

## THRESHOLD PRODUCTS

- Saddle
- Half Saddle
- Offset
- Carpet Dividers
- Carpet Edges
- Bumper Seal
- Offset Bumper Seal
- Stop Strips
- Elevators
- RCE
- Anchors
- ADA Compliant
- Ramps
- Interlocking Ramps
- Rubber Ramps
- Diamond Tread
- Plate
- Cover Plates
- Floor Closer Covers
- Threshold Assembly Parts
- Safety Tread Plates
- Stair Nosings
- Cast Thresholds
- Thermal Break
- Residential
- Architectural Bronze
- Stainless Steel



# Thresholds



## Symbols/Legend



**ADA COMPLIANT** Barrier Free Thresholds meet the requirements of the Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines - July 23, 2004 and ICC/ANSI A117.1-2003 Accessible and Usable Building and Facilities.



**POSITIVE PRESSURE UL10C CLASSIFIED**, Category 'J'; complies with IBC, NFPA 80 and NFPA 252 for application to Positive Pressure Steel fire doors rated up to 3 Hrs., and Wood type Fire doors rated up to 90 minutes. (Ratings on some items vary and are noted.)



**UL10B and CAN4-S104-80M CLASSIFIED**; complies with NFPA 80 and NFPA 252 for application to Steel fire doors rated up to 3 Hrs., and Wood type fire doors rated up to 90 minutes. (Rating on some items vary and are noted.)



**Air Infiltration Tested** to ASTM E283, Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.



**SLIP-RESISTANT** NGP 'SIA' (Slick-it-Ain't) textured surface is available on all thresholds. Our process embeds and fuses bits of hot nickel and titanium into the surface of the threshold. This technology originally developed for use on aircraft carrier decks is very skid resistant and will not wear off.



**ANSI/BHMA CERTIFIED.** Certified thresholds comply with American National Standard for Thresholds ANSI/BHMA A156.21-2009 and are listed in the BHMA Certified Products Directory.



Online product listings at [www.ul.com/database](http://www.ul.com/database)



## ANSI/BHMA

The following interprets ANSI/BHMA numbers which identify material and type of products. For products that meet ANSI/BHMA Standards, look for the BHMA certified logo next to the product in our catalog. For a complete listing refer to the BHMA Certified Products Directory online at [www.buildershardware.com](http://www.buildershardware.com).

### American National Standard for Thresholds ANSI/BHMA A156.21 (2009)

1 Product Section	2 Material	3 Configuration	4 Surface	5 Description	6 Description
"J" designates Architectural Door Trim, Thresholds	<ol style="list-style-type: none"> <li>1. Architectural Extruded Brass or Bronze</li> <li>3. Aluminum</li> <li>5. Stainless Steel</li> <li>7. Rubber &amp; similar non-metallics</li> <li>0. Other (ie: cast iron, safety abrasive, etc.)</li> </ol>	<ol style="list-style-type: none"> <li>1. Compressing Top</li> <li>2. Flat Saddle</li> <li>3. Half Saddle</li> <li>4. Interlocking</li> <li>5. Rabbeted, latching/ Panic w/gasket</li> <li>6. Rabbeted, latching/ Panic w/gasket</li> <li>7. Plate</li> <li>8. Ramped</li> <li>9. Saddle for floor closer.</li> <li>0. None designated</li> </ol>	<ol style="list-style-type: none"> <li>1. Fluted</li> <li>2. Fluted w/abrasive</li> <li>3. Smooth</li> <li>4. Smooth w/abrasive</li> </ol>	<ol style="list-style-type: none"> <li>1. Applied Stop</li> <li>2. Applied Stop w/ gasket</li> <li>3. Barrier Free</li> <li>4. Carpet Separator</li> <li>5. Ends Mitered</li> <li>6. Expansion Assembly</li> <li>7. Hook Strip Applied to door</li> <li>8. Offset</li> <li>9. Thermal Barrier</li> <li>0. None Designated</li> </ol>	<ol style="list-style-type: none"> <li>1. Applied Stop</li> <li>2. Applied Stop w/ gasket</li> <li>3. Barrier Free</li> <li>4. Carpet Separator</li> <li>5. Ends Mitered</li> <li>6. Expansion Assembly</li> <li>7. Hook Strip Applied to door</li> <li>8. Offset</li> <li>9. Thermal Barrier</li> <li>0. None Designated</li> </ol>

**Threshold Product Index:**

Anchors	T10	Half Saddle	T16, T17, T45
Architectural Bronze	T39-T46	Interlocking	T34, T44
Bumper Seal	T11-T13, T15, T19, T38, T39, T43	Offset	T14, T15
Carpet Dividers/ Edges	T14	Residential	T35
Cast Aluminum	T31	Return Closed Ends	T5
Cover Plates	T28, T38, T39	Ramps	T20-T25
Custom Fabricated	T26-T27, T46	Saddle	T6-T9, T33, T36-T37, T40-T41
Diamond Tread Plate	T29	Safety Tread Plates	T29
Elevators	T10	Stair Nosings	T30
Fasteners	T47	Stainless Steel	T36-T38
Floor Closer Covers	T32, T33	Stop Strips	T10
		Thermal Break	T18-T19, T42-T43

**Numerical Index:**

BAR1	T27	R150	T20	414	T14	512SS	T37	883	T13	3241	T30	8163	T26
BAR1BR	T46	RO150	T22	414-75	T14	513	T8	883SS	T38	3504	T29	8164	T26
BAR2	T27	R175	T20	415	T16	513FC	T33	884	T13	3509	T30	8167	T26
BAR2BR	T46	RO175	T22	415BR	T45	513BR	T40	884-6	T15	3510	T29	8168N	T26
2	T10	R200	T20	416	T14	513HD	T11	884-7	T15	3511	T30	8170	T26
BAR3	T27	RO200	T22	417	T14	513SS	T36	884-8	T15	4413	T31	8424	T18
BAR3BR	T46	211	T7	418BR	T39	524	T7	884BR	T39	4424	T31	8424BR	T42
BAR4	T27	215	T16	424	T7	525	T7	884SS	T38	4425	T31	8425	T18
BAR4BR	T46	215BR	T45	424BR	T41	612SS	T37	885	T15	4513	T31	8425BR	T42
4	T10	R225	T20	424E	T6	613	T8	885-6	T15	4884	T31	8426	T18
BAR5	T27	RO225	T22	424FC	T33	613SS	T36	885-7	T15	4891	T31	8426BR	T42
BAR5BR	T46	R250	T20	425	T7	613BR	T40	888	T15	RR5007BL	T25	8427	T18
BAR6SS	T28, 38	RO250	T22	425BR	T41	653	T14	890	T13	8132	T16	8427BR	T42
RCE-9	T21	315	T16	425E	T6	654	T25	891	T12	8133	T27	8428	T18
12V	T35	315BR	T45	425FC	T33	655	T14	893	T12	8134	T27	8428BR	T42
RCE-15	T21	321	T17	425HD	T11	656	T14	894	T12	8135	T12	8429	T18
RCE-21	T21	321BR	T45	426	T7	657	T25	895	T34	8136	T10, T27	8429BR	T42
23	T35	322	T17	426BR	T41	658	T25	895BR	T44	8136BR	T46	8430	T18
25	T35	322BR	T45	426E	T6	659	T14	896	T11	8137	T27	8430BR	T42
RCE-30	T21	323	T17	427	T7	700E	T10	896BR	T39	8138	T27	8434	T19
30	T35	324	T17	427BR	T41	712SS	T37	896SS	T38	8139	T27	8434BR	T43
RR42	T25	324BR	T45	427E	T6	713	T8	897	T12	8139BR	T46	8435	T19
R50	T20, 24	325	T17	427FC	T33	713BR	T40	898	T17	8140	T27	8435BR	T43
RO50	T22	325BR	T45	428BR	T41	713FC	T33	912SS	T37	8140BR	T46	8436	T19
57	T10	327	T17	428E	T6	713SS	T36	913	T8	8141	T27	8436BR	T43
58	T10	327BR	T45	428FC	T33	720	T10	913SS	T36	8141BR	T46	8437	T19
58BR	T41	350	T17	429E	T6	721	T10	950	T11	8142	T26	8437BR	T43
R75	T20	350BR	T45	429BR	T41	803	T13	951	T24	8142BR	T46	8475	T7
RO75	T22	404	T14	430E	T6	804	T13	953	T24	8143	T26	Fasteners	T47
80	T34	404BR	T39	430BR	T41	812SS	T37	954	T24	8143BR	T46	RCE	T5
80B	T44	405	T35	432	T34	813	T8	955	T24	8144	T26	Type 1	T32
81	T34	407	T14	432BR	T44	813BR	T40	RR952	T25	8144BR	T46	Type 3	T32
81B	T44	408	T9	435	T34	813FC	T33	957	T24	8145	T26	Type 4	T32
82	T34	410	T9	437	T34	813SS	T36	959	T24	8145BR	T46	Type 5	T32
83	T34	411	T9	442-5	T34	814	T28	960	T24	8146	T26		
83BR	T44	411BR	T40	442BR	T44	814SS	T28, 38	961	T24	8146BR	T46		
R100	T20	412	T9	457	T16	818	T28	962	T24	8147	T26		
RO100	T22	412SS	T37	458	T16	818BR	T38	1012SS	T37	8148	T26		
111	T9	413	T8	473BR	T44	818SS	T28, 38	1013	T8	8149	T26		
123	T34	413BR	T40	483BR	T44	828	T29	1013SS	T36	8150	T26		
R125	T20	413FC	T33	484BR	T44	838	T28	3231	T30	8151	T27		
RO125	T22	413SS	T36	512	T8	882	T27	3235	T30	8152	T27		



## Materials

Thresholds are Aluminum Alloy 6063, T5 temper, unless noted.  
Cover Plates 818, 814 and 828 are Aluminum Alloy 3003, H14 hardness.  
Cover Plate 838 is Aluminum Alloy 5052, H32 hardness.

Architectural Bronze Thresholds are Alloy CDA 385 (Copper Alloy No. C38500), Architectural Bronze.  
Brass Cover Plate 818BR is Alloy CDA 260 (Copper Alloy No. C26000) cold formed Cartridge Brass.

Stainless Steel Thresholds and Cover Plates are Type 304; known for its excellent corrosion resistance, high tensile strength and resistance to oxidation.

## Threshold Finishes

			NGP Suffix:
Aluminum:	Mill Finish	ANSI/BHMA 719	None
	Dark Bronze		DKB
	Polished	ANSI/BHMA 717	POL
	Powder Coated Colors – Slip Resistant	See Page L2 for details	SIA
Architectural Bronze:	Satin Finish	ANSI/BHMA 728	BR
	Dark Bronze Oil Rubbed	ANSI/BHMA 722	BR-DKB
	Polished	ANSI/BHMA 721	BR-POL
	Slip Resistant		BR-SIA
Stainless Steel:	Mill Finish	#2B	SS
	Brushed (#4)	ANSI/BHMA 630	SS-Brushed
	Polished	ANSI/BHMA 629	SS-POL
	Slip Resistant		SS-SIA

## Slip Resistant Finish



SIA (Slick It Ain't) finish is our slip resistant textured surface, available on all thresholds up to 24" wide and on 818 aluminum and brass cover plate up to 10" wide.

Our SIA technology embeds bits of hot nickel and titanium into the surface of the threshold using a high pressure thermo-electrostatic process. It was originally developed for use on aircraft carrier decks. SIA finish is very durable and will not wear off.

This results in a slip resistant surface that is similar to high grit sandpaper.

Aluminum and Stainless Steel SIA finish thresholds are a pewter color.  
Architectural Bronze SIA finish thresholds are a brass color.

## Powder Coat Finish

Powder Coat finish is available on most thresholds upon request. Refer to page L2 for standard color options. Consult factory for custom color matching.

## General Information

Thresholds are furnished longer than ordered to allow for field sizing and fitting. 1/2" is added to thresholds under 61"; 1" is added to thresholds over 61".

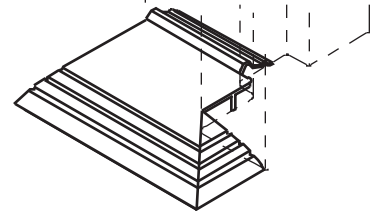
Special Drilling and Notching is available; details must be provided with the order.

Radiation shielding with .030" thick Lead is available on most thresholds. Specify "Lead Lined".

Catalog Illustrations are full scale, except as noted.

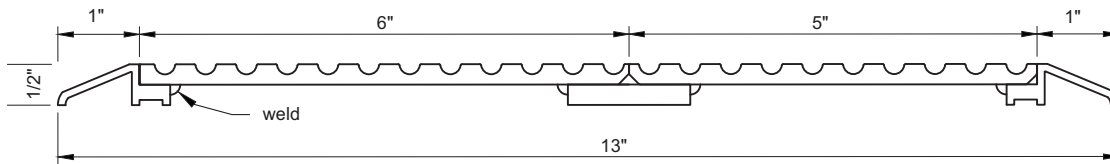
## Returned Closed Ends

Return Closed Ends (RCE's) are available on most beveled thresholds. The corner is miter cut on a 45 degree angle and returned to the face of the door frame for a neat, clean, finished appearance. Specify: "RCE"



## Custom Fabricated Thresholds

Our Custom Fab dept. specializes in producing custom made-to order thresholds to your specifications. Submit your details to our technical dept. for a quotation and drawing for your approval. Components shown on pages T-26, T-27 and T-46 are used to build special assemblies like the one illustrated below. Aluminum, Brass and Stainless Steel Cover Plates are also custom formed and welded to meet special requirements.



8137 x 8146 (Rip to 6") x 8145 x 8137 x Bar4 x Welded profile Assembly View

## LEED® Green Building Rating System

The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a national standard for developing high-performance, sustainable buildings developed by the U. S. Green Building Council.

Our products contain the following percentages of recycled materials qualifying for LEED® MR Credit 4; Recycled content:

	Post Consumer Recycled %	Pre-Consumer Recycled %
Thresholds - Aluminum and Bronze	75%	0%
Thresholds - Stainless Steel	90%	0%
Rubber Ramps	0%	0%

Contact us for a current letter containing LEED qualification information for all our products.

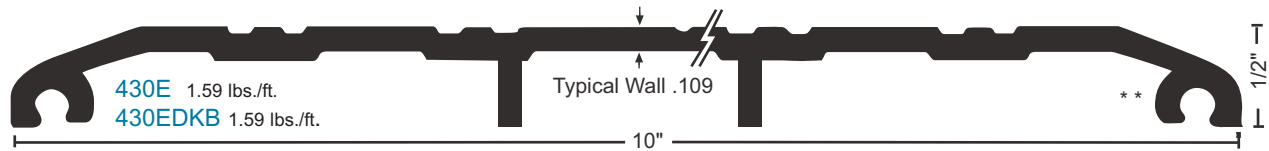
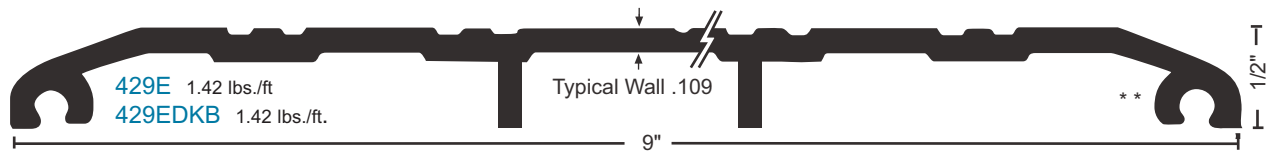
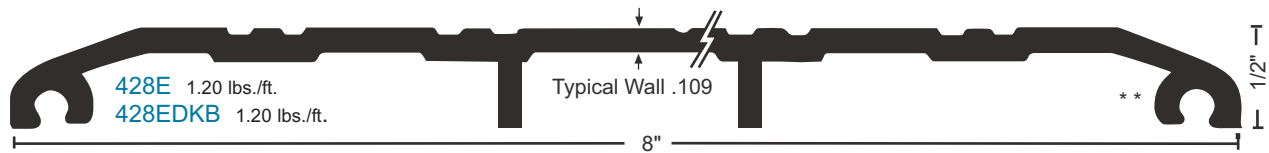
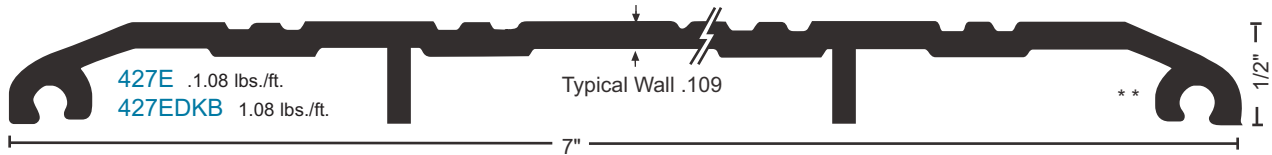
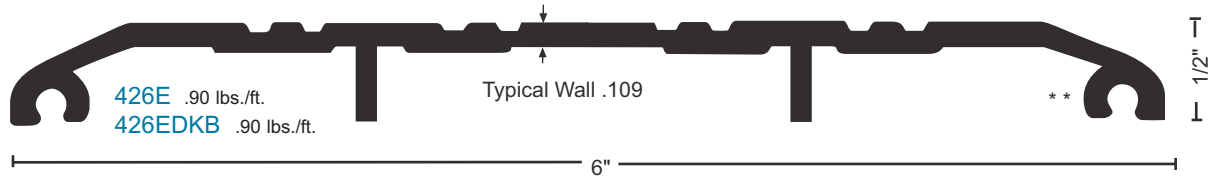
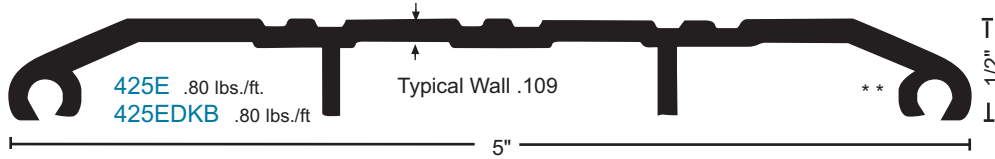


## Buy American Act

Over 99% of our products are produced in the United States as a domestic construction material, as defined in the Buy American Act (BAA) of March 1933 and amended by the Buy American Act of 1988; and additionally qualify as manufactured products produced in the United States as manufactured goods, as defined in OMB Guidance (176.140; 176.70(a) (2) (ii); 176.160, complying with the Federal American Recovery Reinvestment Act, ARRA-2009. Contact us for a BAA or ARRA certificate for your project.

