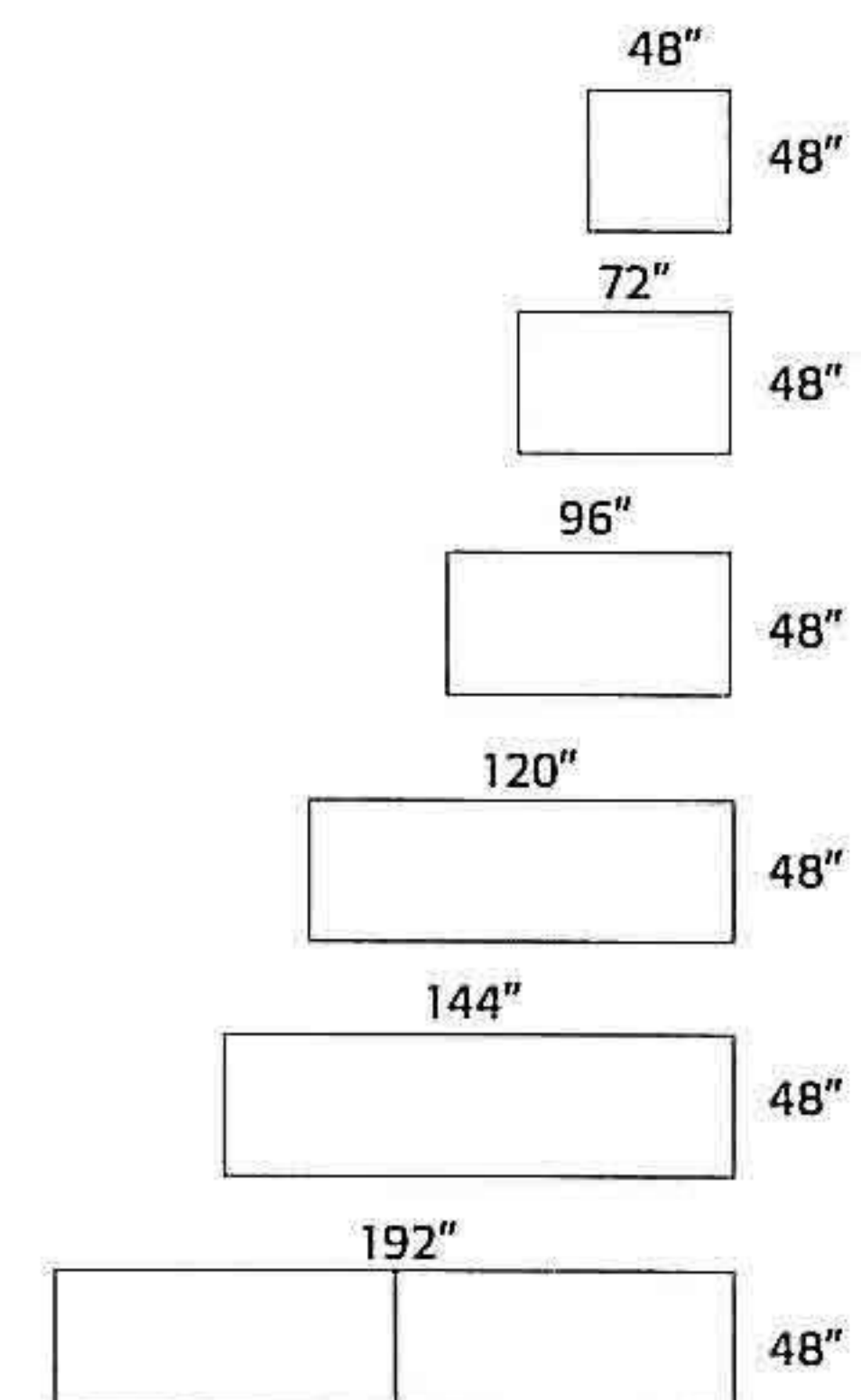
Type "K2" 1/8" / 3/8"


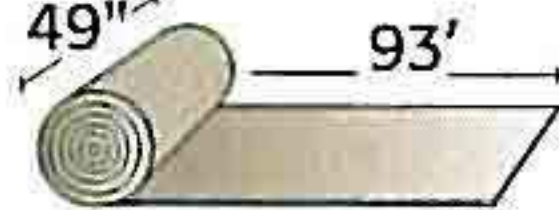

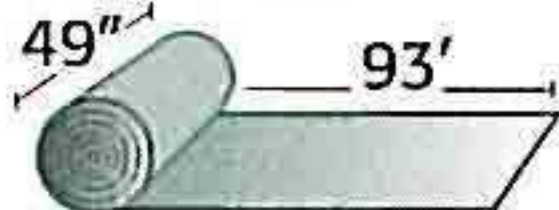

Type "K3" 1/16" / 7/16"

Type "K4" 1/16" / 3/8"

## Standards Sizes

Other sizes available




Deluxe Cork**			SURFACE CODE : 5				
Application	Deluxe Cork Surfaces	Budget	<div><div></div><div></div><div></div><div></div><div>green (52)</div><div>grey (53)</div><div>sable (53P)</div><div>tan (54)</div></div>				
	Code						
	Deluxe Cork <u>5</u> ( ) H1 6 mm = approx. 1/4" 		Types	Construction		Thickness approx.	Weight (lbs/sq ft)
			Surface	Core			
	Deluxe Cork <u>5</u> ( ) M1 3 mm = approx. 1/8" 		Type "K1"	52 H1 53 H1 53P H1 54 H1	(FB7/16)	1/2"	2.00
			Type "K2"	54 M1	(FB3/8)	1/2"	1.50
flammability: ASTM E-85, CLASS B							


flammability: ASTM E-85, CLASS B

# Vinyl or polyester fabrics

**Vinycork™**
**\*\***


**Budget**


**SURFACE CODE: 8**

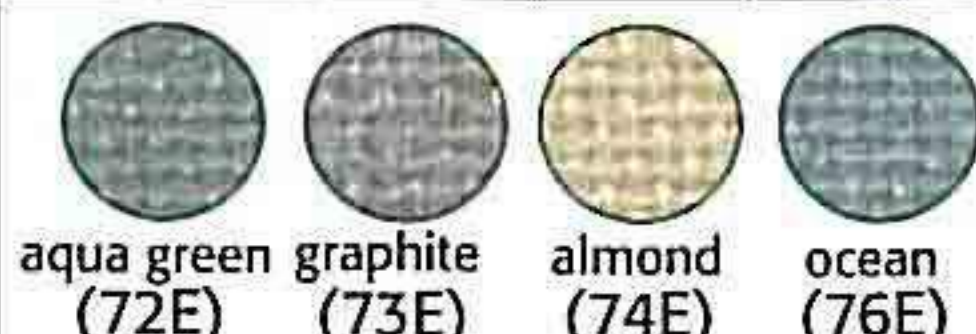



Flammability : ASTM-E84 & CAN 4-S102M  
 Rating: Flamme : 5, Fuel : 0, Smoke : 0

**Fabritack™**
**\*\***

**Budget**



**SURFACE CODE : 7**





flammability :  
 ASTM-E84 : Class A <sub>max</sub> 1  
 ULC-S102 : Class A <sub>max</sub> 1

Application



Types	Construction	Thickness approx.	Weight (lbs/sq ft)	
	Core material			
	Option			
Type "W1"	(FB 7/16 NN)	EW	1/2"	1.35
Type "W2"	(FB 7/16 BBA)	EW	1/2"	0.75
Type "W3"	Type "K1"	EW	1/2"	1.35
Type "W4"	Type "K2"	EW	1/2"	0.75
Type "W5"	Type "K3"	EW	1/2"	0.70
Type "W6"	44 H1		1/4"	0.35

Flammability: ASTM-E84 & CAN 4-S102M  
Rating: Flamme: 5, Fuel: 0, Smoke: 0flammability:  
ASTM-E84: Class A  
ULC-S102: Class AFABRIC COVERED  
TACKBOARD

## N.B.

Caution: Shrinking and/or buckling may occur when installed over fibrous substrate material which is subjected to abnormal atmospheric conditions.

Colors and textures shown on this page may not be 100% accurate due to the printing process. If matching an exact color is critical to your project, please contact us for samples.

Normal production color variances range from 3 to 8%.

"EW" = Edge Wrap

Type "W1" 7/16"

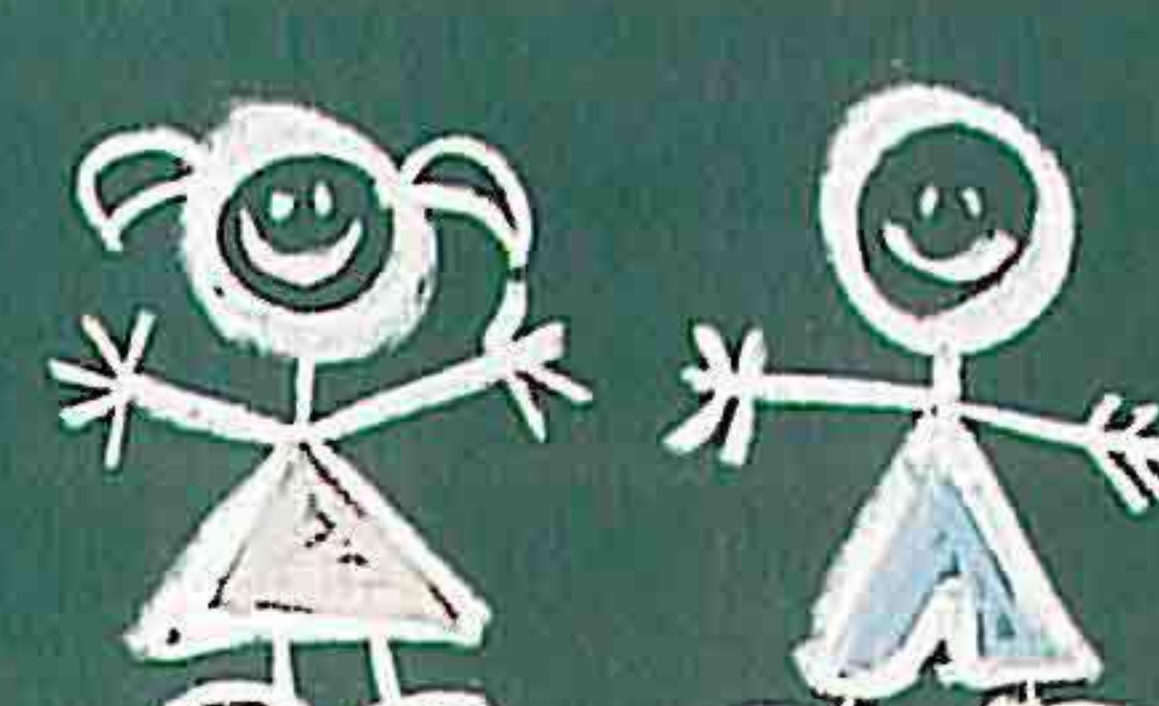
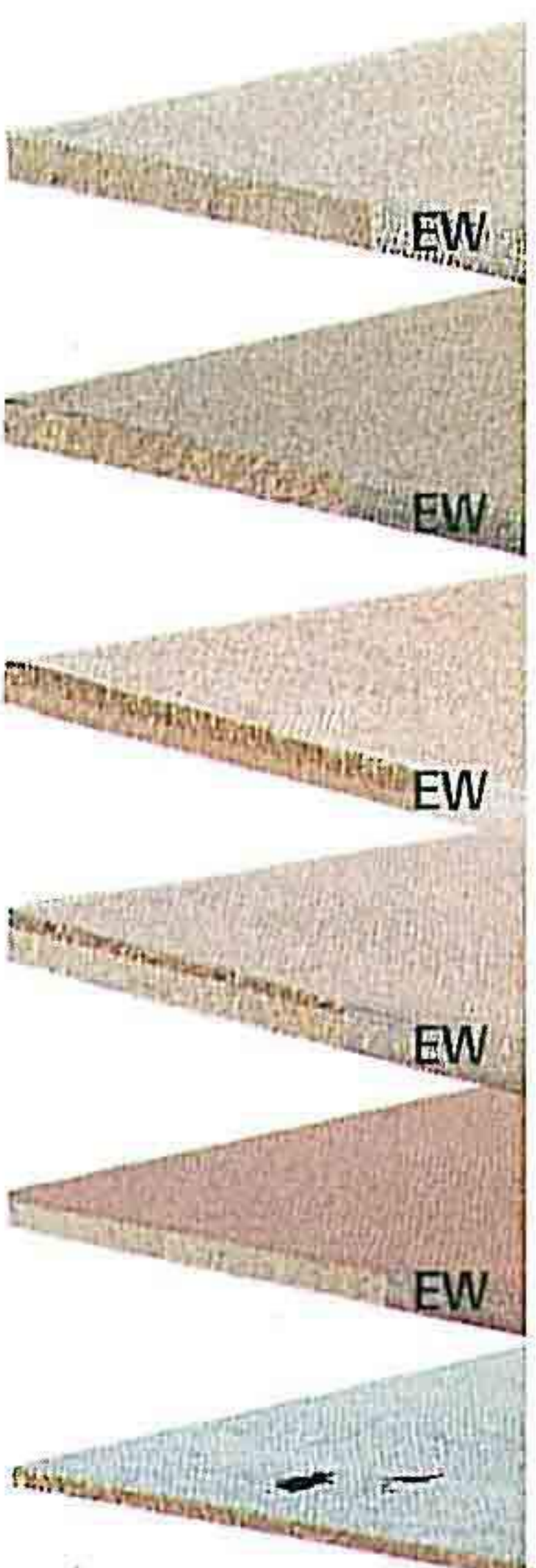
Type "W2" 7/16" A  
Flame retardant

Type "W3" 1/4" / 1/4"

Type "W4" 1/8" / 3/8"

Type "W5" 1/16" / 7/16"

Type "W6" 1/4"





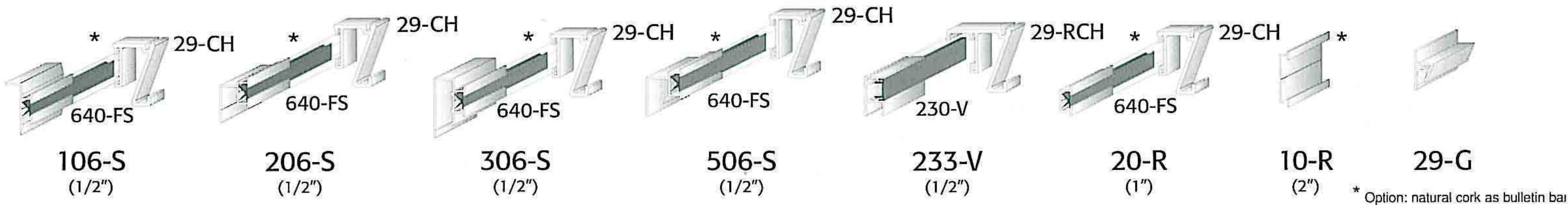
**MOULDING  
AND HARDWARE**



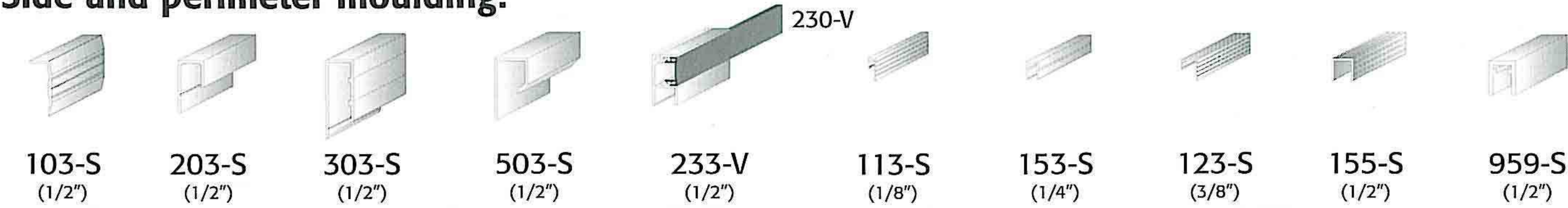
All our moldings are made from Type 6063-T5 extruded aluminum.  
A clear satin anodized finish is standard on most of our extrusions.  
Other anodized colors are available upon request.