## Saddle Thresholds

All thresholds this page



### MATERIALS & FINISHES



- Aluminum mill finish
- DKB - Aluminum dark bronze finish

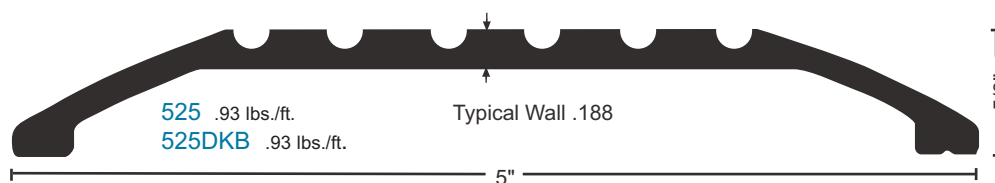
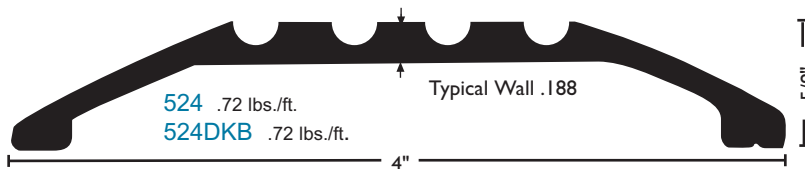
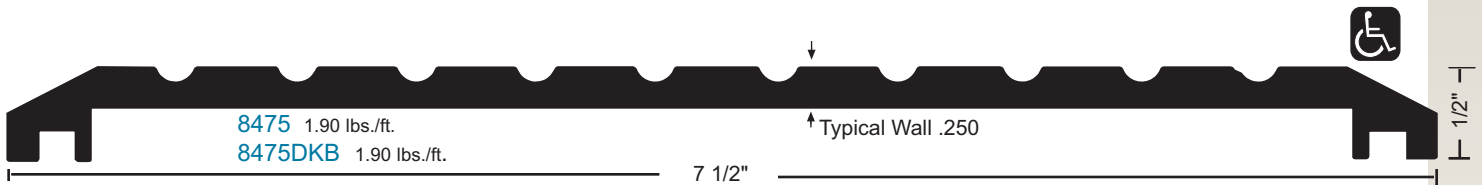
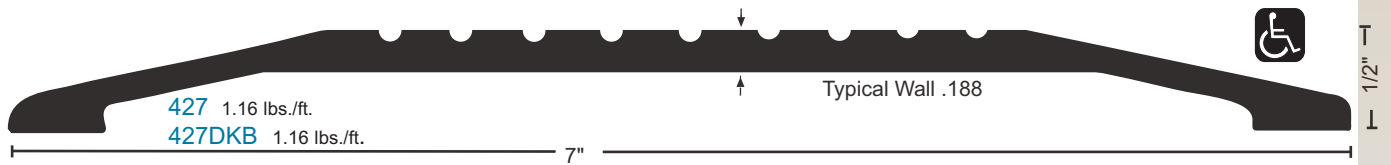
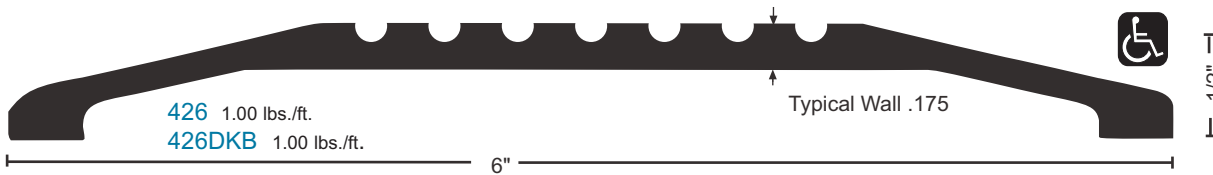
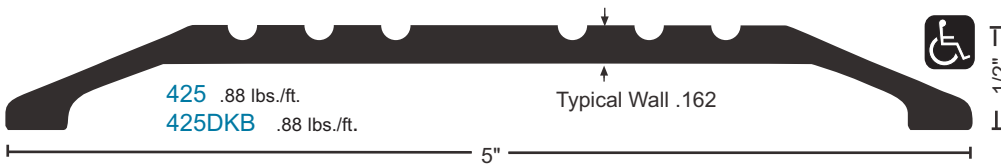
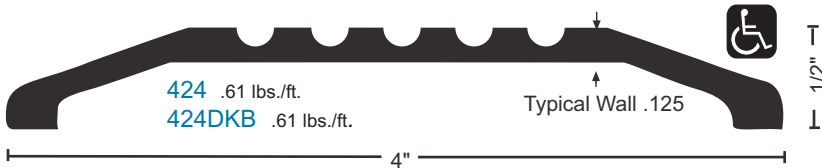
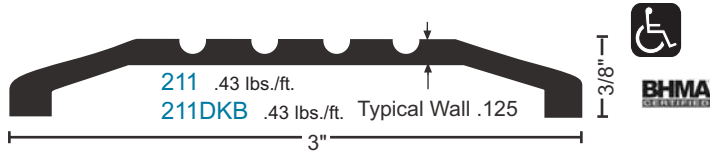


Slip Resistant SIA Finish  
All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".



\*\* VINYL FOOT SEAL used instead of caulking to increase the weather resistance of the threshold. Specify on order

All thresholds this page  



### MATERIALS & FINISHES

- Aluminum mill finish
- DKB - Aluminum dark bronze finish



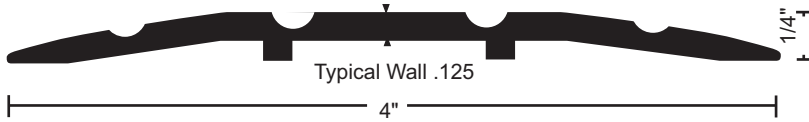
Slip Resistant SIA Finish  
All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".

### FASTENERS

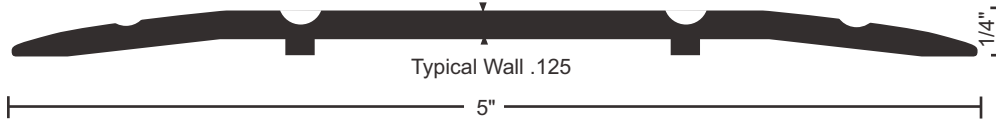
#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.



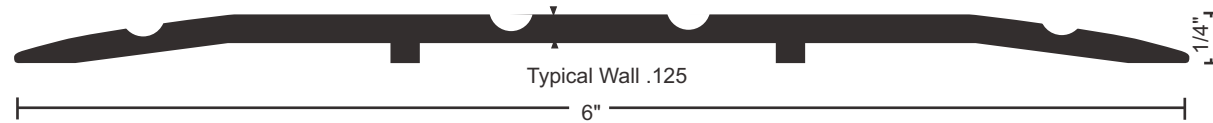
All thresholds this page



**413** .53 lbs./ft.  
**413DKB** .53 lbs./ft.



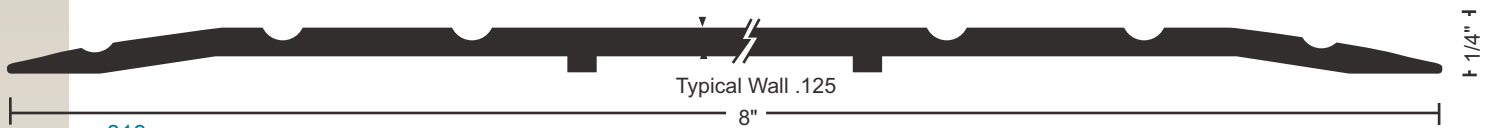
**513** .68 lbs./ft.  
**513DKB** .68 lbs./ft.



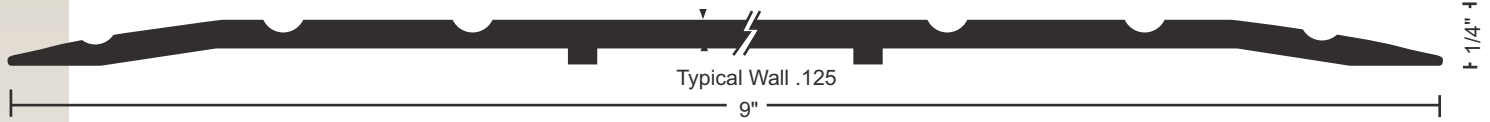
**613** .88 lbs./ft.  
**613DKB** .88 lbs./ft.



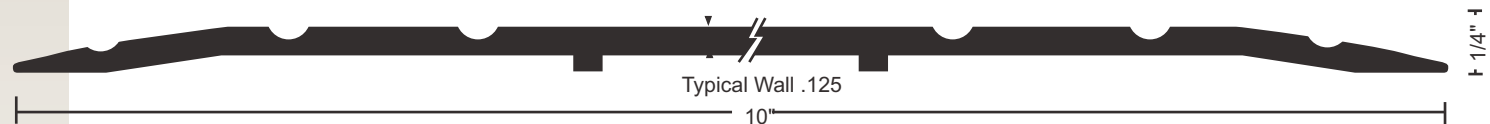
**713** 1.01 lbs./ft.  
**713DKB** 1.01 lbs./ft.



**813** 1.20 lbs./ft.  
**813DKB** 1.20 lbs./ft.



**913** 1.41 lbs./ft.  
**913DKB** 1.41 lbs./ft.



**1013** 1.63 lbs./ft.  
**1013DKB** 1.63 lbs./ft.

**MATERIALS & FINISHES**

- Aluminum mill finish
- DKB - Aluminum dark bronze finish



Slip Resistant SIA Finish  
All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".

**FASTENERS**

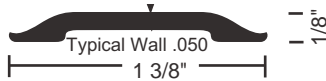
#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.



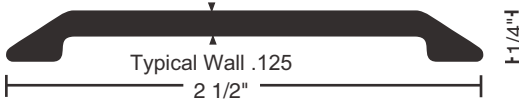
## Smooth Surface Thresholds

Recommended to provide the best results where automatic door bottoms are used.

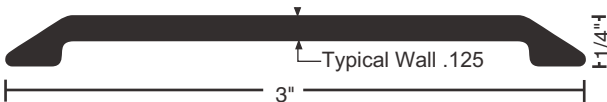
All thresholds this page



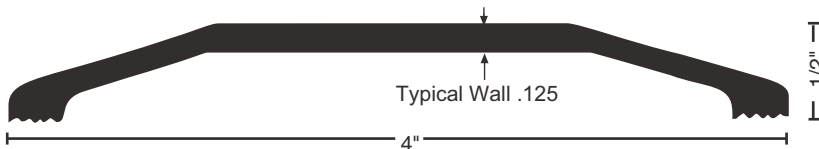
**408** .10 lbs./ft.  
**408DKB** .10 lbs./ft.



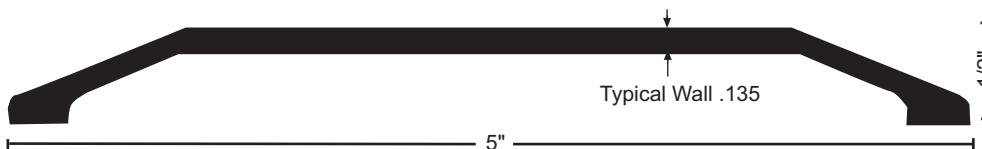
**410** .36 lbs./ft.  
**410DKB** .36 lbs./ft.



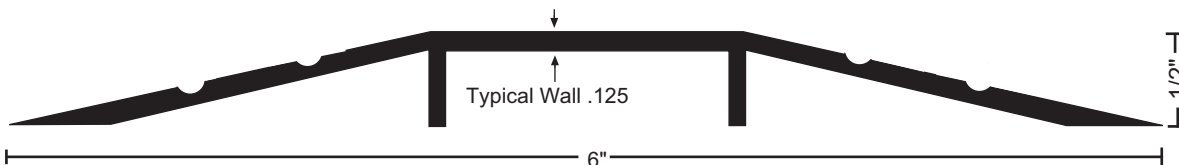
**411** .50 lbs./ft.  
**411DKB** .50 lbs./ft.



**412** .63 lbs./ft.  
**412DKB** .63 lbs./ft.



**512** .82 lbs./ft.  
**512DKB** .82 lbs./ft.



**111** .93 lbs./ft.  
**111DKB** .93 lbs./ft.

### MATERIALS & FINISHES

- Aluminum mill finish
- DKB - Aluminum dark bronze finish



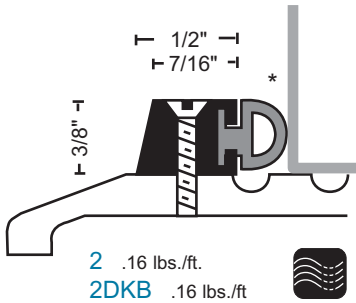
Slip Resistant SIA Finish  
 All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".

### FASTENERS

#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.

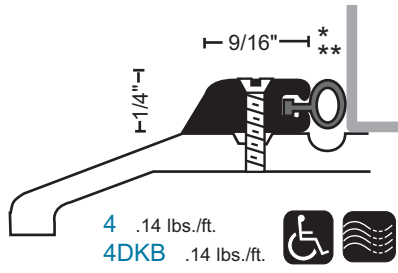
## Stop Strips

All stop strips this section



2 .16 lbs./ft.  
2DKB .16 lbs./ft.

#6 self-tapping machine screw provided



4 .14 lbs./ft.  
4DKB .14 lbs./ft.

#6 self-tapping machine screw provided

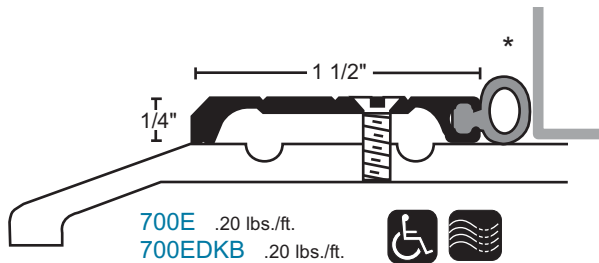
**\* Bumper Seal**

Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

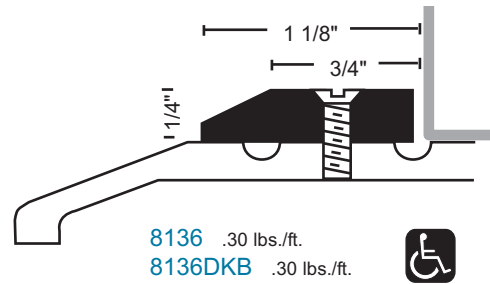
Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")

\*\*Pile insert not available



700E .20 lbs./ft.  
700EDKB .20 lbs./ft.

#10 self-tapping machine screw provided



8136 .30 lbs./ft.  
8136DKB .30 lbs./ft.

#10 self-tapping machine screw provided

## Elevators

Elevators are used under thresholds to increase the rise of the threshold or accommodate offset floor conditions.

All elevators this section



57 .08 lbs./ft.

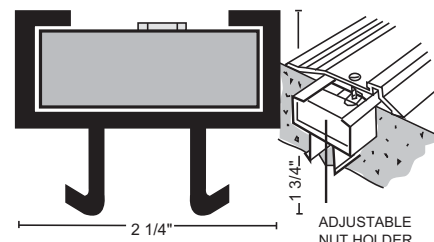


58 .16 lbs./ft.  
58DKB .16 lbs./ft.

## Threshold Anchor

Avoid drilling concrete by specifying a 720 or 721 threshold anchor. These anchors are set when the concrete is poured; allowing the most secure installation. When ordering your thresholds, note: drill for 720 or 721 anchor.