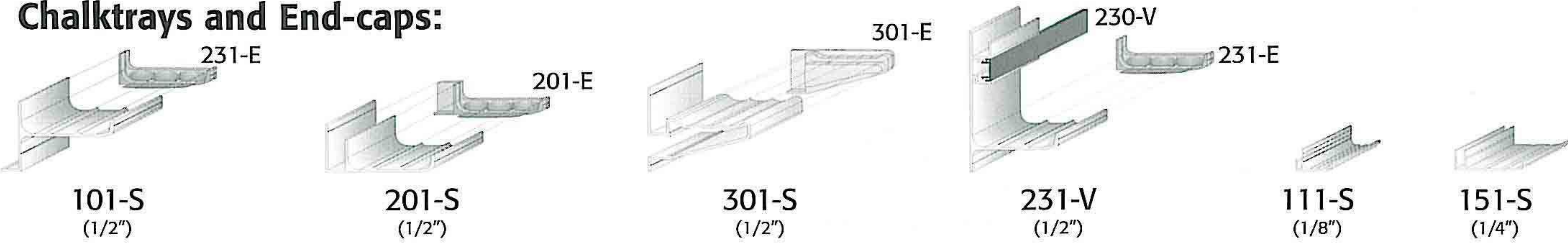
**Map Rail and Bulletin Bar:**



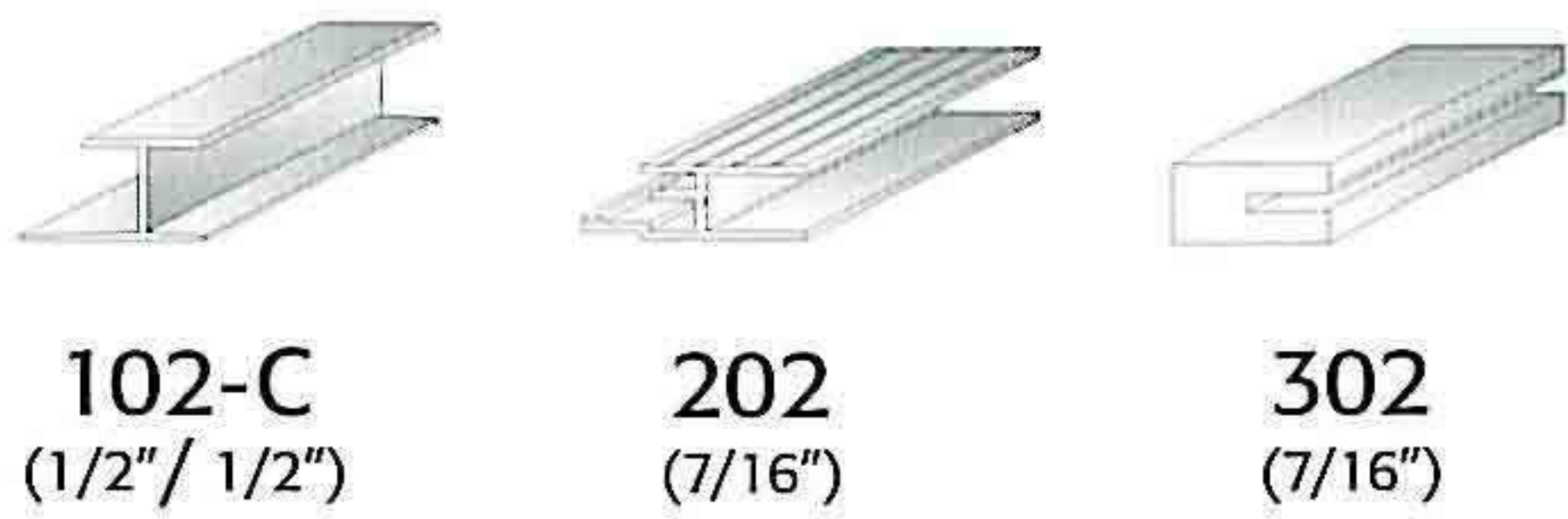
**Side and perimeter moulding:**



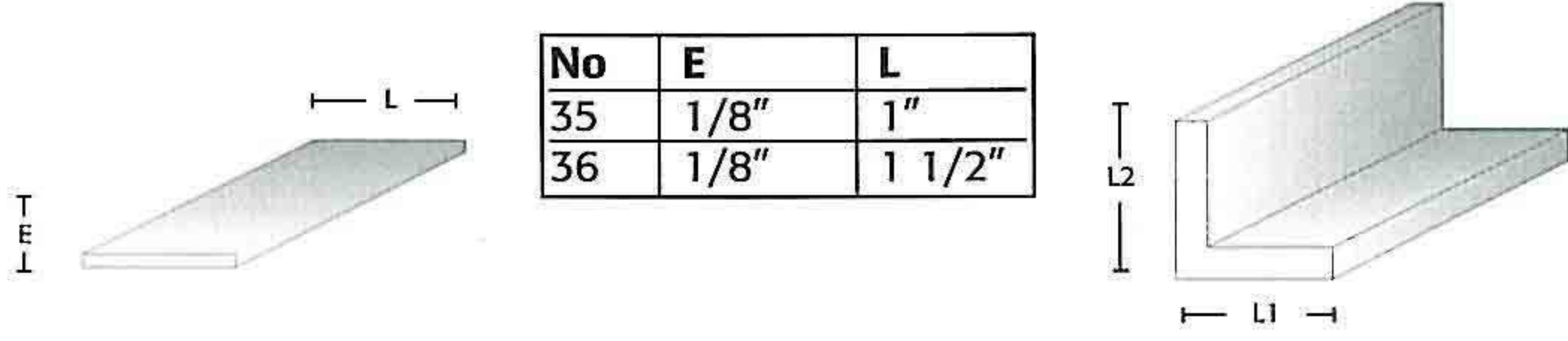
**Chalktrays and End-caps:**



**Dividers:**



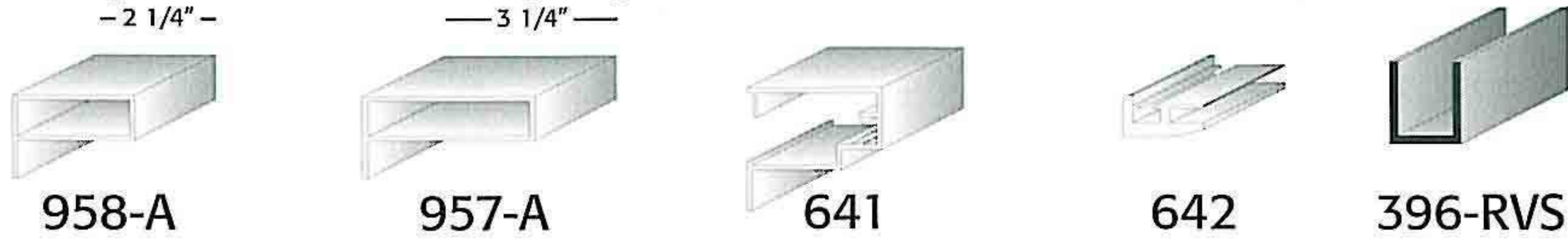
**Flat bars and T-Square:**



No	E	L
35	1/8''	1''
36	1/8''	1 1/2''

No	L1	L2	E
39	1/2''	1/2''	1/16''
40	1''	1''	1/16''
41	1/2''	1/2''	1/8''
42	1''	1''	1/8''
43	1 1/2''	1 1/2''	1/8''

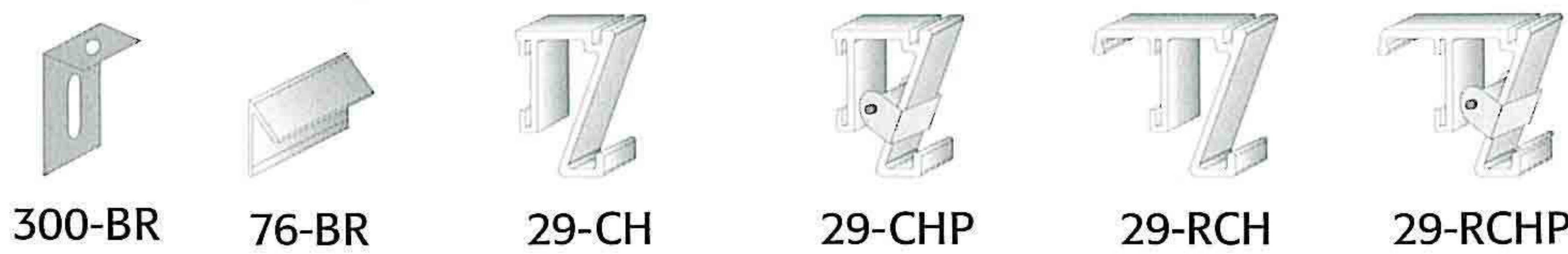
**Sturdy frame for display cabinets:**



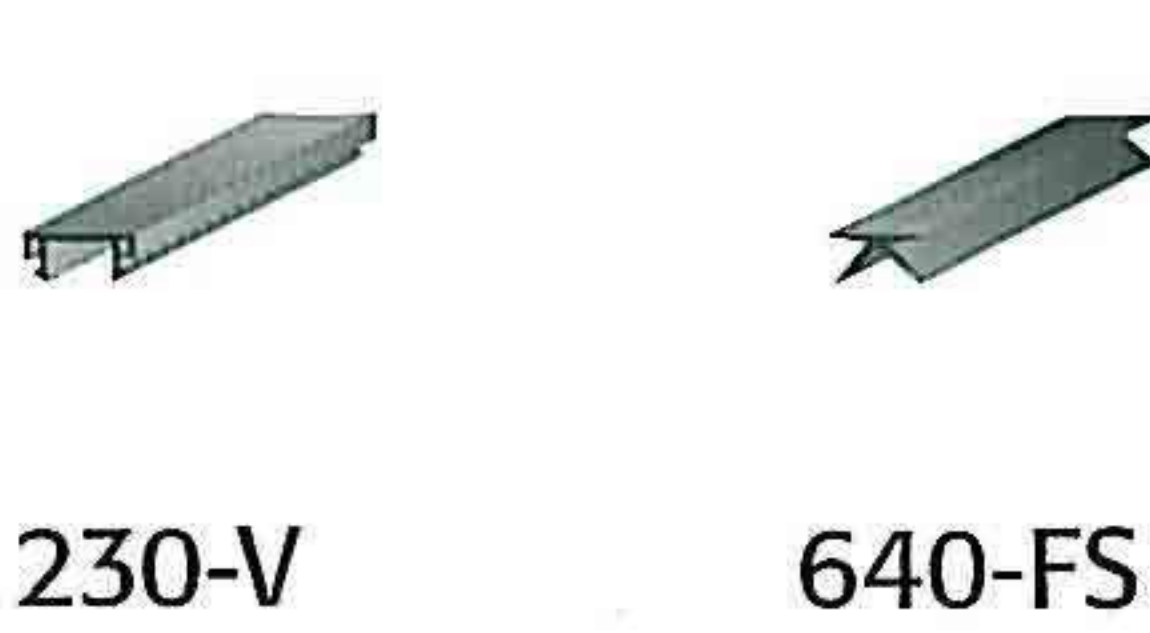
**Sliding Glass hardware:**



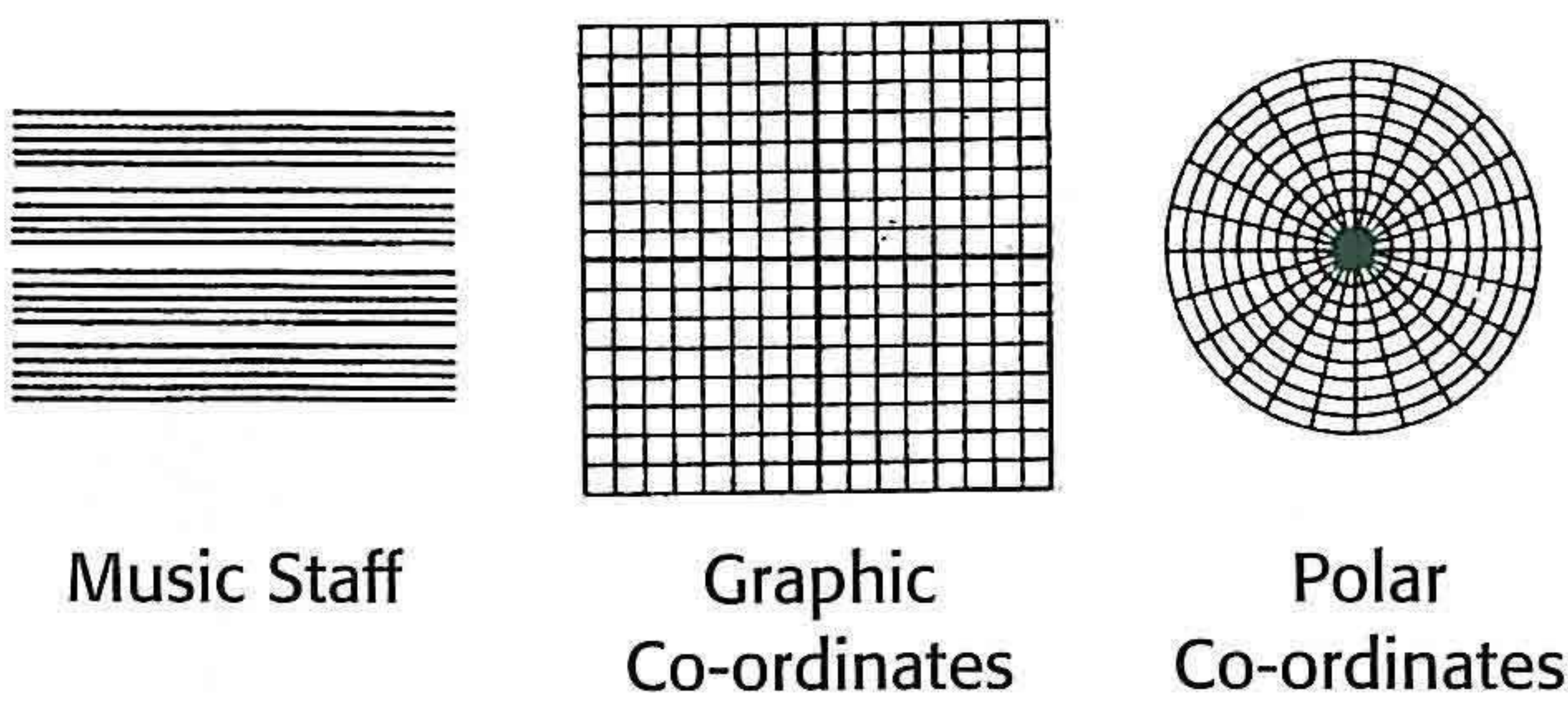
**Fixation hardwares and Hooks for rails:**



**PVC Accessories:**

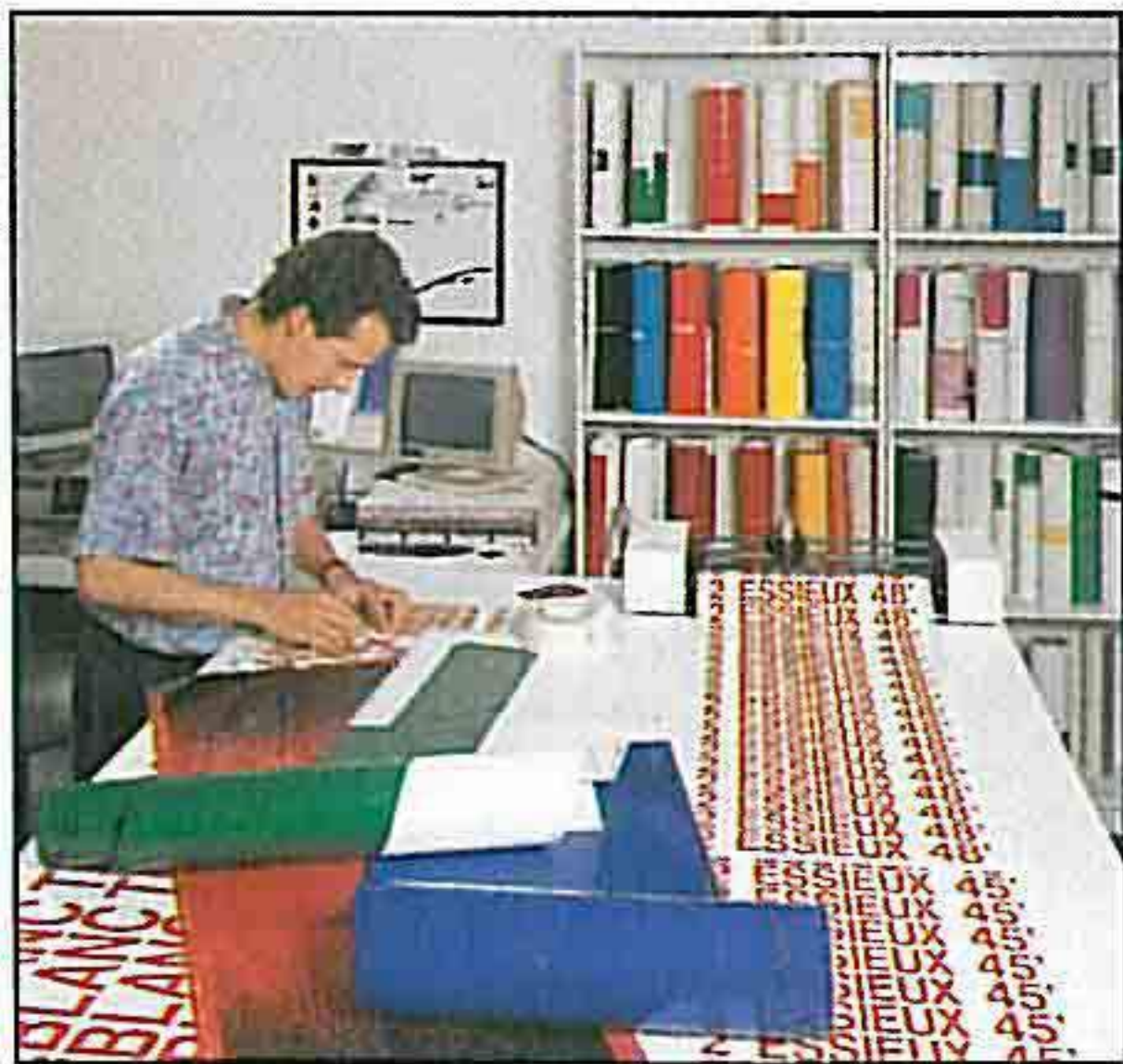


**Custom ligning and designs:**



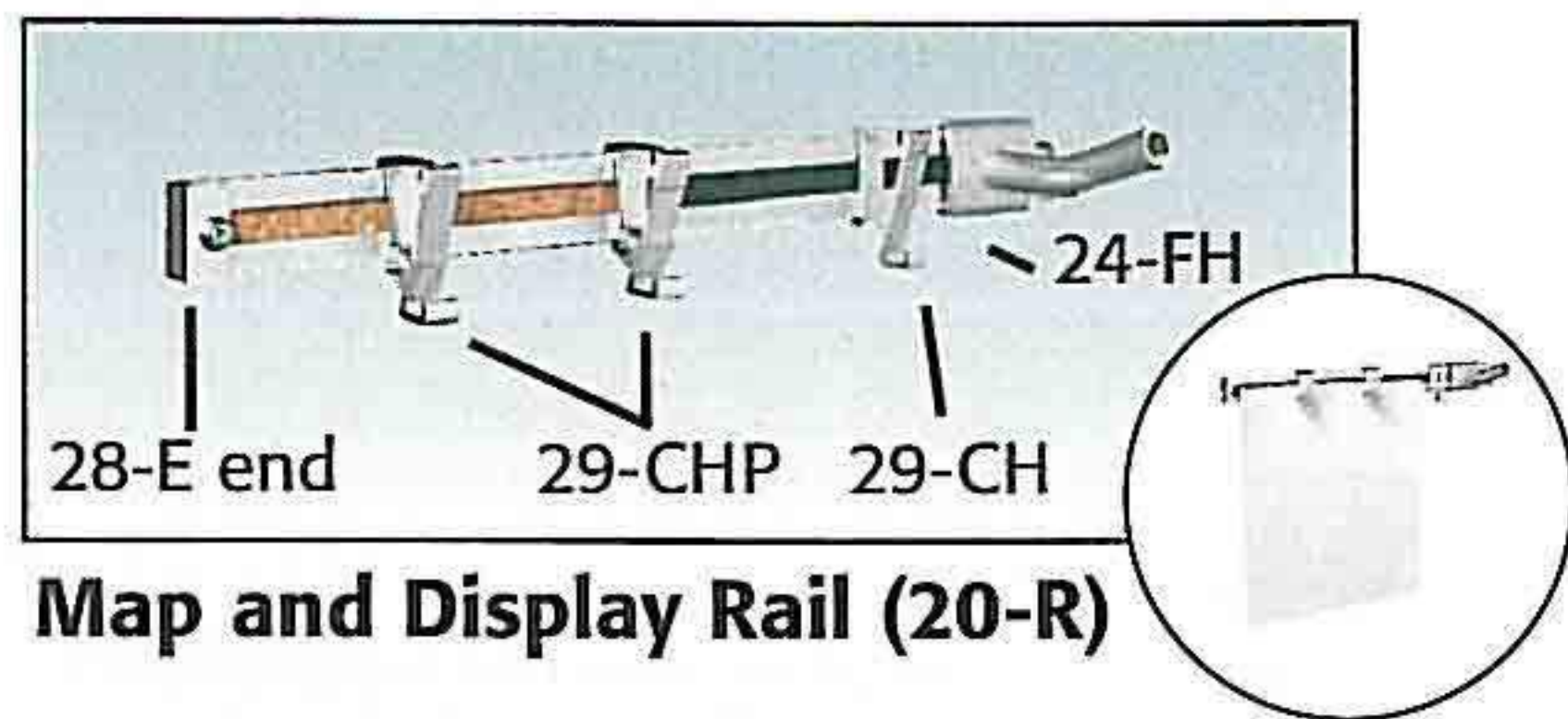
**Custom boards:**

Our team of experts will happily walk you through the design process, advise you on the suitability of materials, and supervise production to ensure that the finished product meets not only your original design concept, but also the quality criteria demanded by the marketplace.