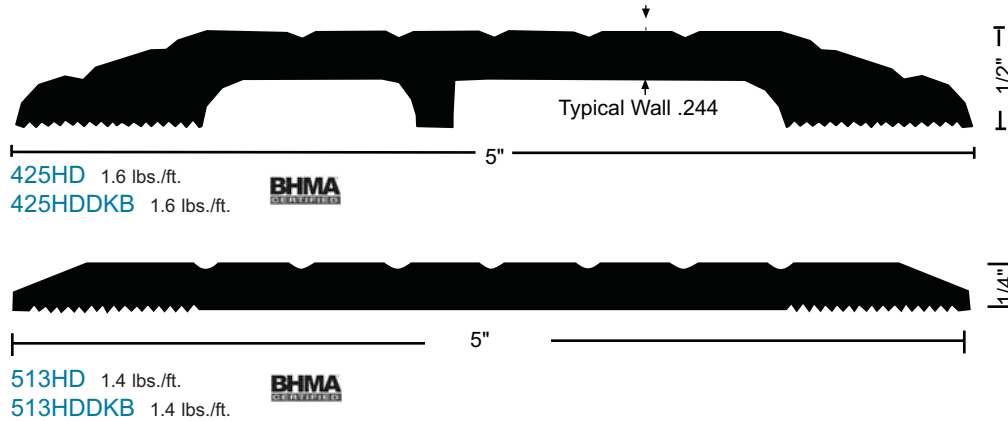
- 720 Aluminum-coated for corrosion resistance
- 721 Aluminum



## Heavy Duty Thresholds

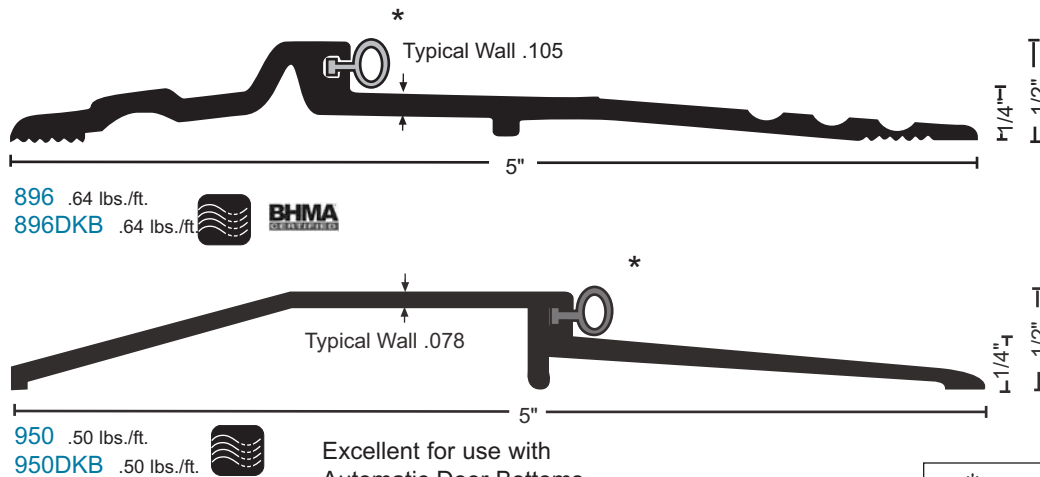
- For use where forklift or vehicular traffic occurs.
- Recommended for delivery/storage doorways where heavier loads travel.
- Greatly exceeds ANSI A156.21 load test requirements.
- Optional "SIA" (Slick It Ain't) fused slip-resistant finish recommended in moisture prone areas.

All thresholds this page   



## ADA Compliant Bumper Thresholds

- Hurricane/windstorm Florida Product Approval FL10144




Excellent for use with Automatic Door Bottoms

**\* HD Bumper Seal**

Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

Options:  
Neoprene ("N")  
Silicone ("S")



**FASTENERS**  
#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.

**MATERIALS & FINISHES**

- Aluminum mill finish
- DKB - Aluminum dark bronze finish

 Slip Resistant SIA Finish  
All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".

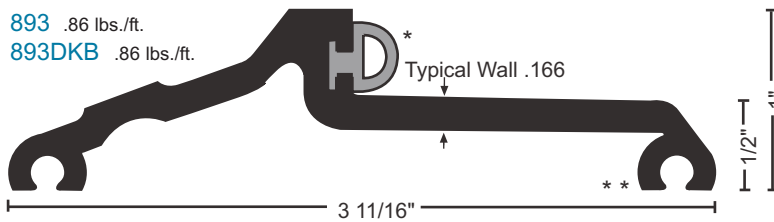
## Bumper Seal Thresholds

All products this page

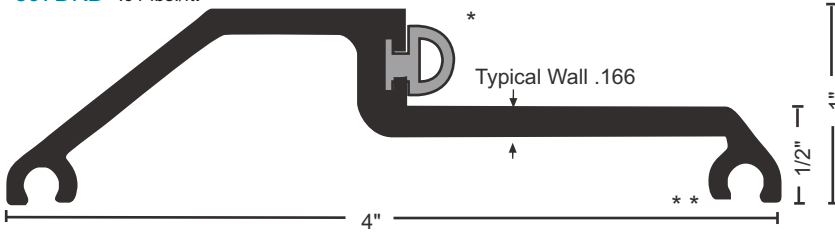
8135 .60 lbs./ft.  
8135DKB .60 lbs./ft.



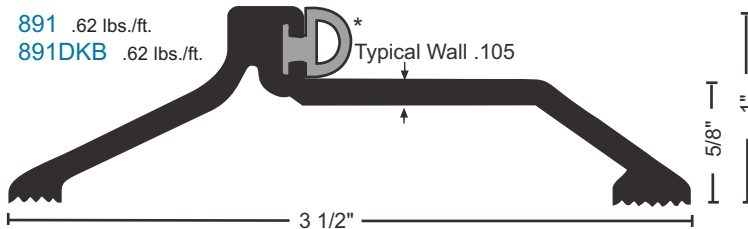
893 .86 lbs./ft.  
893DKB .86 lbs./ft.



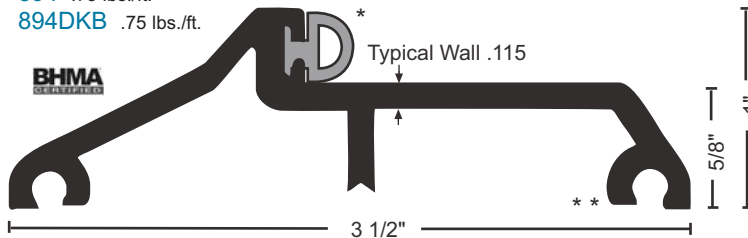
897 .91 lbs./ft.  
897DKB .91 lbs./ft.



891 .62 lbs./ft.  
891DKB .62 lbs./ft.



894 .75 lbs./ft.  
894DKB .75 lbs./ft.



**FASTENERS**  
#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds.  
Zinc plated antique bronze finish screws are provided to match DKB finish.

**\* Bumper Seal**

Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")

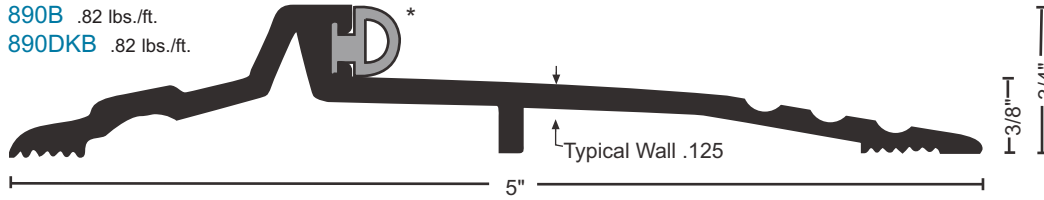
**\*\* VINYL FOOT SEAL**  
used instead of caulking to increase the weather resistance of the threshold. Specify on order

Bumper Seal Thresholds

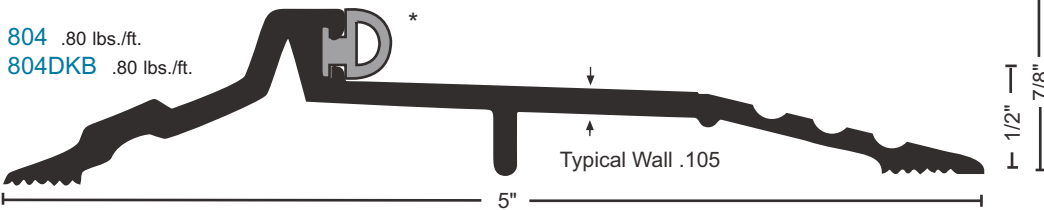
All thresholds this page



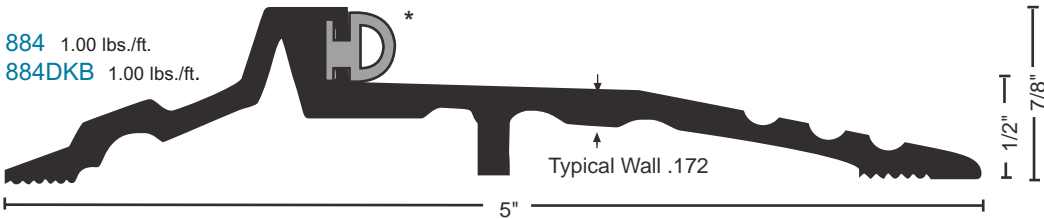
890 .82 lbs./ft.  
890B .82 lbs./ft.  
890DKB .82 lbs./ft.



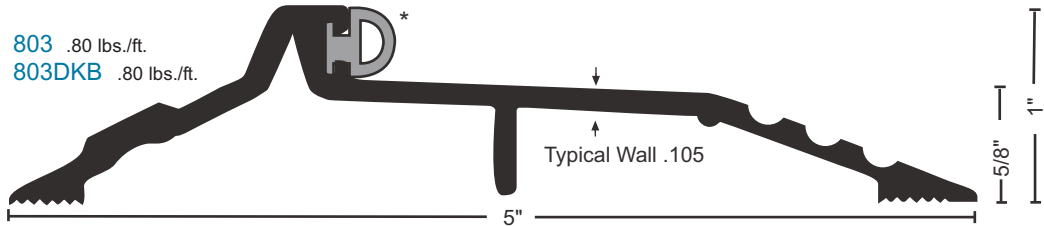
804 .80 lbs./ft.  
804DKB .80 lbs./ft.



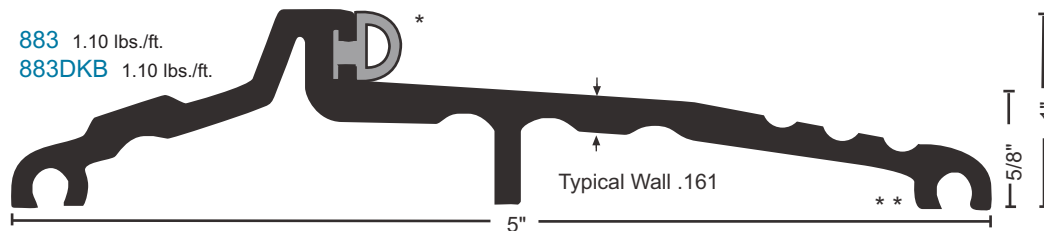
884 1.00 lbs./ft.  
884DKB 1.00 lbs./ft.




803 .80 lbs./ft.  
803DKB .80 lbs./ft.



883 1.10 lbs./ft.  
883DKB 1.10 lbs./ft.




**\* D Bumper Seal**



Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")



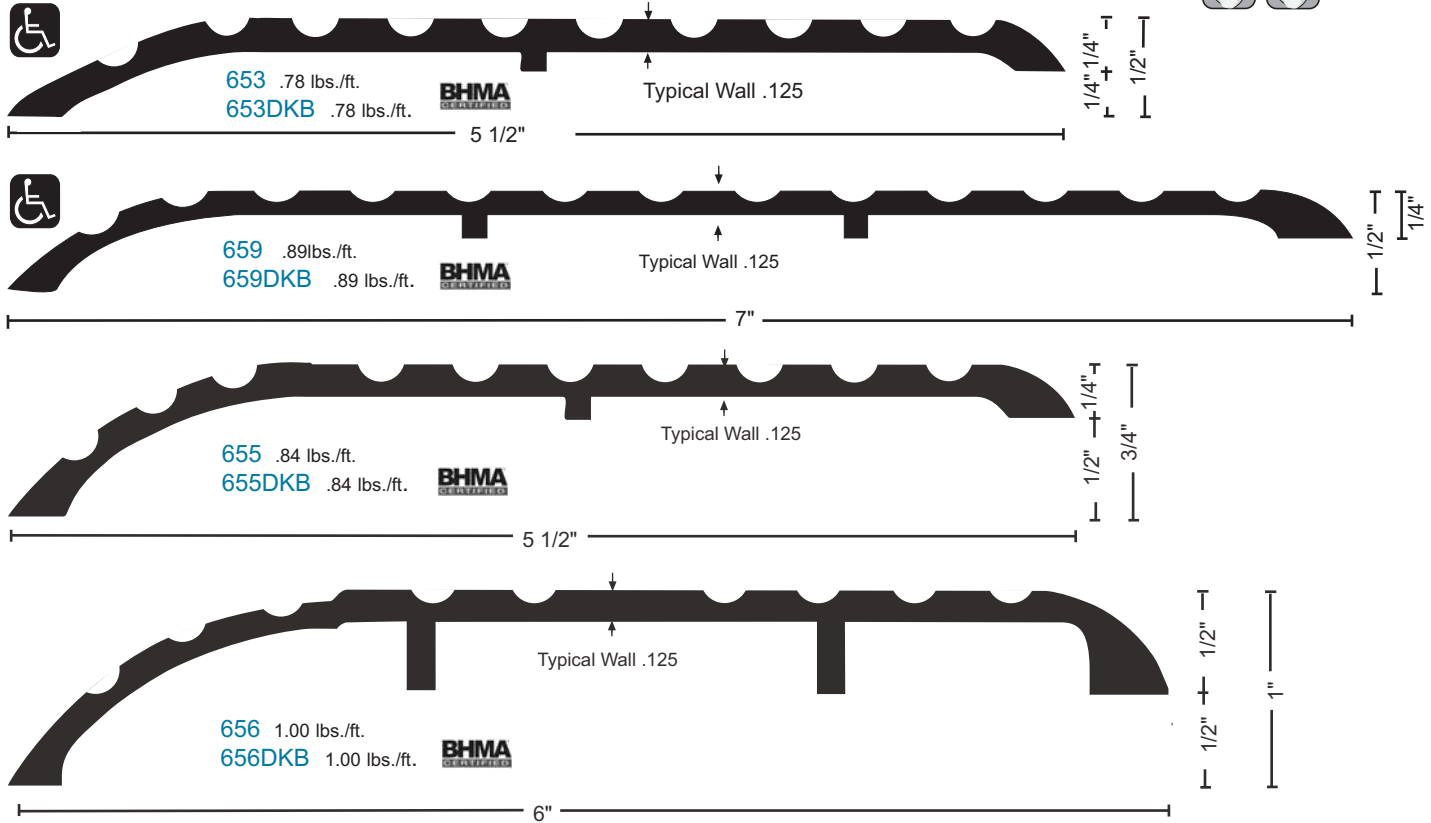
**FASTENERS**  
#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.