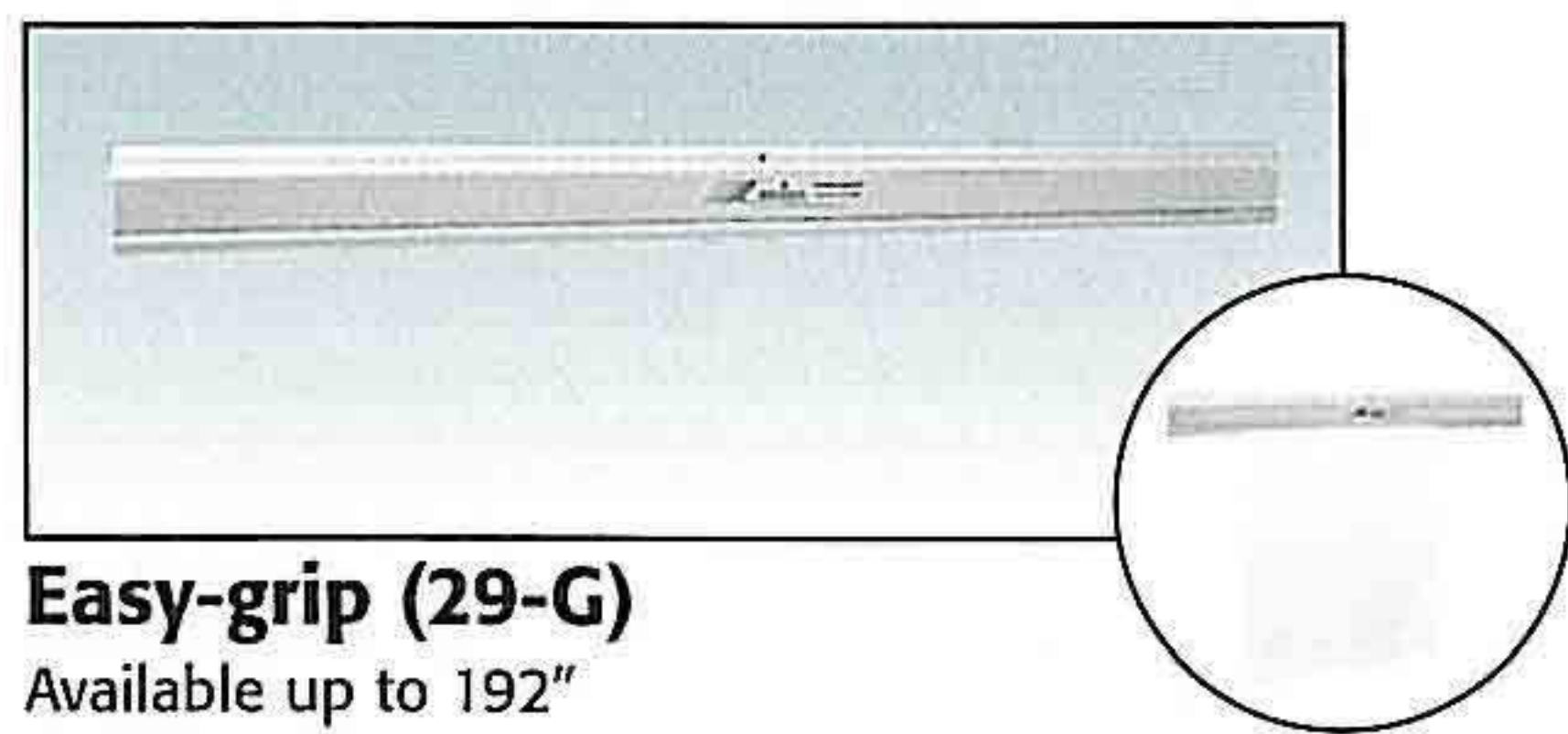




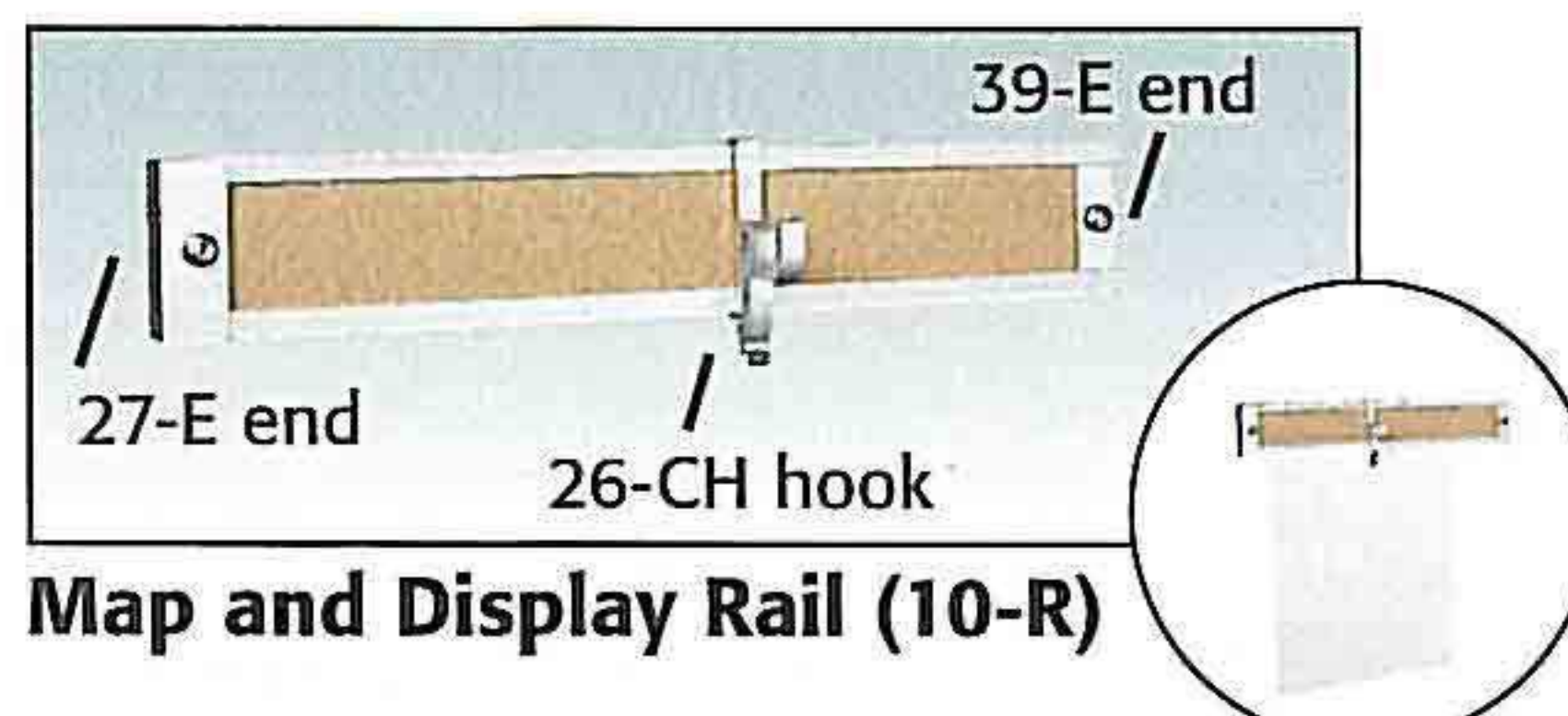
## Display Rail Bulletin Bar:



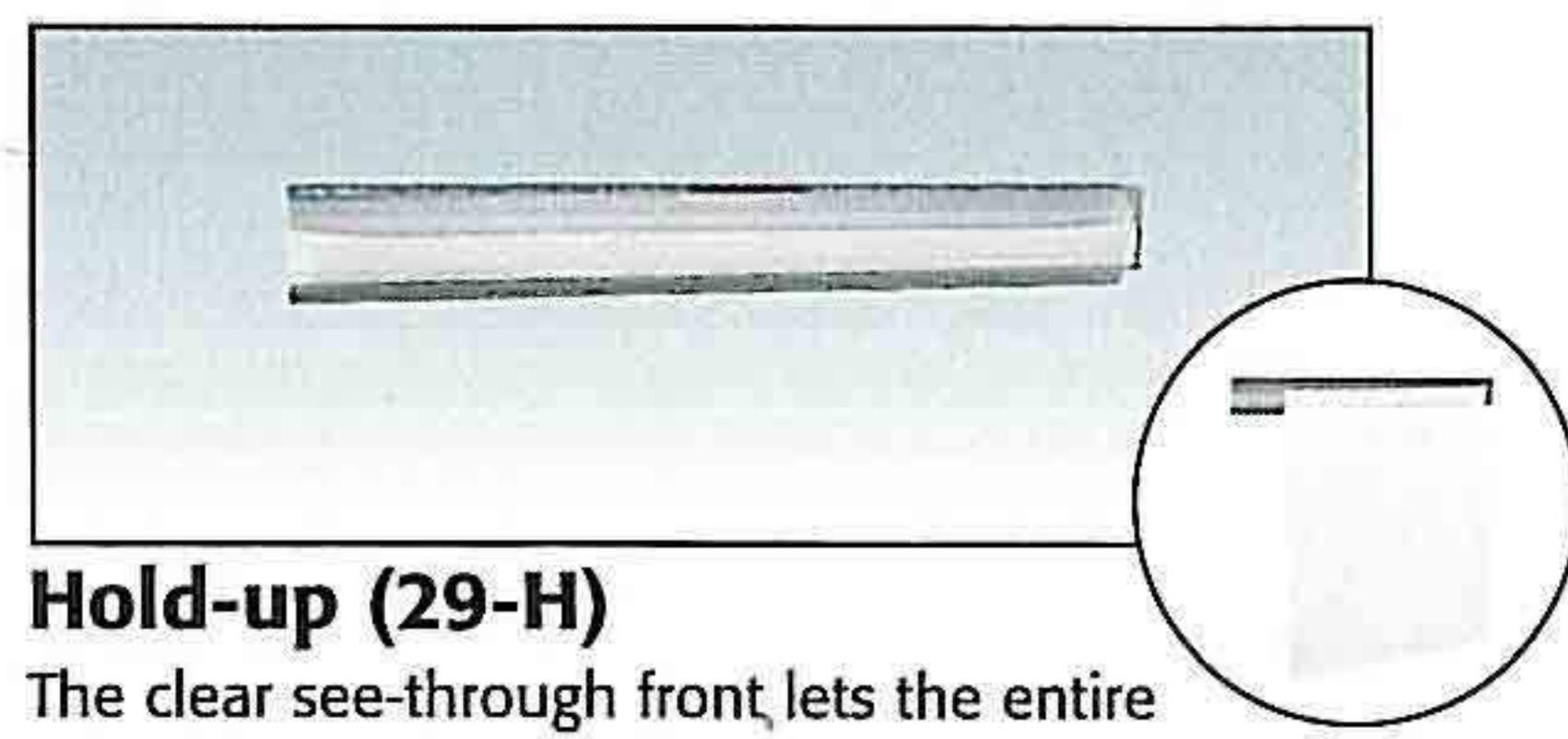
Map and Display Rail (20-R)



**Easy-grip (29-G)**  
Available up to 192"

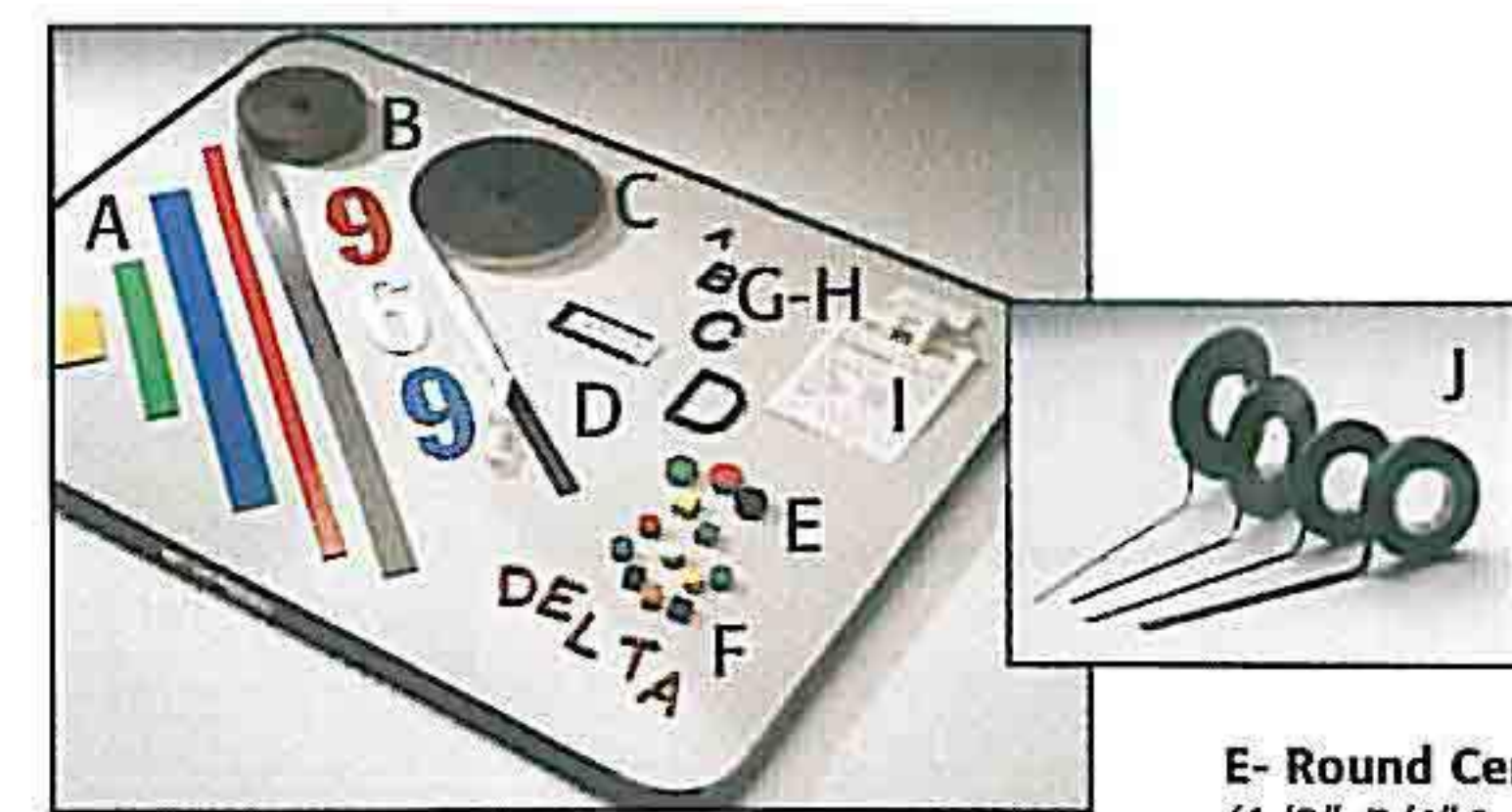


Map and Display Rail (10-R)



**Hold-up (29-H)**  
The clear see-through front lets the entire paper show through. Self-adhesive.  
Available up to 144"

## Accessories for Custom Layout:



### Magnetic accessories :

**A- Magnetic Strips** de couleurs: Series 25 (1/4", 1/2", 3/4", 1", 1 1/2", 2") Write on it with wet-erase marker, 7 colours available

**B- Rubber Magnetic Strips:** Series 21 (1/4", 1/2", 3/4", 1", 2"), Rolls of 25'

**C- Rubber Magnetic Strips:** with adhesive: Series 22 (1/4", 1/2", 3/4", 1", 2"), Rolls of 25'

**D- All-Magnetic Cardholders:** Series 35 (1/2", 1", 1 3/4"), Sold in length of 12"

**E- Round Ceramic Magnets:** Series 26 (1/2", 3/4", 1 1/2"), Pack of 20, 7 colours available

**F- Round Rubber Magnets:** Series 27 (1/2", 3/4"), 7 colours available

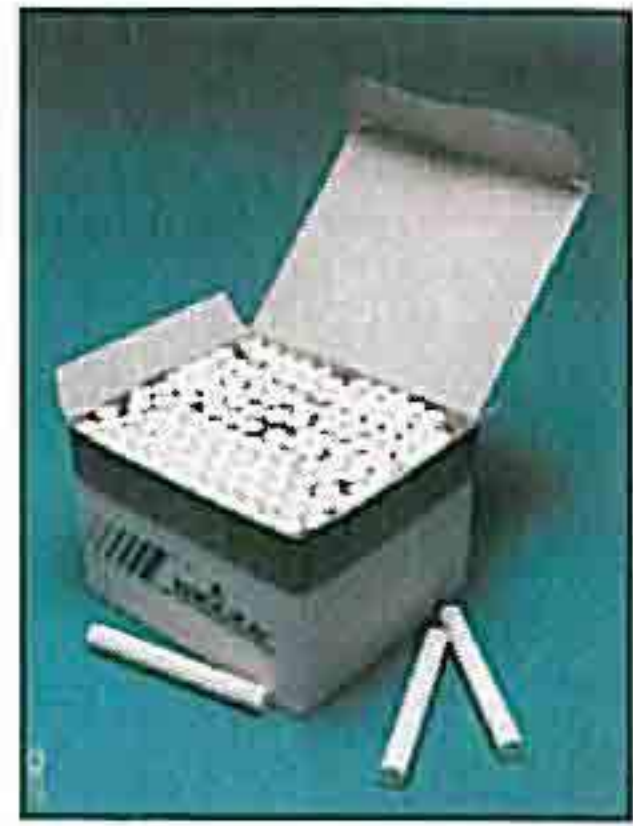
**G- Magnetic Number:** Series 29 (1") In set of 108 each, colours available

**H- Magnetic Letters:** Series 28 (1") In set of 108 each, colours available

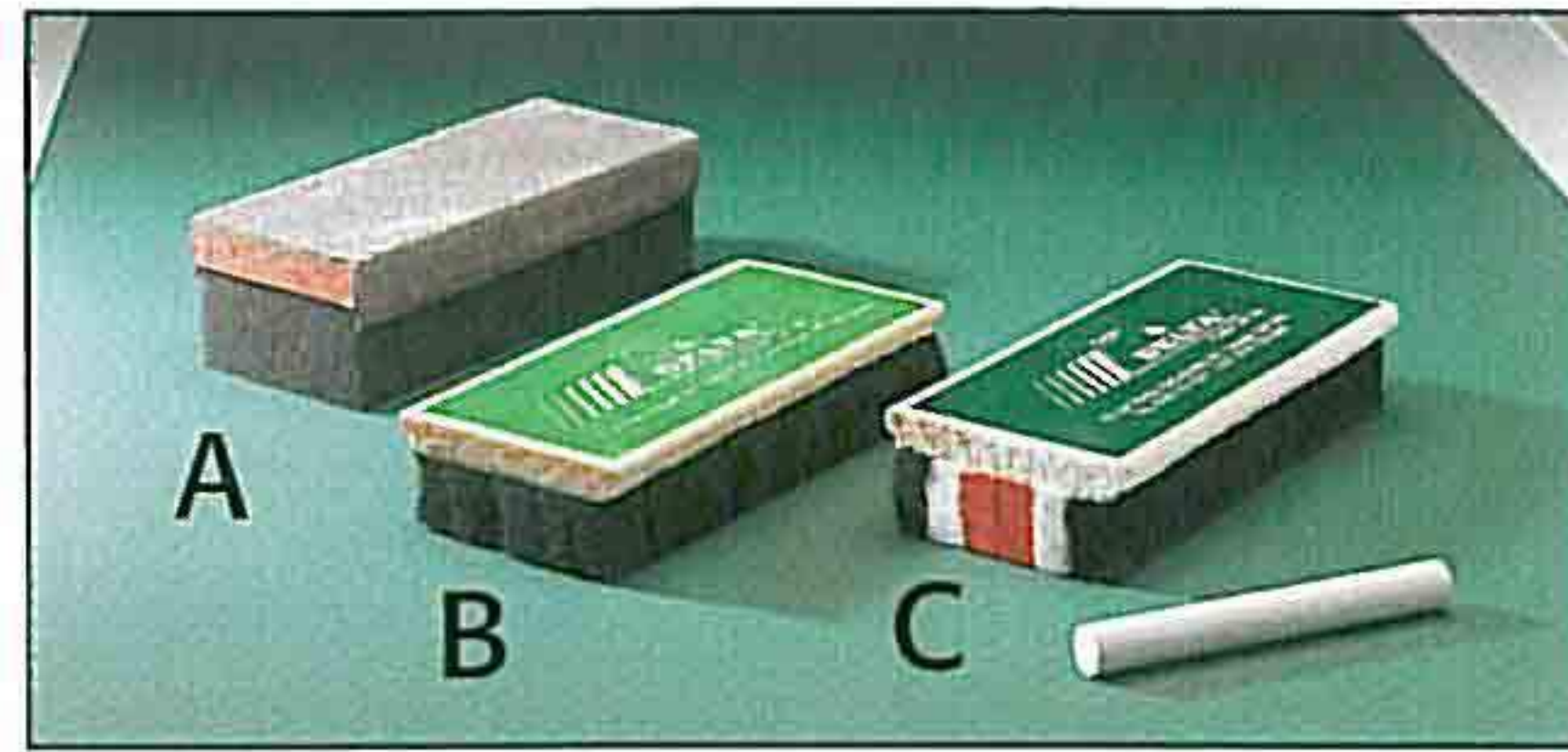
**I- Message Holders:** Series 67, magnetic or adhesive, Pack of 2

**J- Graphic Strips:** Series 33 (1/16", 1/8", 1/4"), colours available

## For Chalkboard:

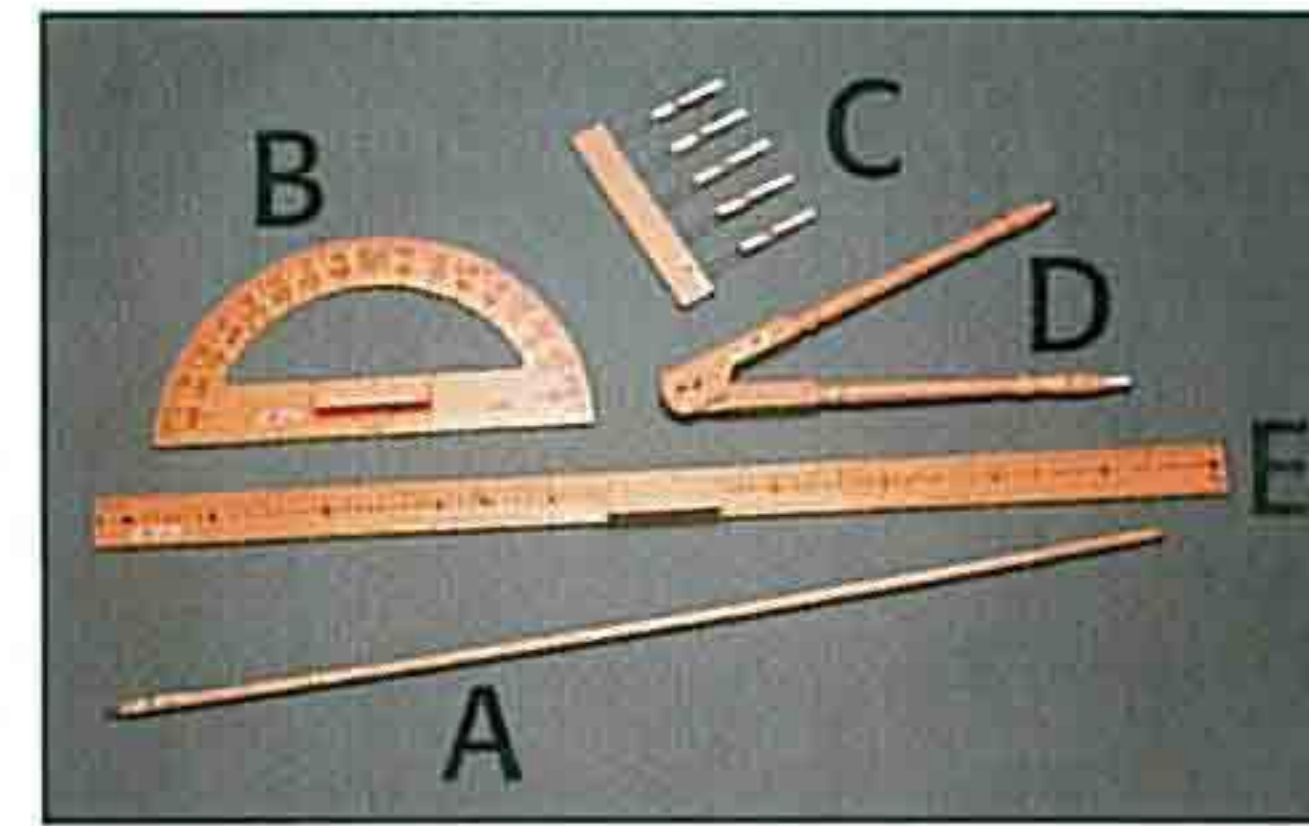


**Chalk**  
57-1-144



### Chalkboard Brushes

**A- I)** 54-B-5-1 (5") **B- I)** 51-B(?) -5-1 (5") **C- I)** 52-B(?) -5-1 (5")  
**II)** 54-B-12-1 (12") **II)** 51-B(?) -12-1 (12") Options : ? = «M», magnetic



**A- Pointer**  
75-37-00-1

**B- Protractor**  
76-180-(?) -00-1

**C- Music Staff liner**  
77-825-00-1

**D- Compass**  
(plastic and steel point)  
78-18-00-1

**E- Straight Edge**  
79-100-(?) -1 (1 m)  
Options: ? = «M», magnetic

## For Whiteboard:



### Cleaner for white board

**A-** 59-W-250 (250 ml)  
**B-** 59-W-500 (500 ml)  
**C-** 59-W-4000 (4 L)

Specially designed to remove stains that markers leave on white boards. It will revive the surface of your board without damaging it.