**\* VINYL FOOT SEAL**  
used instead of caulking to increase the weather resistance of the threshold. Specify on order

Bumper Seal Thresholds

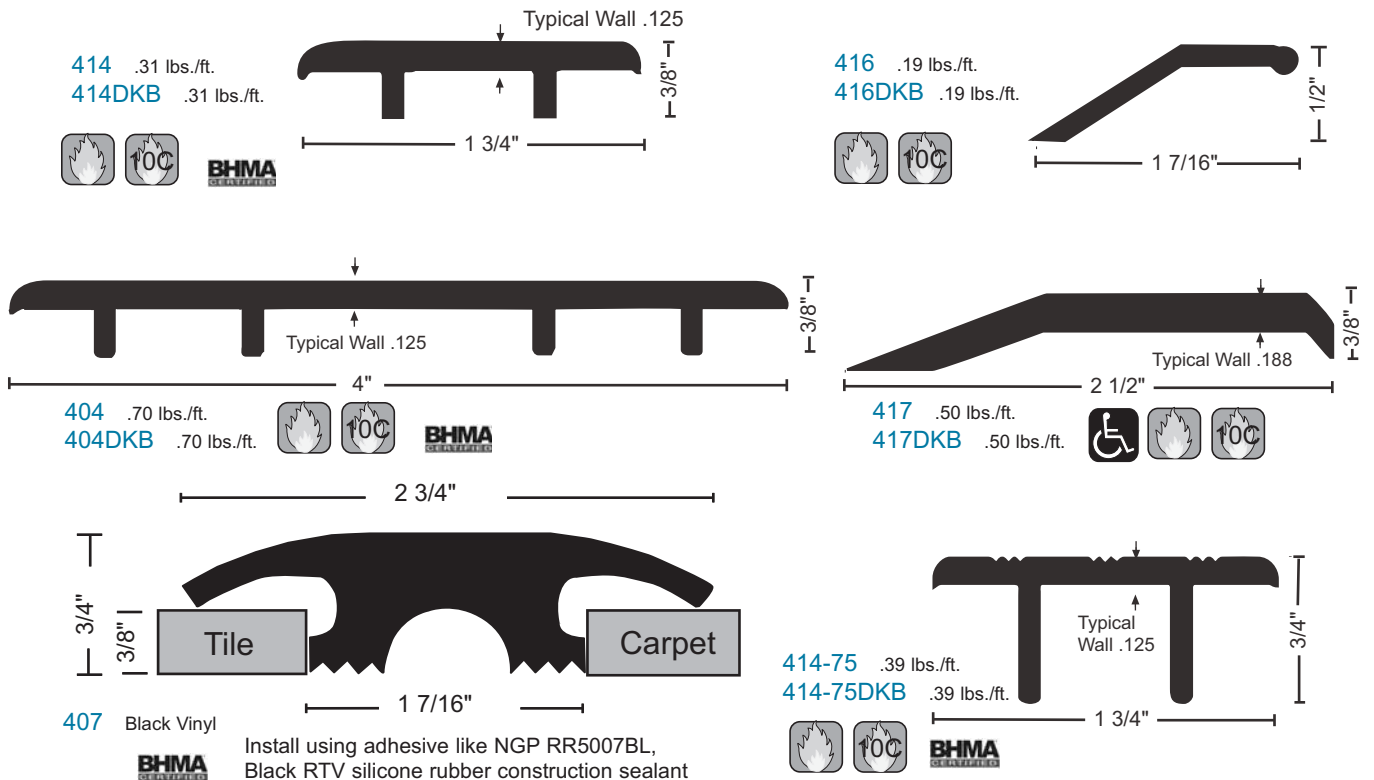
## Offset Thresholds

All offset thresholds this section






## Carpet and Tile Dividers

## Carpet Edges

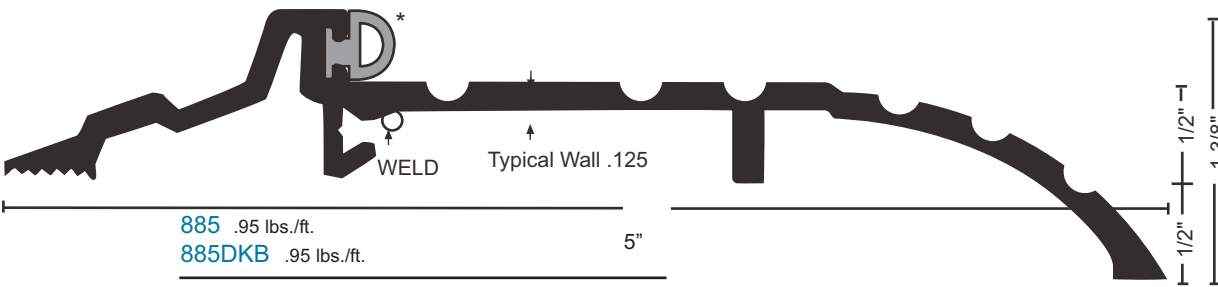


Special Bumper Seal Thresholds


All thresholds this page   



884-6	1.10 lbs./ft.	6"
884-6DKB	1.10 lbs./ft.	
884-7	1.31 lbs./ft.	7"
884-7DKB	1.31 lbs./ft.	
884-8	1.52 lbs./ft.	8"
884-8DKB	1.52 lbs./ft.	




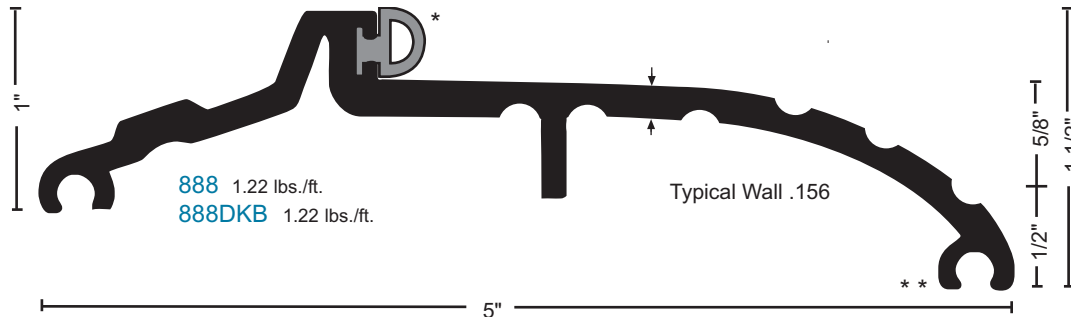
885	.95 lbs./ft.	5"
885DKB	.95 lbs./ft.	
885-6	1.16 lbs./ft.	6"
885-6DKB	1.16 lbs./ft.	
885-7	1.37 lbs./ft.	7"
885-7DKB	1.37 lbs./ft.	

**\* Bumper Seal** 

Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

Options:  
 Neoprene ("N")  
 Silicone ("S")  
 Pile ("P")





888	1.22 lbs./ft.	5"
888DKB	1.22 lbs./ft.	

**FASTENERS**  
 #10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.

**MATERIALS & FINISHES**

- Aluminum mill finish
- DKB - Aluminum dark bronze finish

 Slip Resistant SIA Finish  
 All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".

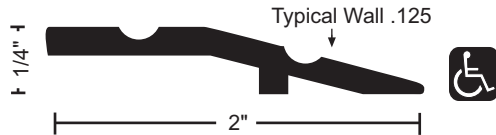
**\*\* VINYL FOOT SEAL**  
 used instead of caulking to increase the weather resistance of the threshold. Specify on order

Special Bumper Seal Thresholds

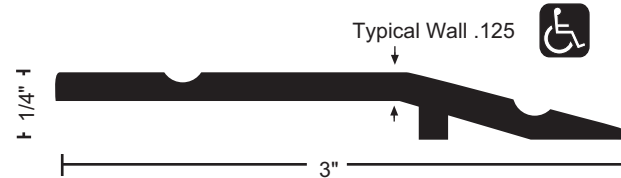


## Half Saddle Thresholds

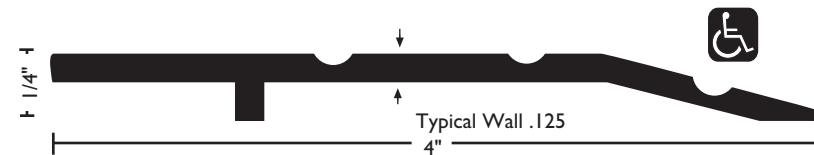
All Products this page



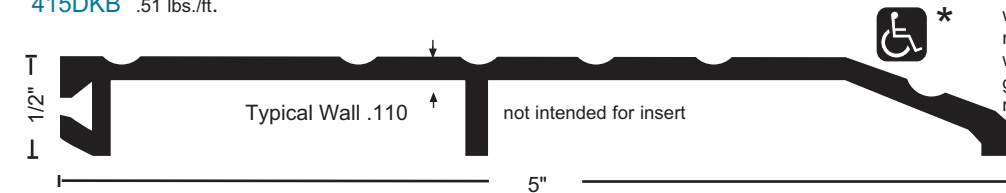
**215** .29 lbs./ft.  
**215DKB** .29 lbs./ft.



**315** .44 lbs./ft.  
**315DKB** .44 lbs./ft.

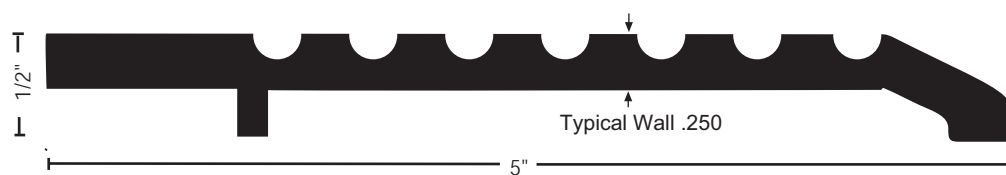


**415** .51 lbs./ft.  
**415DKB** .51 lbs./ft.



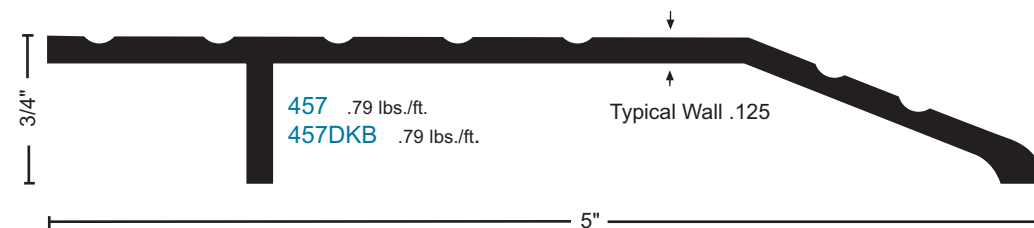
**350** .83 lbs./ft.  
**350DKB** .83 lbs./ft.

\* when installed with the non-beveled edge FLUSH with flooring, or where no greater than 1/4" vertical rise occurs.



**325** 1.32 lbs./ft.  
**325DKB** 1.32 lbs./ft.

\* when installed with the non-beveled edge FLUSH with flooring, or where no greater than 1/4" vertical rise occurs.



**457** .79 lbs./ft.  
**457DKB** .79 lbs./ft.



**458** 1.11 lbs./ft.  
**458DKB** 1.11 lbs./ft.

## Transition Strip



**8132** .28 lbs./ft.  
**8132DKB** .28 lbs./ft.



- Heavy Duty - for transition at edge of 1/8" vinyl tile
- Protects edge of tile
- Reduces tripping hazard
- Available in 96" length only
- Specify required fasteners

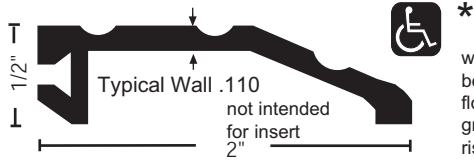


## Half Saddle Thresholds

All thresholds this page



Half Saddle Thresholds



\* when installed with the non-beveled edge FLUSH with flooring, or where no greater than 1/4" vertical rise occurs.

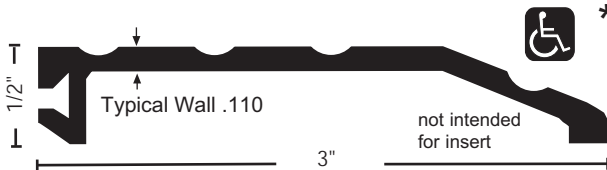
**321** .34 lbs./ft.  
**321DKB** .34 lbs./ft.

### MATERIALS & FINISHES

- Aluminum mill finish
- DKB - Aluminum dark bronze finish



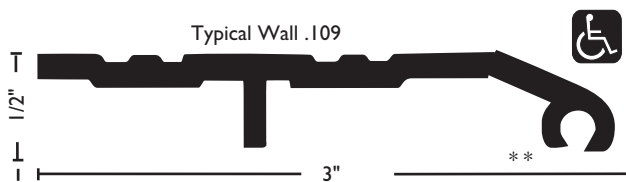
Slip Resistant SIA Finish  
All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".



\* when installed with the non-beveled edge FLUSH with flooring, or where no greater than 1/4" vertical rise occurs.

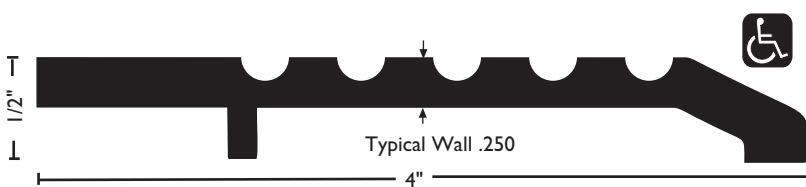
**322** .48 lbs./ft.  
**322DKB** .48 lbs./ft.

\*\* VINYL FOOT SEAL used instead of caulking to increase the weather resistance of the threshold. Specify on order



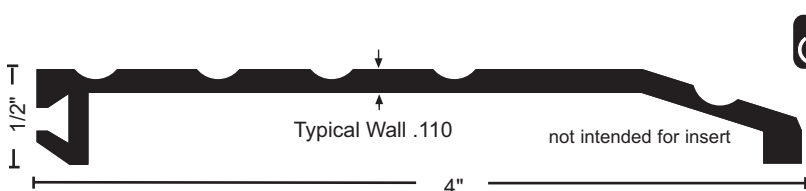
\* when installed with the non-beveled edge FLUSH with flooring, or where no greater than 1/4" vertical rise occurs.

**323** .56 lbs./ft.  
**323DKB** .56 lbs./ft.



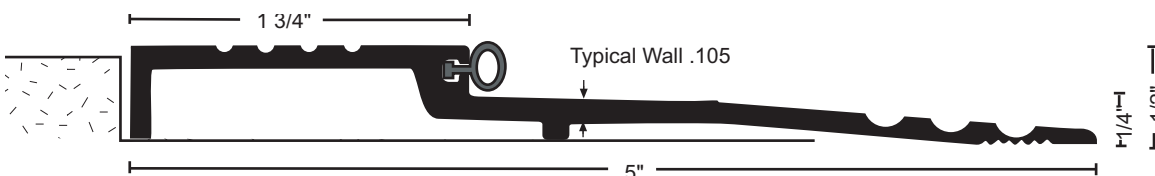
\* when installed with the non-beveled edge FLUSH with flooring, or where no greater than 1/4" vertical rise occurs.

**324** 1.20 lbs./ft.  
**324DKB** 1.20 lbs./ft.



\* when installed with the non-beveled edge FLUSH with flooring, or where no greater than 1/4" vertical rise occurs.

**327** .64 lbs./ft.  
**327DKB** .64 lbs./ft.



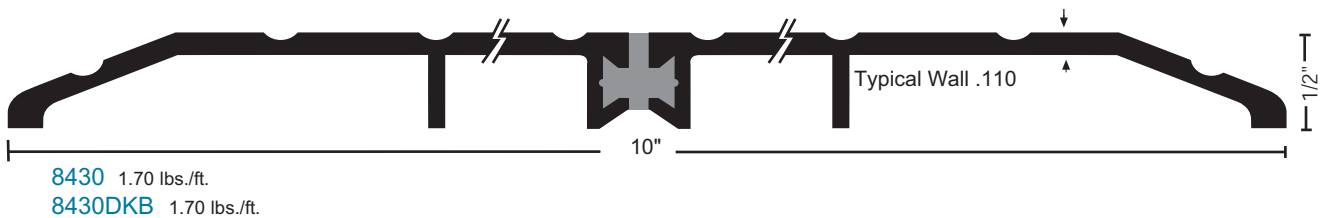
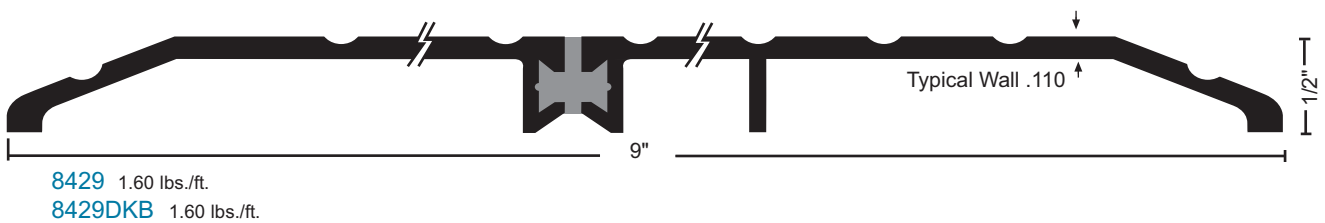
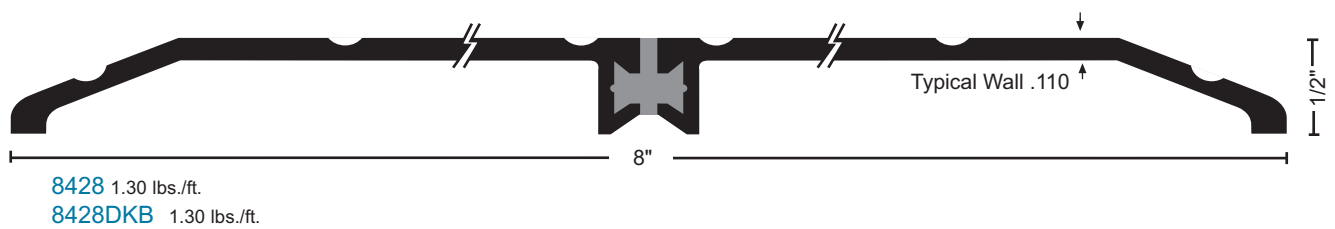
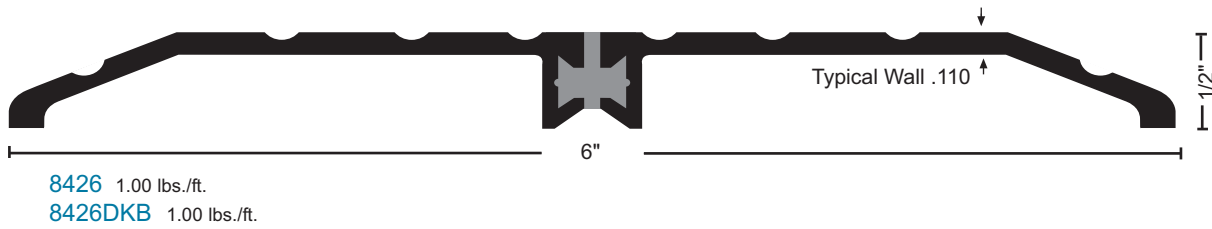
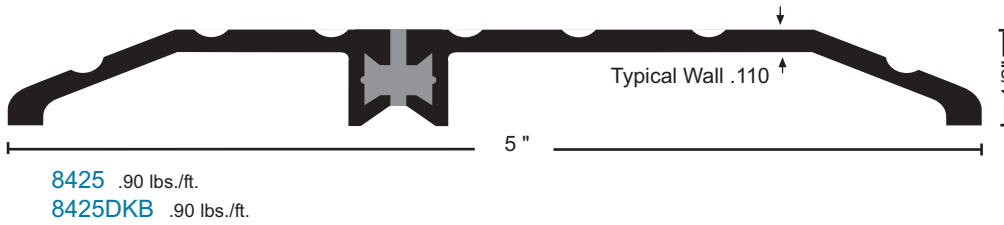
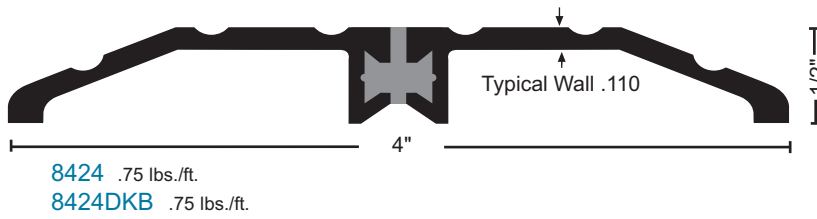
\* when installed with the non-beveled edge flush with flooring or where no greater than 1/4" vertical rise occurs

**898V** .72 lb/ft  
**898VDKB** .72 lb/ft



## Thermal Break Saddle Thresholds

All thresholds this page



## Thermal Break Bumper Seal Thresholds



Thermal Break thresholds feature a rigid PVC spline creating a separation to prevent the transfer of outside temperature and frost through the threshold.