**Markers**  
dry erasable  
58-D



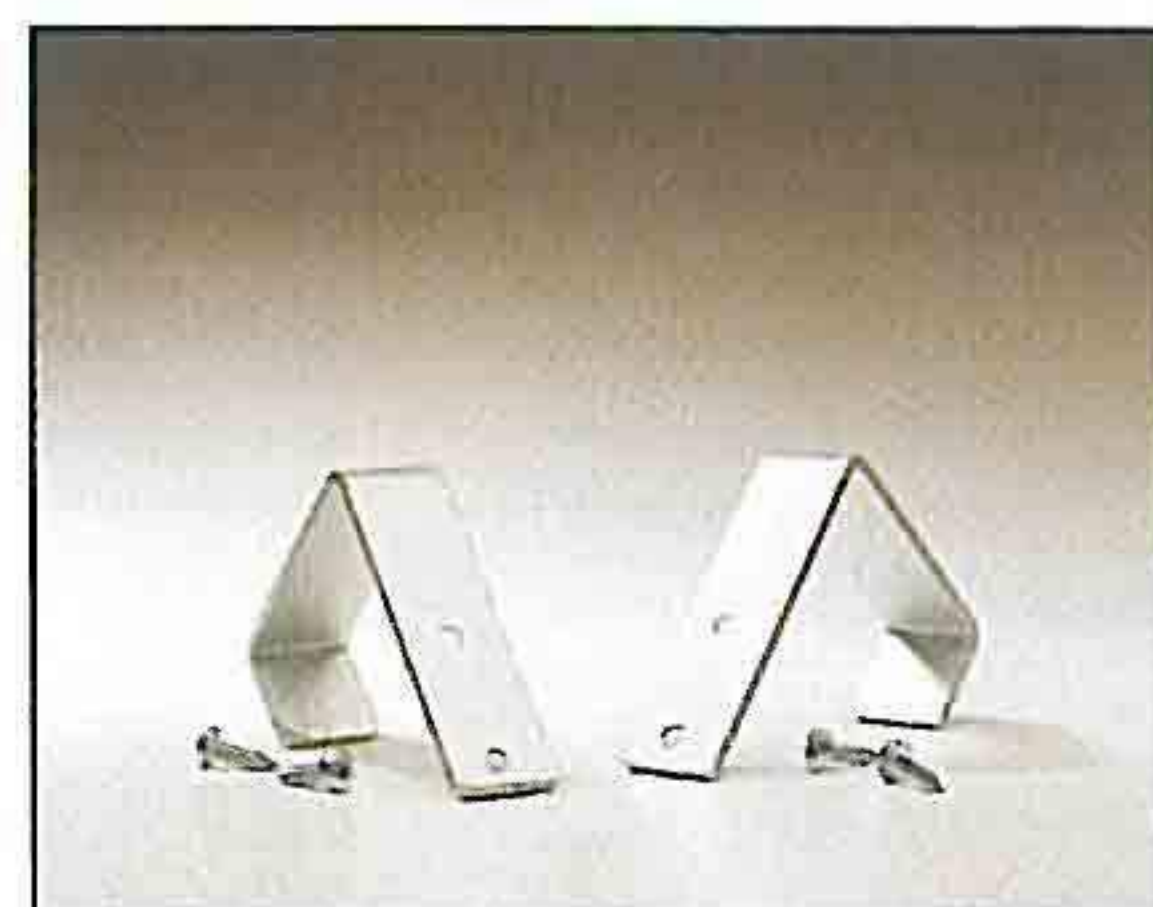
### Whiteboard Brushes

**A- I)** 54-B-5-1 (5")  
**II)** 54-B-12-1 (12")  
**B- I)** 53-B-06-1 (6")  
fiberglass bristle, washable

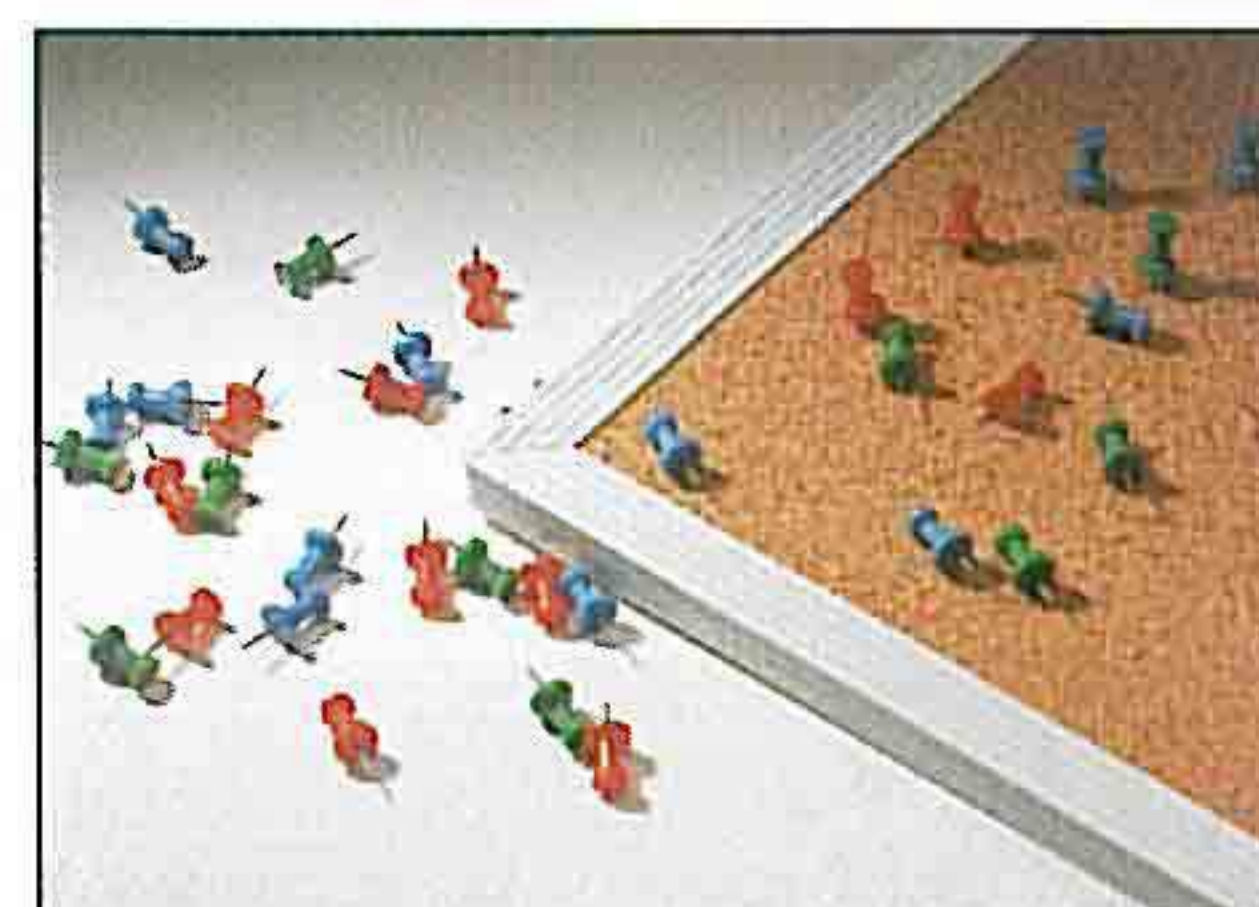


### Laser Pointer

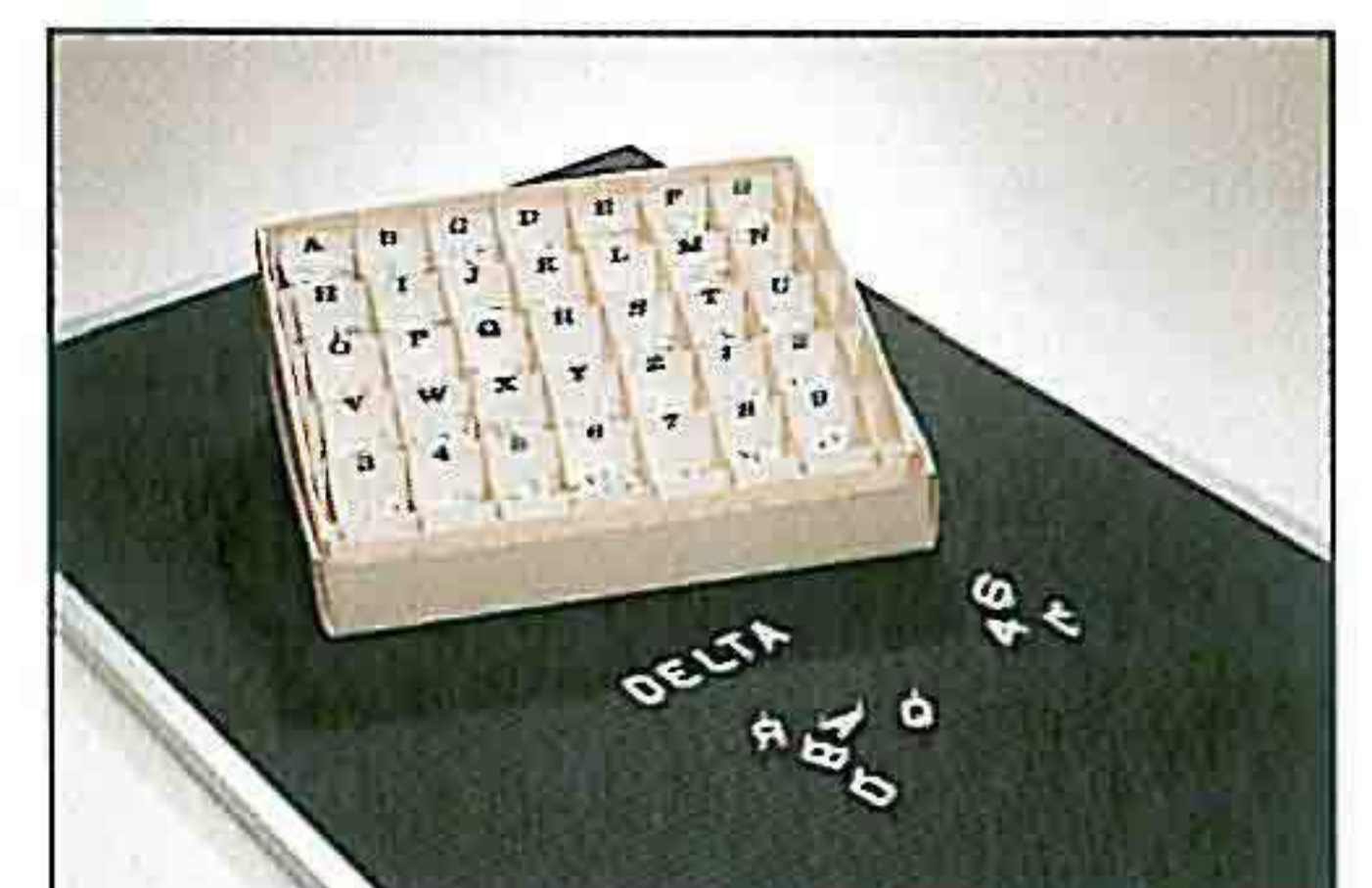
57-L-5-1, this pointer sends a bright red point of laser light right where you want your audience attention, it point up to 165'.



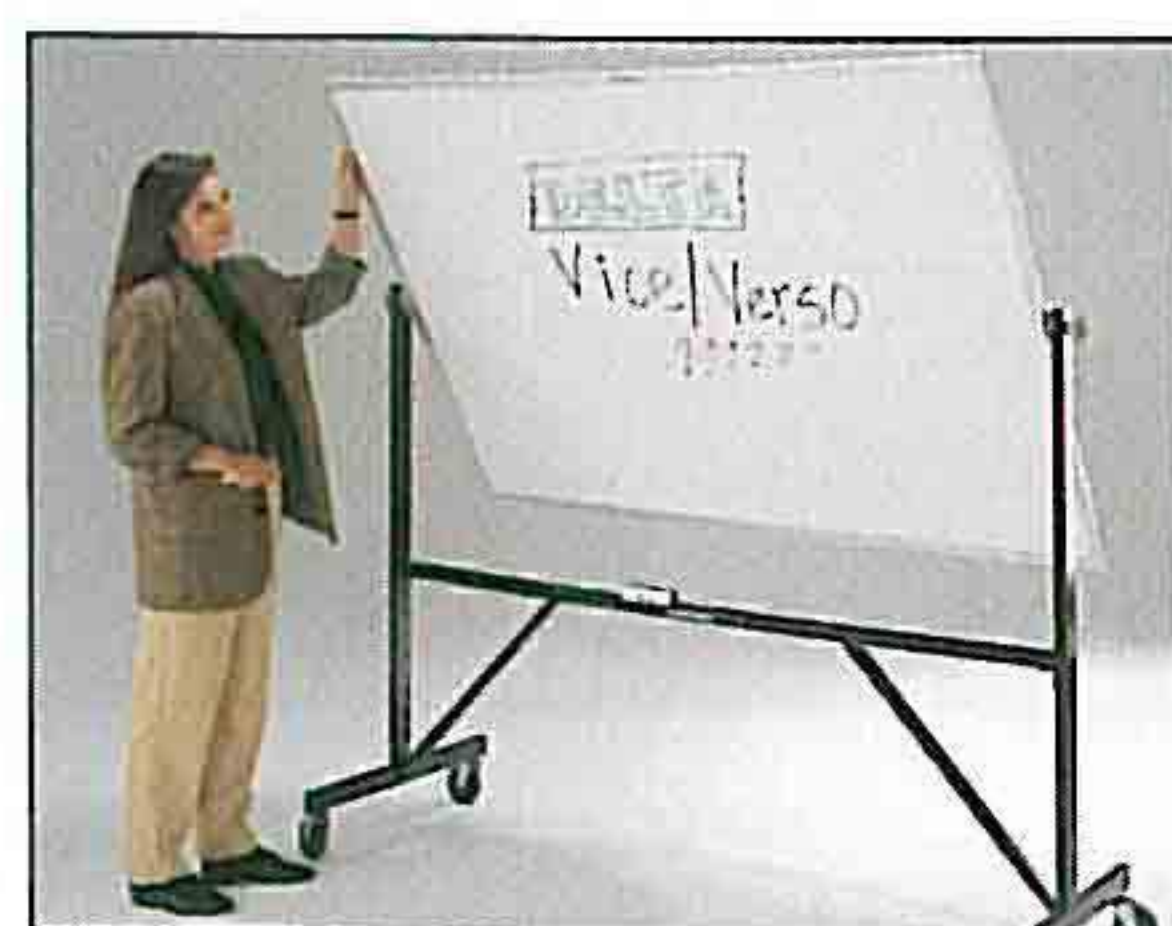
**Ajustable partition Wall Hanger**  
29-ECR  
Fully adjustable from 1" to 3"



**Push Pins**  
56-P



**Changeables Letters and Numbers**  
for directory board  
Series 14 (1/2", 3/4", 1", 1 1/2", 2")  
Packing of 100 or 300 units



Series 55H Horizontal pivot model



Series 55V Vertical pivot model

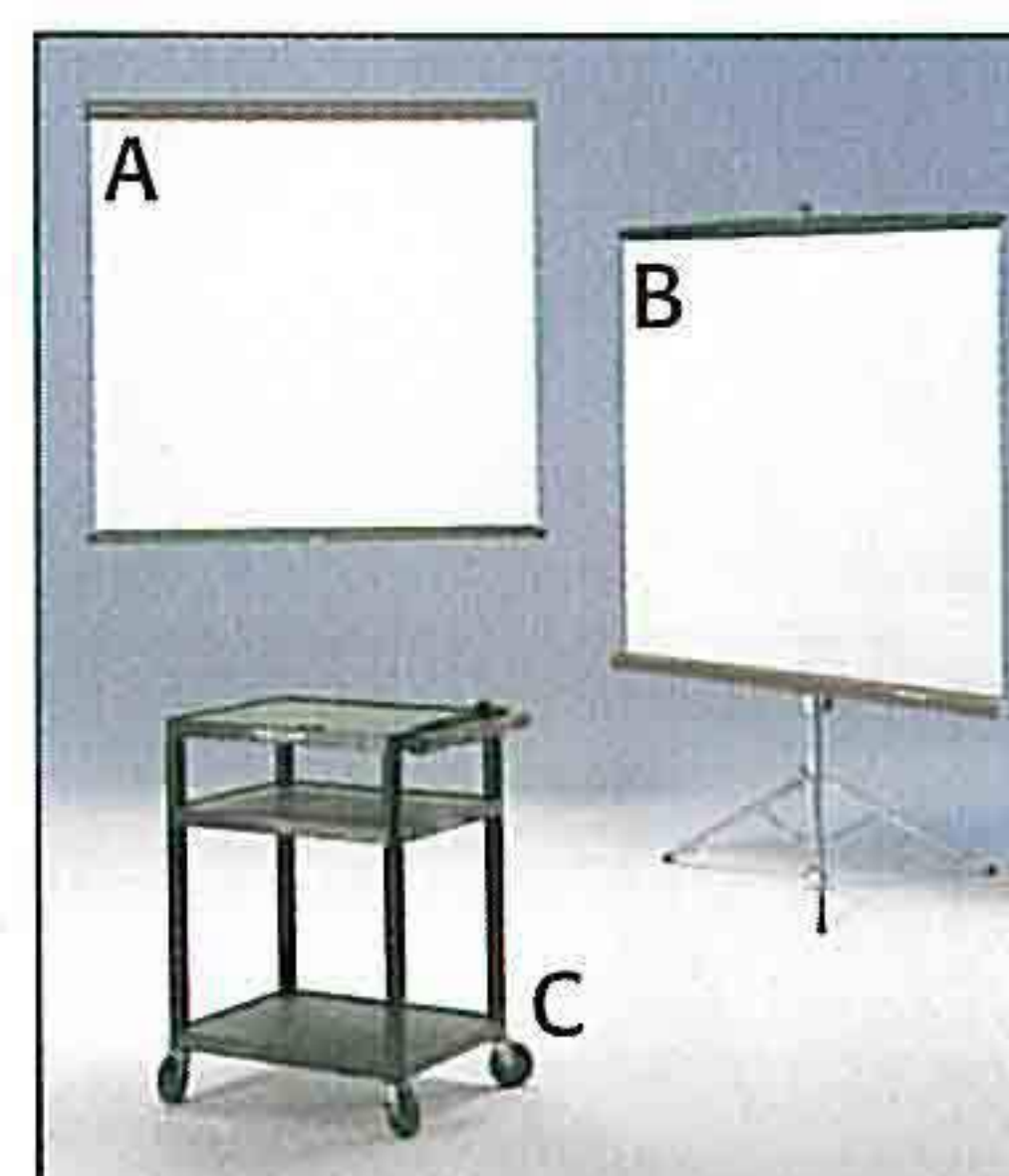
### Vice / verso

available sizes :  
36 x 48" • 48 x 60"  
48 x 72" • 48 x 96"

You can combine any of these surfaces on the 2 faces of your board:

**Writing:** white, chalkboard (green, grey)

**Bulletin board:** Natural cork



### Projection Screen

**A-** EC-6060-ST-85, matt white.  
For wall or ceiling.  
Option : Non-adjustable Wall Brackets 6" or 12".

### Tripod Screen

**B-** Dimension 60 x 60", matt white  
Robust, light and compact - fully collapsible for transport.

### Audio-Visual Table

**C-** TAV-34-2418-E, with electric cords of 20'.  
Constructed of high-impact structural thermoplastic; will never crack, dent, peel or rust.

Dimensions	Weight
50 x 50"	12 lb
60 x 60"	14 lb
70 x 70"	16 lb
84 x 84"	20 lb
96 x 96"	25 lb

## ACCESSORIES







**Web Site:**  
[www.delta-products.com](http://www.delta-products.com)  
**E-mail:**  
[support@delta-products.com](mailto:support@delta-products.com)

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