All thresholds this page



Thermal Break Bumper Seal Thresholds


**\* Bumper Seal**

Seals against the door providing weather resistance

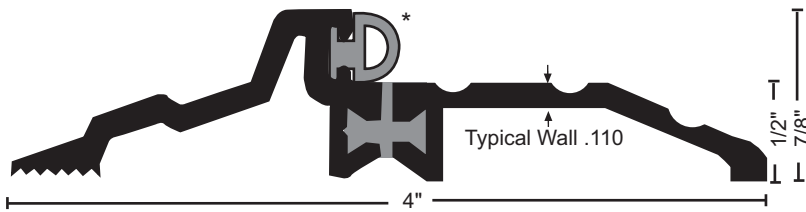
Vinyl ("V") supplied unless other material is specified

Options:  
 Neoprene ("N")  
 Silicone ("S")  
 Pile ("P")

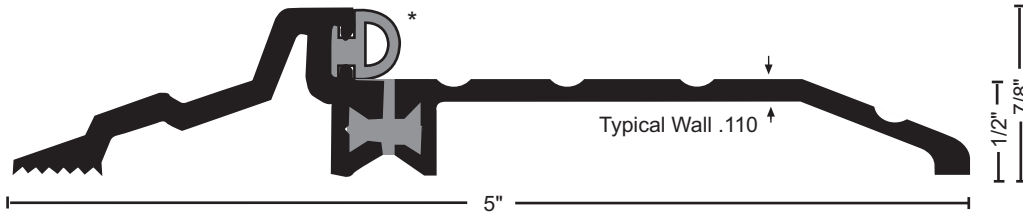


**FASTENERS**

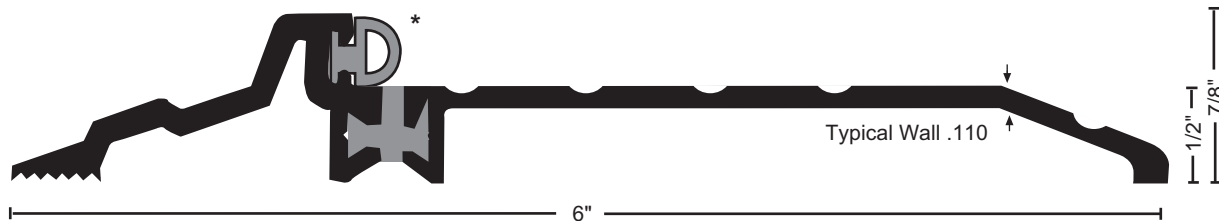
#10 x -1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.



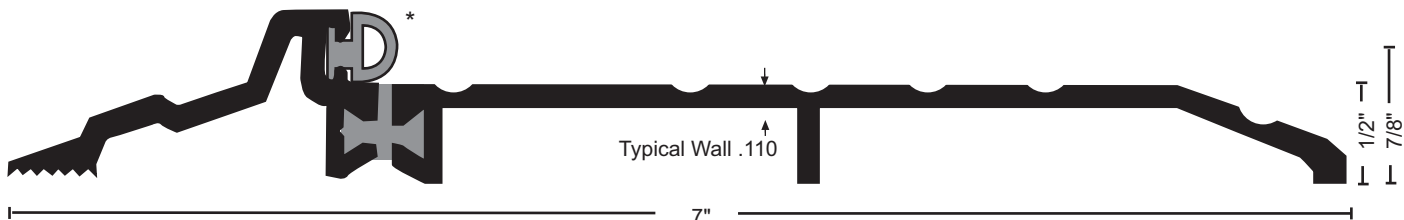
8434 .82 lbs./ft.  
 8434DKB .82 lbs./ft.



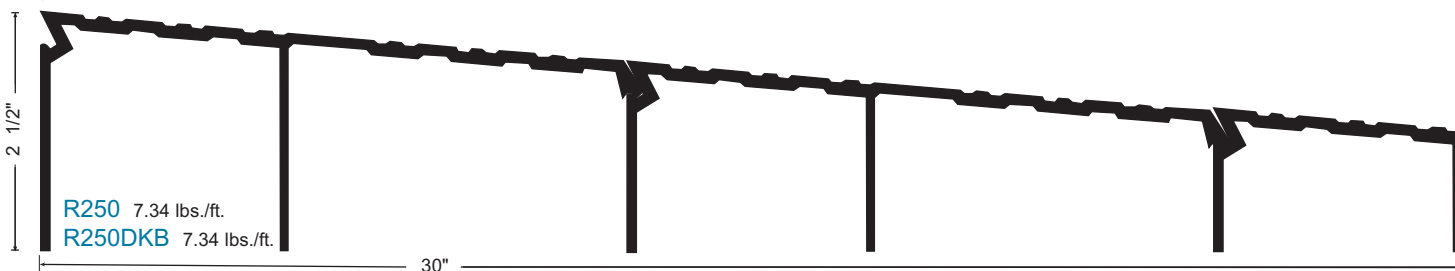
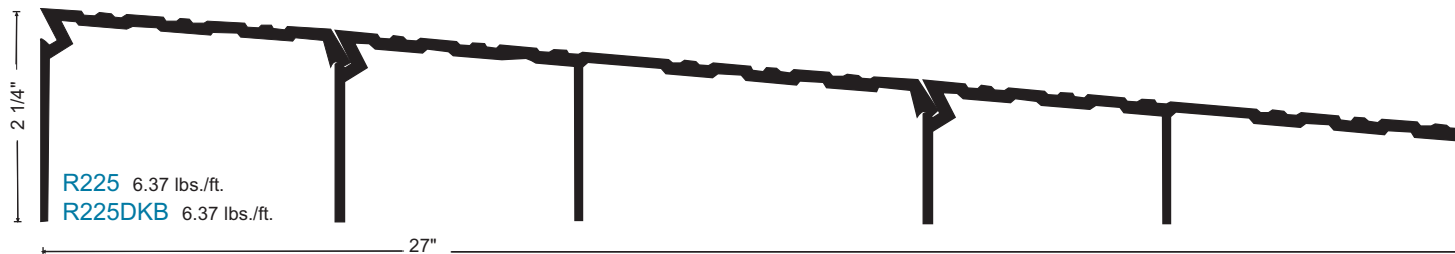
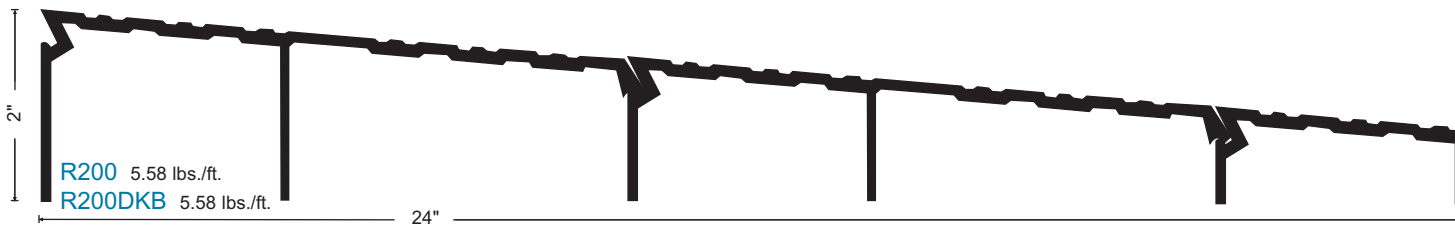
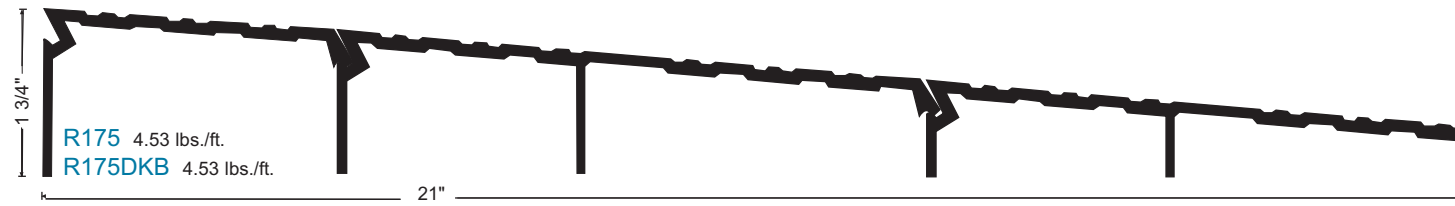
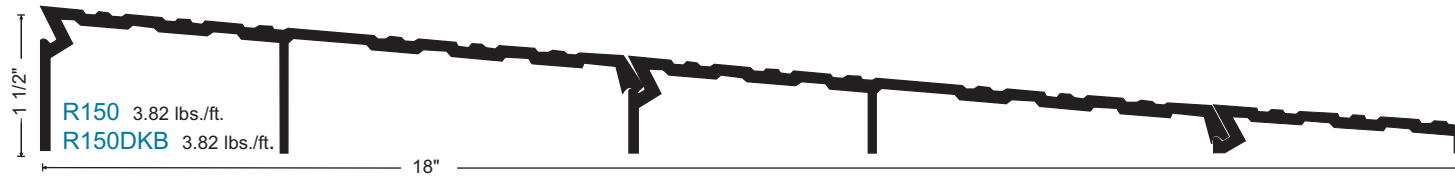
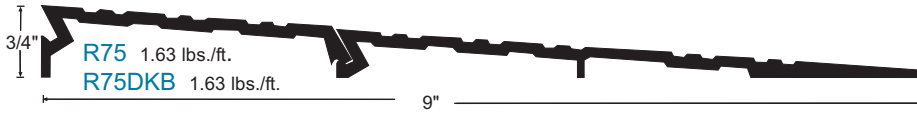
8435 .95 lbs./ft.  
 8435DKB .95 lbs./ft.



8436 1.11 lbs./ft.  
 8436DKB 1.11 lbs./ft.



8437 1.29 lbs./ft.  
 8437DKB 1.29 lbs./ft.



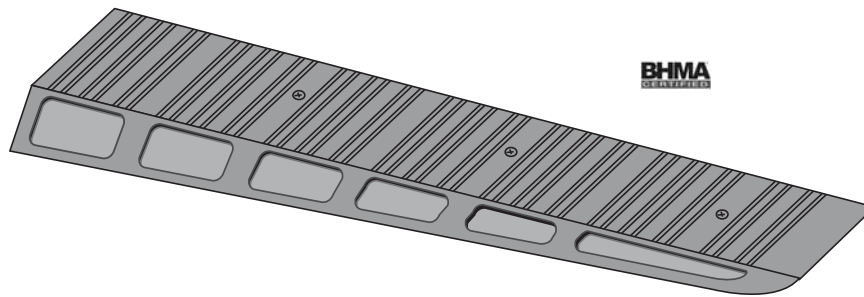
All products pages T20 and T21

Illustrations shown at 50%

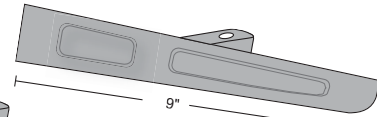
## Return Closed Ends for Ramps

Return closed ends provide an attractive finished appearance to ramps. They are available in several lengths and can be trimmed to accommodate any size ramp assembly.

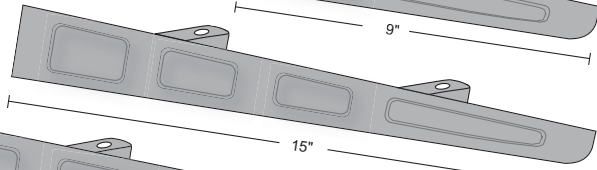
RCE's are also available with slip-resistant "SIA" finish.



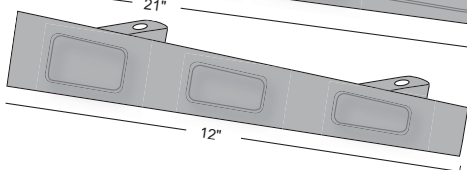
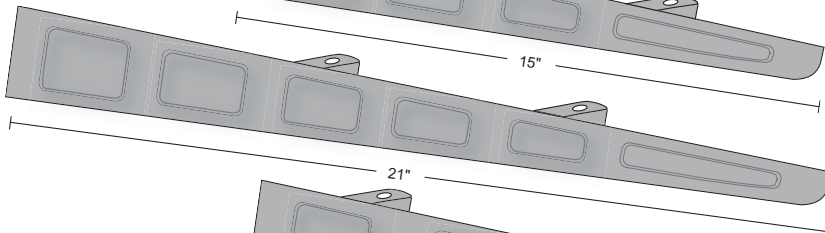
RCE-9  
RCE-9DKB



RCE-15  
RCE-15DKB




RCE-21  
RCE-21DKB



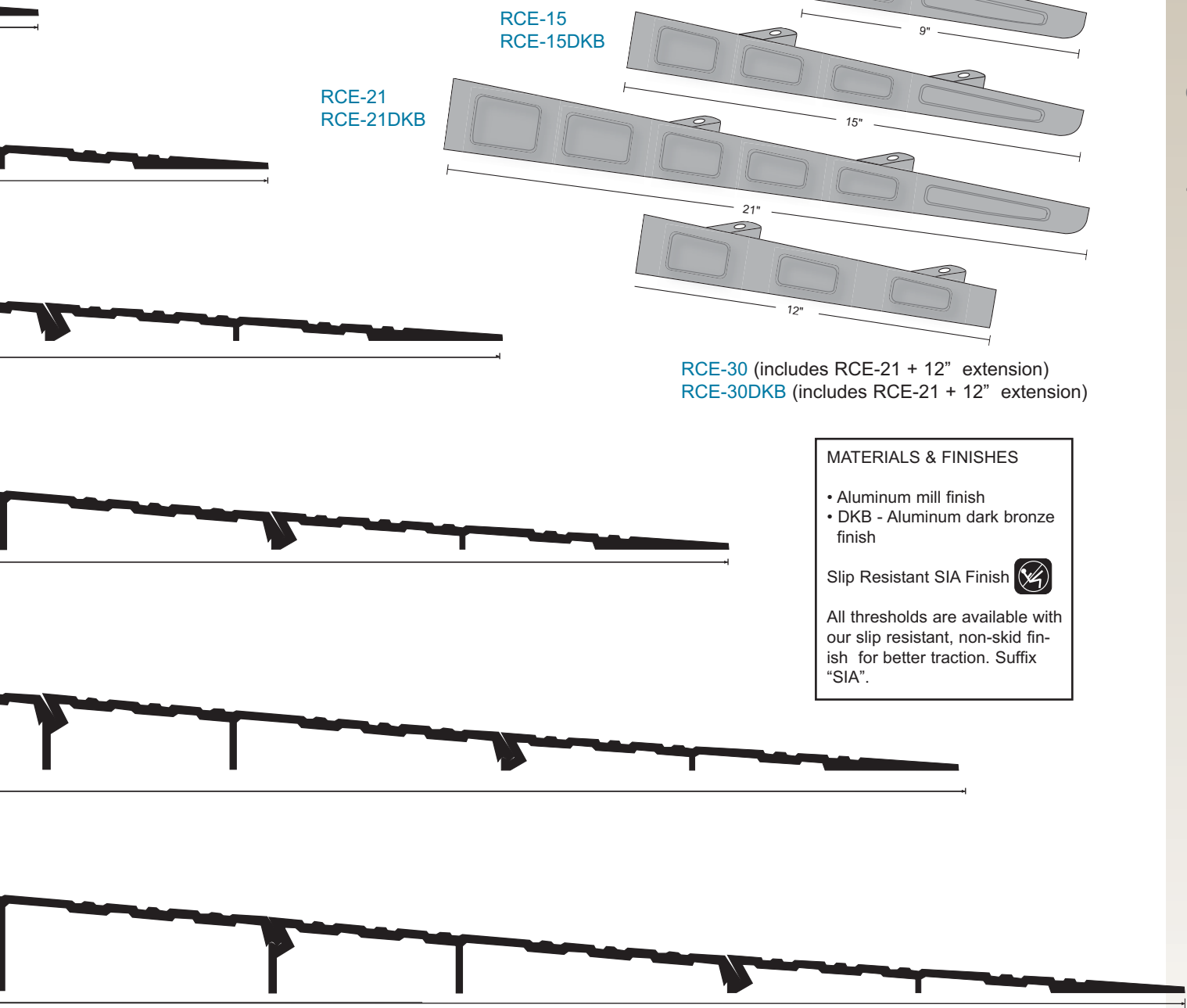
RCE-30 (includes RCE-21 + 12" extension)  
RCE-30DKB (includes RCE-21 + 12" extension)

**MATERIALS & FINISHES**

- Aluminum mill finish
- DKB - Aluminum dark bronze finish

Slip Resistant SIA Finish 

All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".





ADA Compliant Interlocking Ramps



All products pages T22 and T23



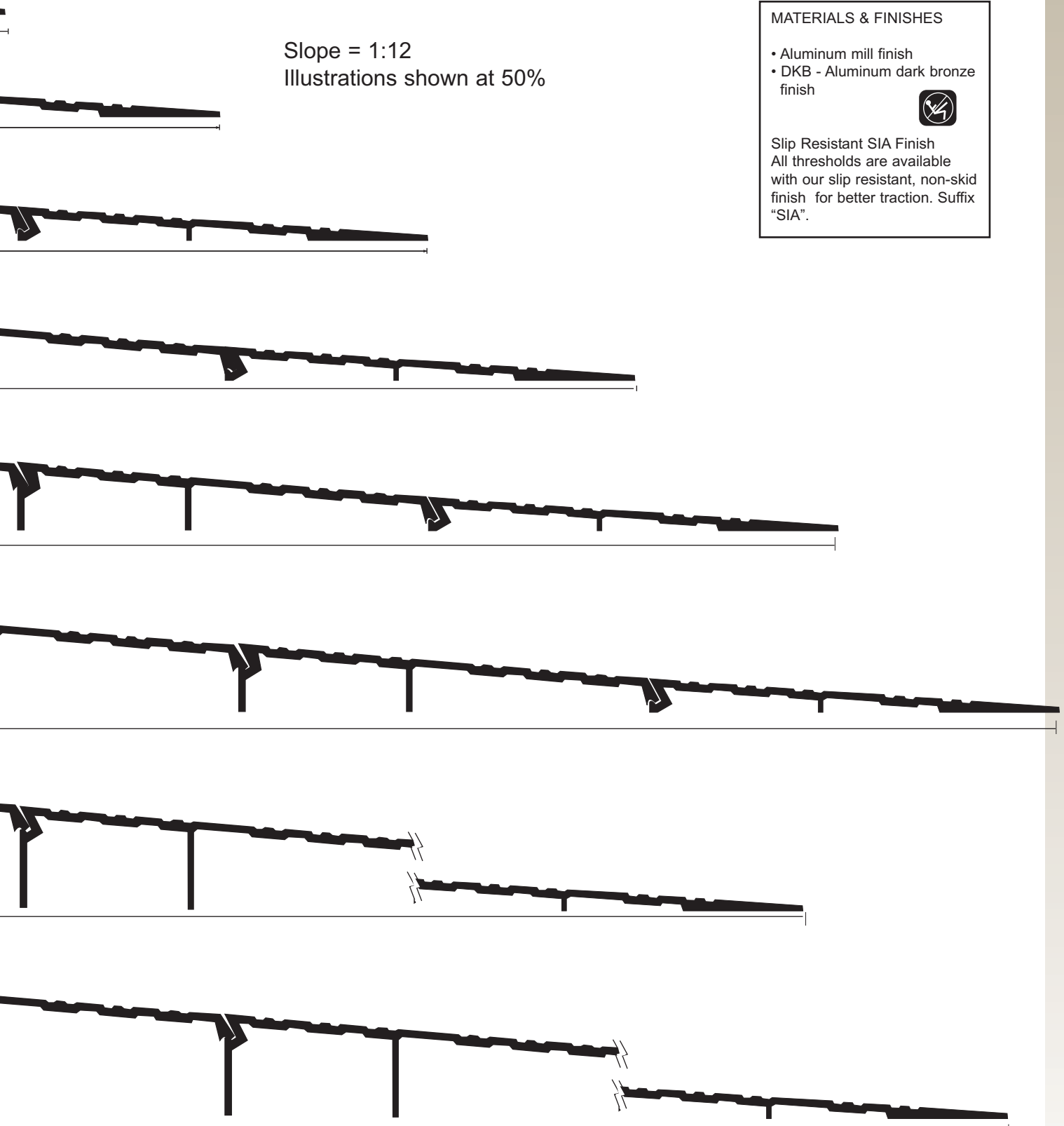
Slope = 1:12  
Illustrations shown at 50%

### MATERIALS & FINISHES

- Aluminum mill finish
- DKB - Aluminum dark bronze finish



Slip Resistant SIA Finish  
All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".



## Interlocking Ramp Components

### Ramps Comply with:

- Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines - July 23, 2004
- ICC/ANSI A117.1-2003 Accessible and Usable Buildings or Facilities

### Requirements:

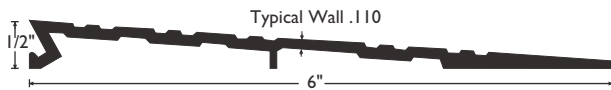
- Maximum Threshold Height = 1/2"
- Thresholds above 1/4" must be beveled with a slope no greater than 1:2
- Height changes over 1/2" requires use of a ramp with slope not steeper than 1:12

All products this page

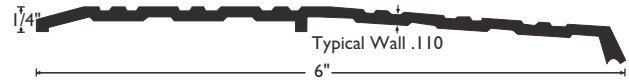


When installed as part of interlocking ramp assembly.

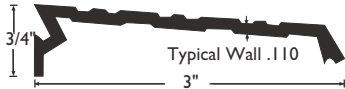
illustrations shown at 50%



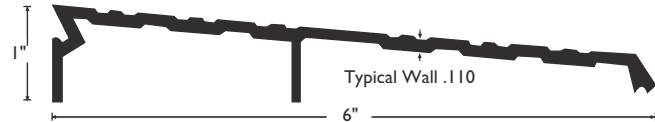
**R50** .94 lbs./ft.  
**R50DKB** .94 lbs./ft.



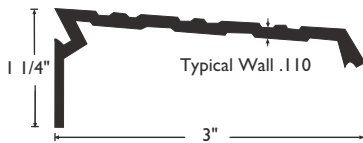
**957** .93 lbs./ft.  
**957DKB** .93 lbs./ft.



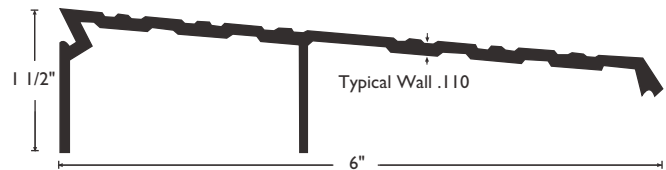
**953** .69 lbs./ft.  
**953DKB** .69 lbs./ft.



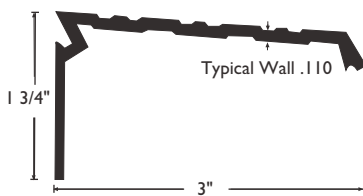
**954** 1.12 lbs./ft.  
**954DKB** 1.12 lbs./ft.



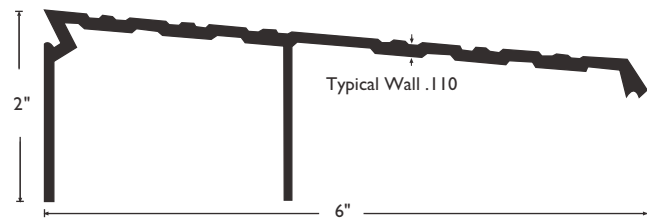
**955** .71 lbs./ft.  
**955DKB** .71 lbs./ft.



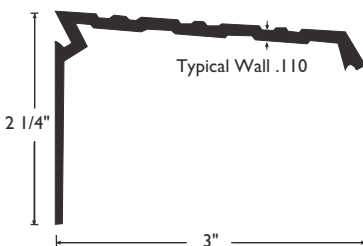
**962** lbs./ft.  
**962DKB** lbs./ft.



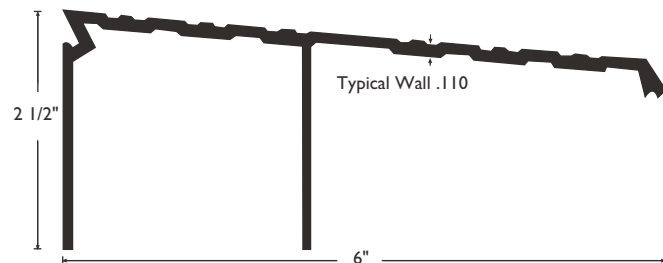
**951** .71 lbs./ft.  
**951DKB** .71 lbs./ft.



**961** lbs./ft.  
**961DKB** lbs./ft.



**959** .79 lbs./ft.  
**959DKB** .79 lbs./ft.

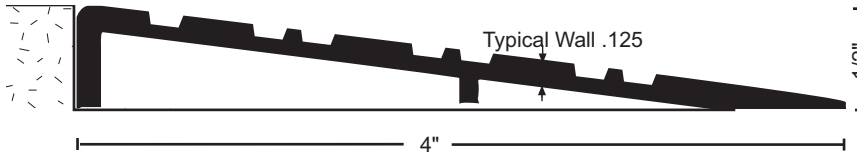



**960** 1.76 lbs./ft.  
**960DKB** 1.76 lbs./ft.



## Aluminum Ramps

All aluminum ramps this section



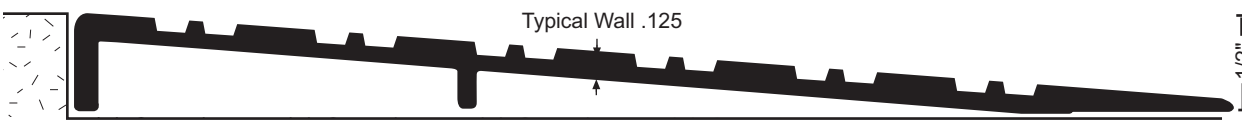
654 .53 lbs./ft.   
 654DKB .53 lbs./ft.


### MATERIALS & FINISHES

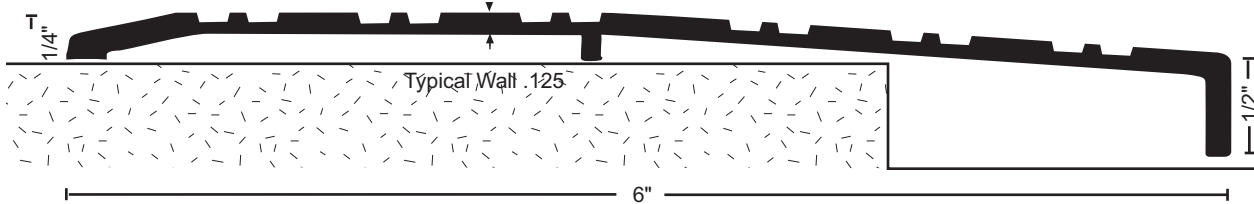
- Aluminum mill finish
- DKB - Aluminum dark bronze finish

Slip Resistant SIA Finish 

All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".



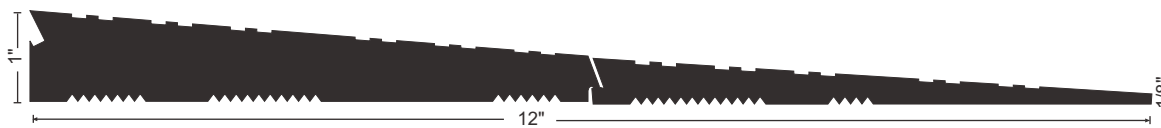
657 .86 lbs./ft.   
 657DKB .86 lbs./ft.




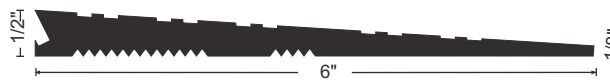
658 .80 lbs./ft.  \* when used with 657  
 658DKB .80 lbs./ft.


## Interlocking Rubber Ramps

- Supplied with beveled ends - (end slope = 1:2). Specify if straight cut is required.
- Rubber ramp sections may be combined with aluminum ramp components for higher rises, or with 6" flat aluminum interlocking threshold #957 for various offset conditions.
- Black silicone adhesive available to secure ramps without fasteners. Specify RR5007BL, each tube will secure 2 ramps 12" wide x 36" long (6 square feet.)



RR42 3.4 lbs./ft.   
 maximum length = 118"



RR952 1.0 lbs./ft.   
 maximum length = 120"



Slope = 1:12  
 Illustrations shown at 50%

## Custom Fabricated Thresholds

Choose from various height and width components to build custom thresholds to meet special job requirements. See the custom fabricated threshold example illustrated on page T5.

Select the proper height edge components. Select the appropriate center plates to construct the width needed. Plates may be butted together or ripped to make specific widths. Support joints and wider spans with bar supports.

Threshold assembly plates may be used fluted or smooth side up. Slip-resistant SIA finish can be applied to all parts.

Threshold assembly components may be ordered separately for field assembly or welded into one piece units in our custom fabrication shop. They are supplied undrilled unless a template is provided. Ripping and beveling options are available. All custom fabricated assemblies have a tolerance of +/- 1/16".

If a welded assembly is desired, specify "welded".

8142 .50 lbs./ft	8143 .75 lbs./ft	8144 1.00 lbs./ft
8145 1.20 lbs./ft	8146 1.50 lbs./ft	8147 1.70 lbs./ft
8148 2.00 lbs./ft	8149 2.20 lbs./ft	8150 2.40 lbs./ft
8163 .75 lbs./ft	8164 1.00 lbs./ft	8167 1.76 lbs./ft
8170 2.33 lbs./ft		

**8168N** neoprene .11 lbs./ft self adhesive, used as an expansion joint or thermal break between floor plates.

**All products this page**

**MATERIALS & FINISHES**

- Aluminum mill finish
- DKB - Aluminum dark bronze finish

Slip Resistant SIA Finish

All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".

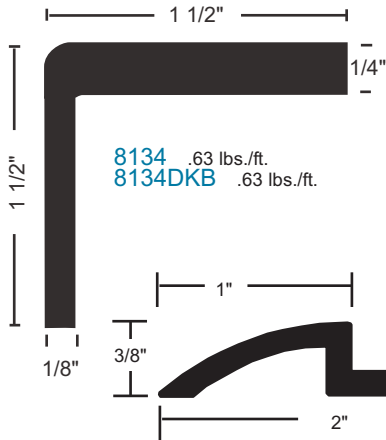
illustrations shown at 50%

**FASTENERS**

#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.

Edge Components

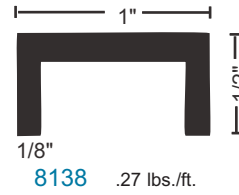
All products this page   



8134 .63 lbs./ft.  
8134DKB .63 lbs./ft.



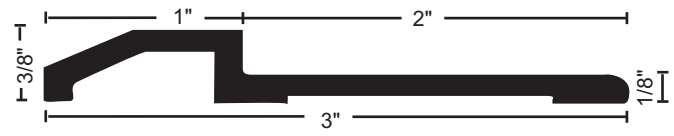
8136 .30 lbs./ft.  
8136DKB .30 lbs./ft.



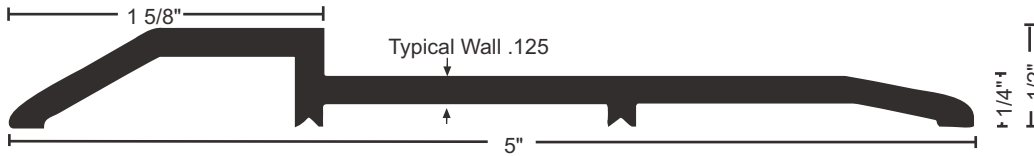
8138 .27 lbs./ft.



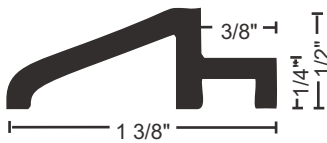
8133 .31 lbs./ft.  
8133DKB .31 lbs./ft.



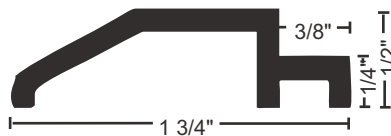
8139 .44 lbs./ft.  
8139DKB .44 lbs./ft.



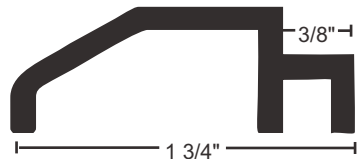
882 .83 lbs./ft.  
882DKB .83 lbs./ft.



8137 .26 lbs./ft.  
8137DKB .26 lbs./ft.



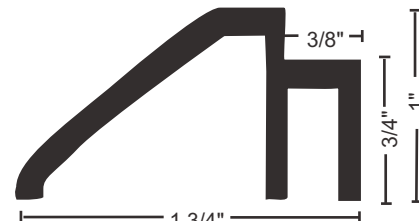
8140 .28 lbs./ft.  
8140DKB .28 lbs./ft.



8151 .32 lbs./ft.  
8151DKB .32 lbs./ft.



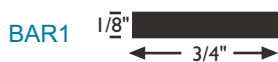
8141 .34 lbs./ft.  
8141DKB .34 lbs./ft.



8152 .44 lbs./ft.  
8152DKB .44 lbs./ft.

Bar Supports

used as support under threshold assemblies



BAR1



BAR4



BAR2



BAR3



BAR5



Aluminum Cover Plates

## Aluminum Cover Plates

All products this page



- Cover plates are made to order; non-returnable and non-cancelable once fabricated.
- Great for expansion joint covers or anywhere extra width and strength are required.
- Manufactured through a rolled process providing extra durability.
- PVC coating applied to protect the finish during shipping and installation.
- Minimum width 2" on 818, 3" on 814 and 4" on 838.
- Edges are beveled unless otherwise specified.
- Furnished undrilled although custom drilling is available to your detail.
- #10 x 1 1/2" zinc plated wood screws furnished.
- If welding is required, use either 814 or 838.

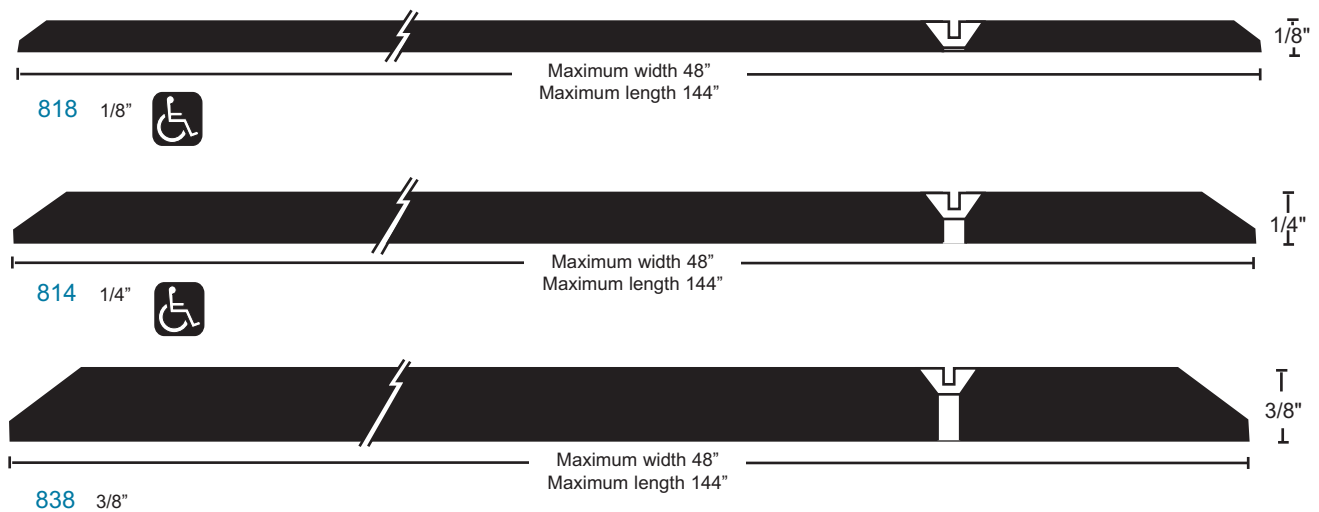
### MATERIALS & FINISHES

- Aluminum mill finish
- DKB - Aluminum dark bronze finish

Slip Resistant SIA Finish



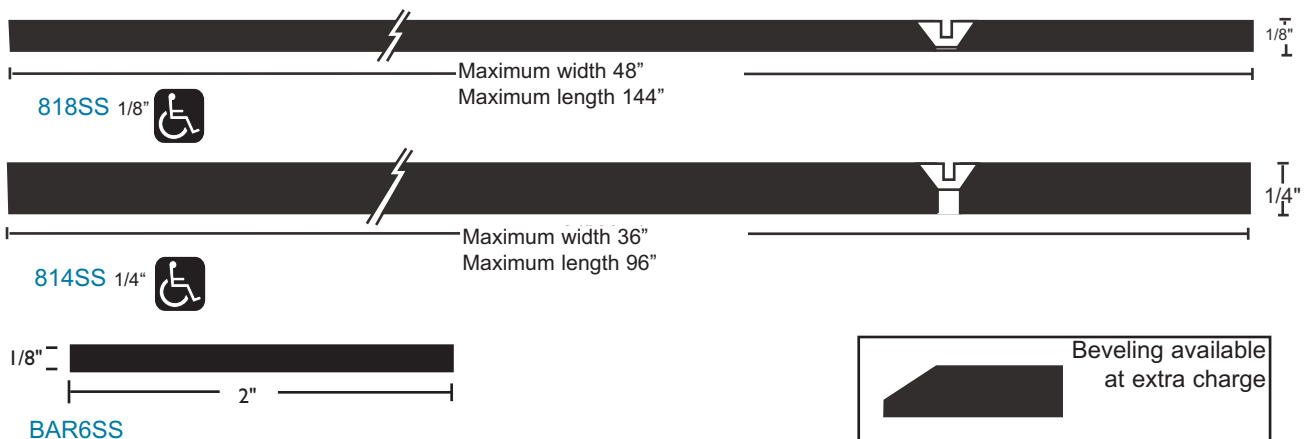
All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".



## Stainless Steel Cover Plates

- #304 stainless steel material, mill finish #2B
- Optional finishes: Polished (US32, 629), suffix "POL",  
Brushed (US32D, 630), suffix "Brushed"
- PVC coating applied to protect the finish during shipping and installation.
- Square cut edges standard. Specify if beveled edge is required.
- Furnished undrilled although custom drilling is available to your detail.
- Minimum width 3" on 818SS and 4" on 814SS.
- #10 x 1 1/2" stainless steel wood screws furnished.

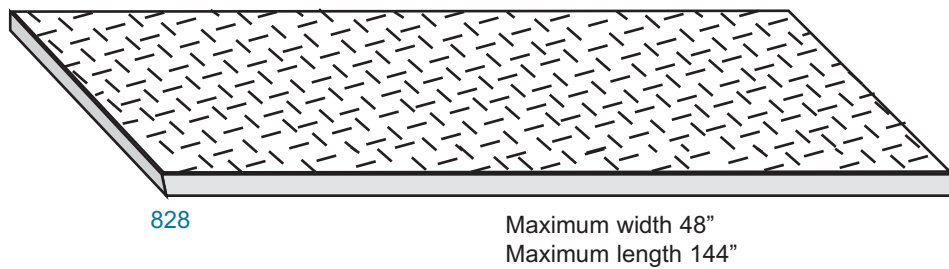
Slip Resistant SIA Finish  
Available for better traction  
and slip resistance.  
Specify "SIA" finish.



stainless steel Cover Plates

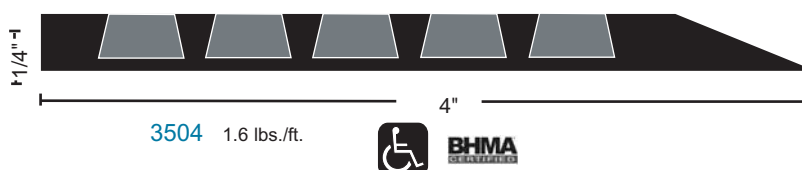
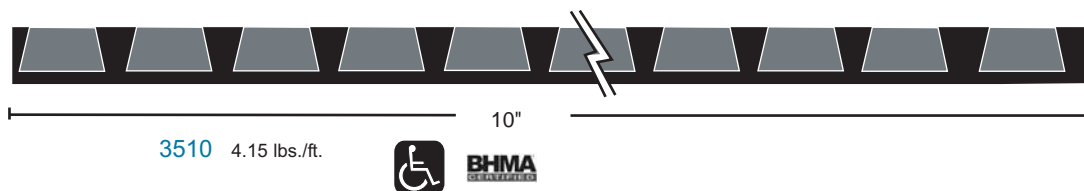
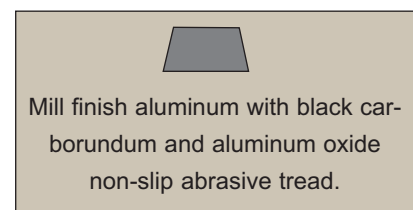
## Diamond Tread Plate

- 1/8" thick bright-finish aluminum
- Edges beveled unless otherwise specified
- Furnished undrilled, although custom drilling is available to your detail.
- #10 x 1 1/2" zinc plated wood screws furnished.
- Minimum width 2"
- Great for use as cover plate for expansion joint, custom ramps, bulkhead saddle, or custom threshold.
- Welding not recommended. Bar or custom supports may be shipped loose.
- This item is made to order and is non-returnable and non-cancelable once fabricated.



## Safety Tread Plates

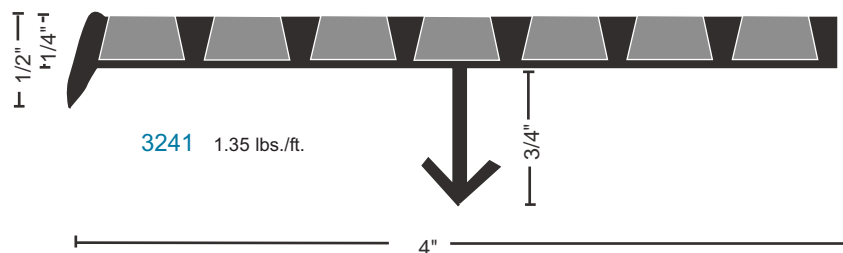
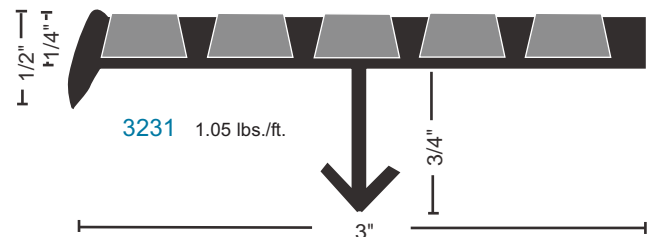
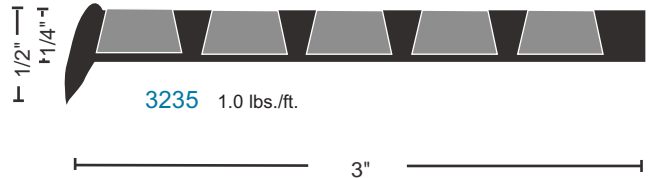
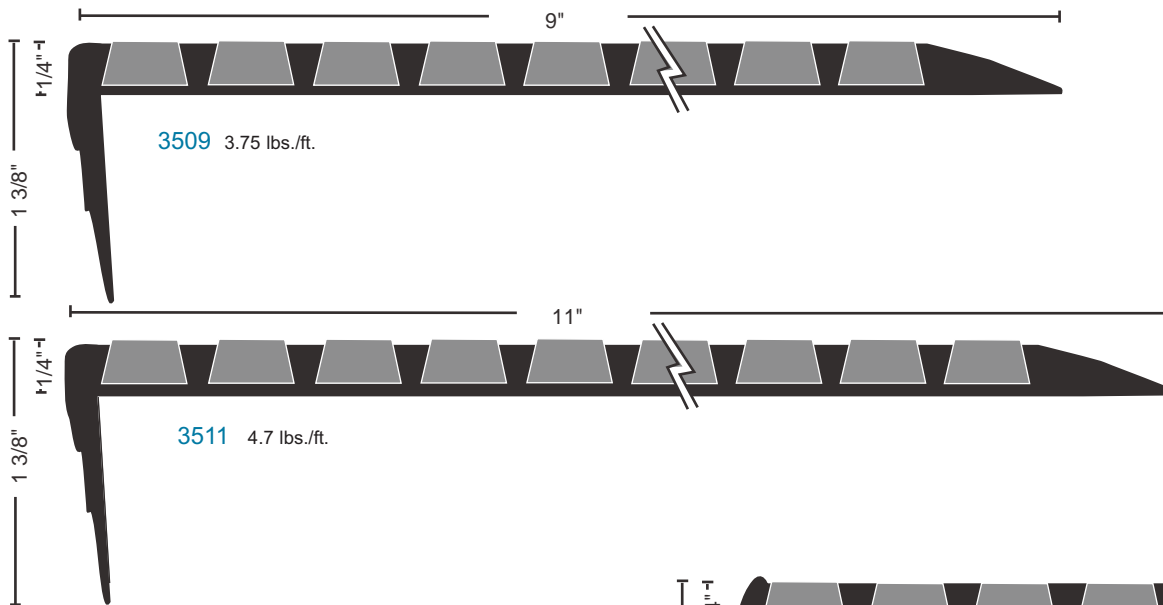
- Non-slip abrasive tread material is a blend of carborundum and aluminum oxide, bonded and locked into the aluminum tread base.
- Treads exceed ADA requirements for coefficient of friction tested to ASTM F609-05 and MIL-D-23003A. The coefficient of friction for NGP safety tread plates is .94 dry and .86 wet.
- Furnished undrilled, unless a template is provided.
- May be used with edge parts (page T27)
- Can be furnished separate for field assembly, or welded into one piece unit.
- Treads can NOT be ripped to narrower width.
- Safety treads are manufactured to order and are non-cancelable and non-returnable.



## Safety Tread Stair Nosings


- Non-slip abrasive tread material is a blend of carborundum and aluminum oxide, bonded and locked into the aluminum tread base.
- Treads exceed ADA requirements for coefficient of friction tested to ASTM F609-05 and MIL-D-23003A. The coefficient of friction for NGP stair nosings is .94 dry and .86 wet.
- Furnished drilled and countersunk for screws, except 3231 and 3241 which have hook anchor designed for installation into wet concrete.
- Furnished standard with #14 x 1 1/2" stainless steel wood screws. Specify if other screws and anchors required.
- Stair nosings are manufactured to order and are non-cancelable and non-returnable.

## Renovation Nosings



## Safety Nosings

- Designed for new construction: poured concrete, Terrazzo or Steel Pan cement filled stairs.
- Continuous hook anchor. Not drilled, no screws provided

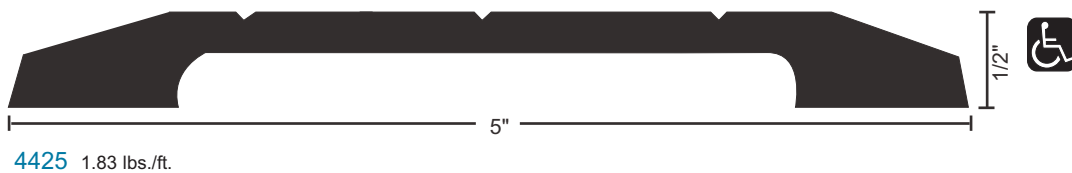
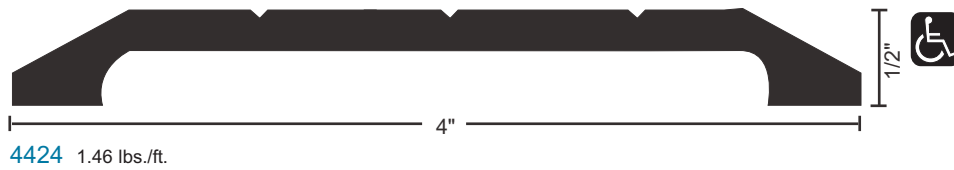
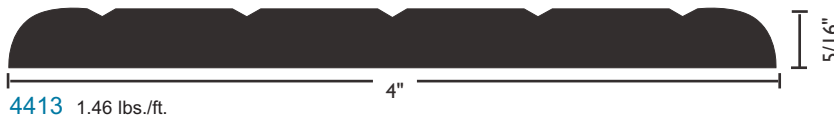
  
Mill finish aluminum with black carborundum and aluminum oxide non-slip abrasive tread.

## Cast Aluminum Thresholds With Abrasive Surface



All products this page

- STANDARD FASTENERS - #14 stainless steel wood screws x expansion shields
- STOCK LENGTHS - 36", 48", 72" (recommend combining for longer lengths)
- Saddle type with fluted abrasive surface (flute details may vary slightly)
- Stop type with solid abrasive surface
- Drilled 6" from each end to allow field cutting or notching
- Other profiles and sizes available on special order - Consult Factory
- Cast Threshold dimensions shown below are nominal.  
Tolerance +/- 1/16".



## Floor Closer Covers

Thresholds can be fabricated for use with any floor closer. They are available in aluminum, bronze, or stainless steel in several finishes including slip resistant (SIA) finish. When ordering specify the following:

- Type x number (i.e. Type 3 x 427FC)
- Material and finish
- Door opening width
- Door thickness if other than 1 3/4"
- Handing (Door Handing)
- Closer manufacturer
- Closer model number

### TYPES 1, 3, & 4

#### ALUMINUM

1/2" x 6 3/4"	427FC
1/2" x 7 3/4"	428FC
1/4" x 6 3/4"	713FC
1/4" x 7 3/4"	813FC
1/2" x 9"	429E
1/2" x 10"	430E
1/4" x 9"	913
1/4" x 10"	1013

#### ARCHITECTURAL BRONZE

1/2" x 7"	427BR
1/2" x 8"	428BR
1/4" x 7"	713BR
1/4" x 8"	813BR

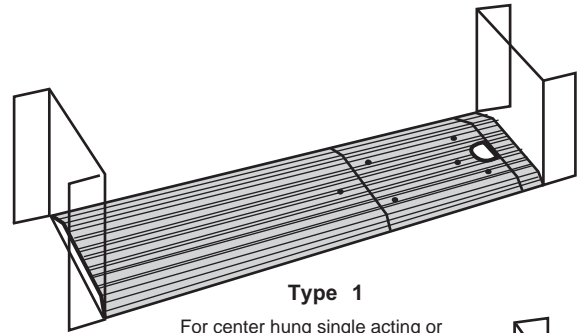
### TYPE 5

#### ALUMINUM

1/2" x 6 3/4" x 3 3/4"	427FC x 424FC	1/2" x 7" x 4"	427BR x 424BR
1/4" x 6 3/4" x 3 3/4"	713FC x 413FC	1/4" x 7" x 4"	713BR x 413BR
1/2" x 7 3/4" x 4 3/4"	428FC x 425FC	1/2" x 8" x 5"	428BR x 425BR
1/4" x 7 3/4" x 4 3/4"	813FC x 513FC	1/4" x 8" x 5"	813BR x 513BR

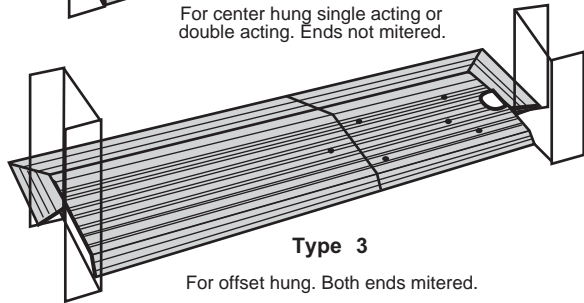
#### ARCHITECTURAL BRONZE

1/2" x 7" x 4"	427BR x 424BR
1/4" x 7" x 4"	713BR x 413BR
1/2" x 8" x 5"	428BR x 425BR
1/4" x 8" x 5"	813BR x 513BR



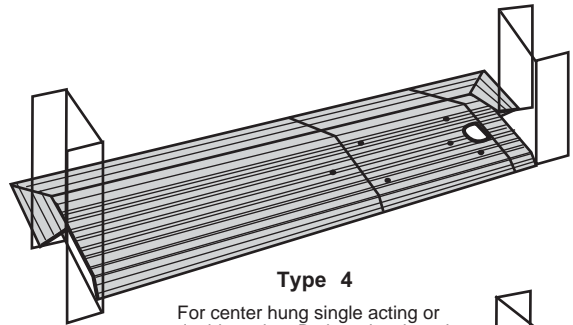
**Type 1**

For center hung single acting or double acting. Ends not mitered.



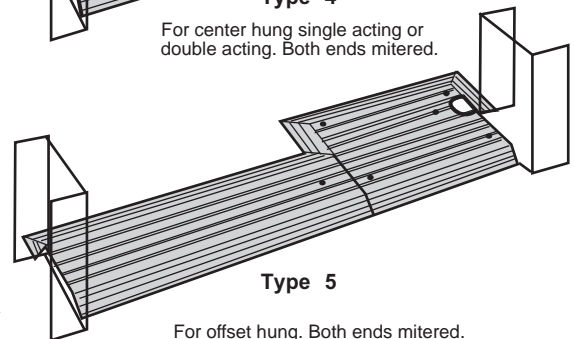
**Type 3**

For offset hung. Both ends mitered.



**Type 4**

For center hung single acting or double acting. Both ends mitered.



**Type 5**

For offset hung. Both ends mitered.

Other thresholds and custom assemblies may be prepped for floor closers. Consult factory for custom applications.

#### Special Finishes available

- Polished, suffix "POL"
- Dark oxidized bronze (US10B), suffix "DKB"
- Slip-resistant SIA (Slick It Ain't), suffix "SIA"



#### Stainless steel available

- Specify type x stainless steel threshold model number
- #304, Mill finish #2B

#### Optional Finishes:

- Polished (US32, 629), suffix "POL"
- Brushed (US32D, 630), suffix "Brushed"

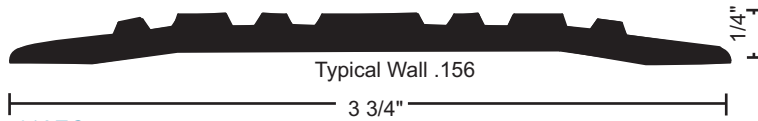


Floor Closer Covers

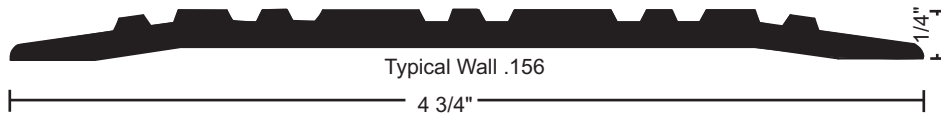
All thresholds this page



Floor Closer Covers



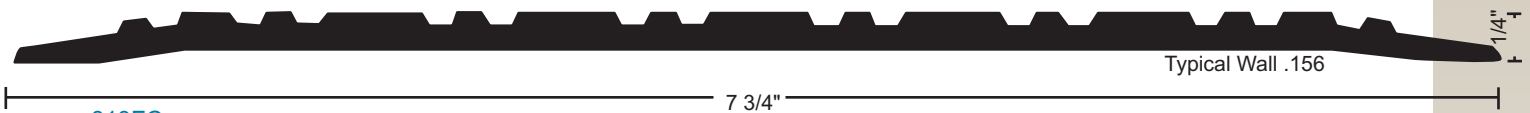
413FC .56 lbs./ft.  
413FCDKB .56 lbs./ft.



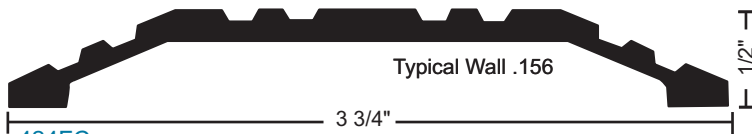
513FC .73 lbs./ft.  
513FCDKB .73 lbs./ft.



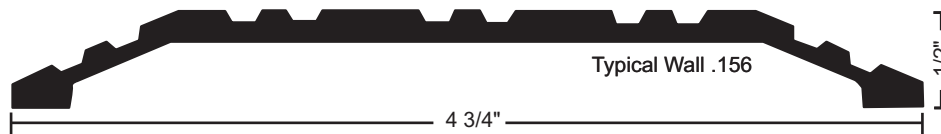
713FC 1.06 lbs./ft.  
713FCDKB 1.06 lbs./ft.



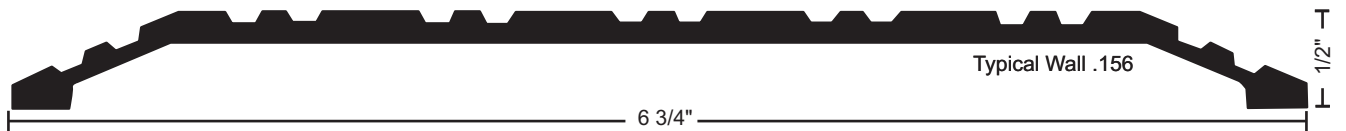
813FC 1.22 lbs./ft.  
813FCDKB 1.22 lbs./ft.



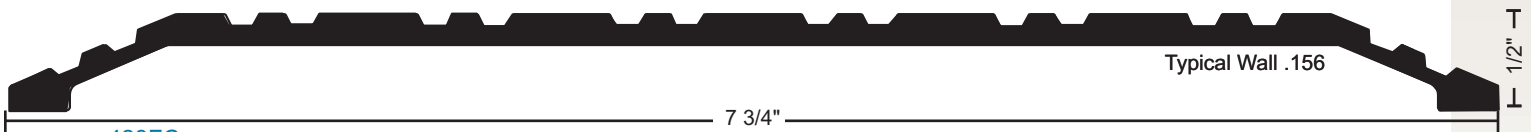
424FC .66 lbs./ft.  
424FCDKB .66 lbs./ft.



425FC .82 lbs./ft.  
425FCDKB .82 lbs./ft.



427FC 1.15 lbs./ft.  
427FCDKB 1.15 lbs./ft.



428FC 1.32 lbs./ft.  
428FCDKB 1.32 lbs./ft.

MATERIALS & FINISHES

- Aluminum mill finish
- DKB - Aluminum dark bronze finish

Slip Resistant SIA Finish

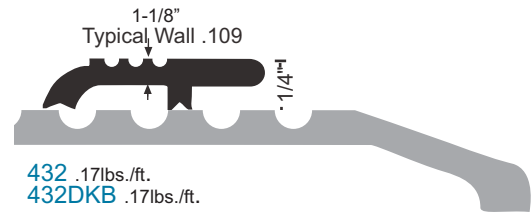
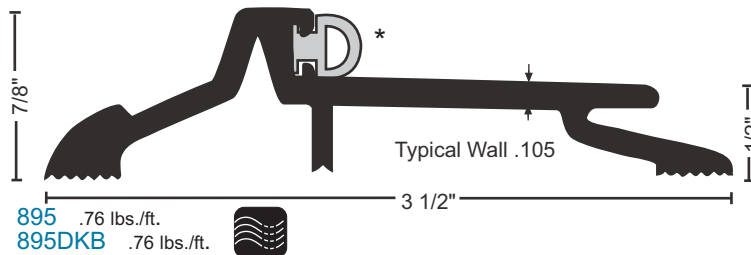
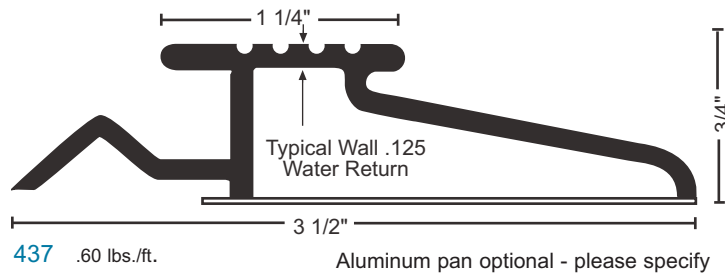
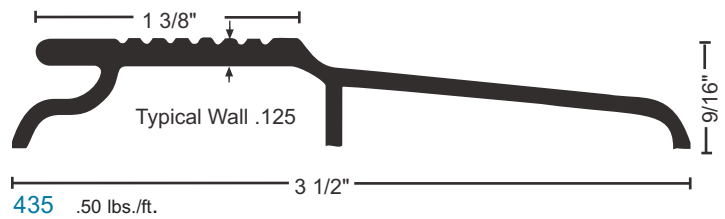
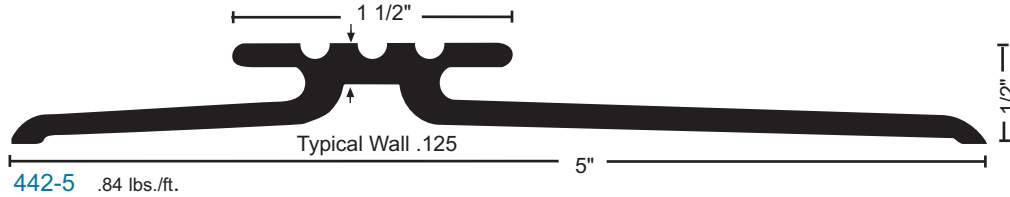
All thresholds are available with our slip resistant, non-skid finish "SIA".

FASTENERS

#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds.  
Zinc plated antique bronze finish screws are provided to match DKB finish.

## Interlocking Thresholds

Thresholds and Hook Strips this page



Apply to any saddle threshold  
#10 self-tapping machine screws furnished

**\* Bumper Seal**

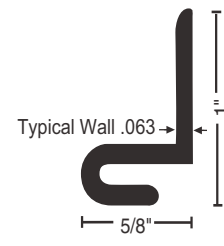
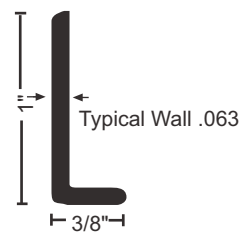
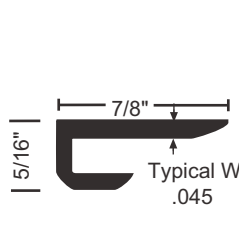
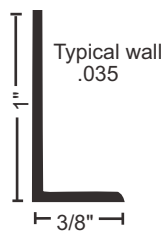
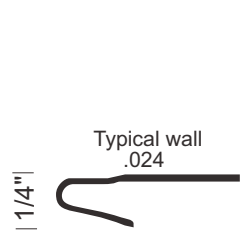
Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")

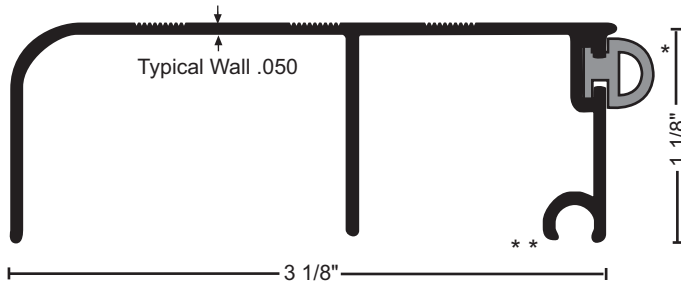
## Hook Strips

80 hook strip provided with all interlocking thresholds.  
Other hook strips may be specified at additional cost.

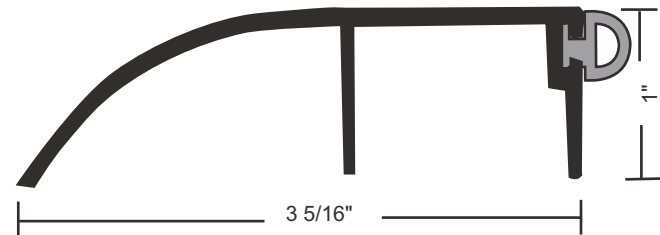


Residential Thresholds

All thresholds this section



23 .36 lbs./ft.  
23DKB .36 lbs./ft.



25 .33 lbs./ft.  
25DKB .33 lbs./ft.

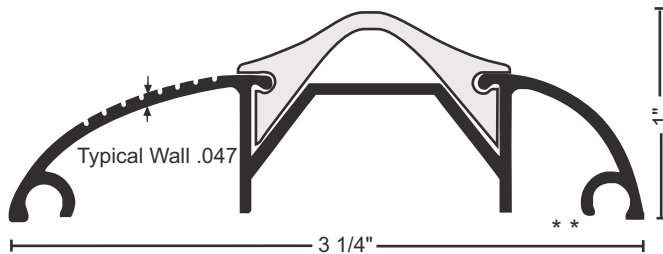
\* **Bumper Seal**

Seals against the door providing weather resistance

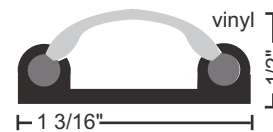
Vinyl ("V") supplied unless other material is specified

Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")

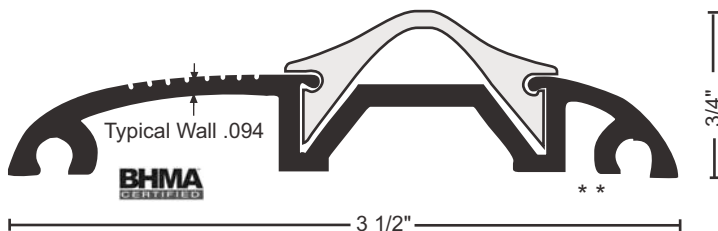
Vinyl Top Thresholds



30 .50 lbs./ft.  
30DKB .50 lbs./ft.



12V .31 lbs./ft.  
12VDKB .31 lbs./ft.



405 .74 lbs./ft.  
405DKB .74 lbs./ft.

\*\* VINYL FOOT SEAL used instead of caulking to increase the weather resistance of the threshold. Specify on order

**FASTENERS**  
#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Zinc plated antique bronze finish screws are provided to match DKB finish.

**MATERIALS & FINISHES**

- Aluminum mill finish
- DKB - Aluminum dark bronze finish

Slip Resistant SIA Finish

All thresholds are available with our slip resistant, non-skid finish for better traction. Suffix "SIA".

Residential Thresholds

Vinyl Top Thresholds



## Stainless Steel 1/4" Saddle Thresholds

All thresholds this page



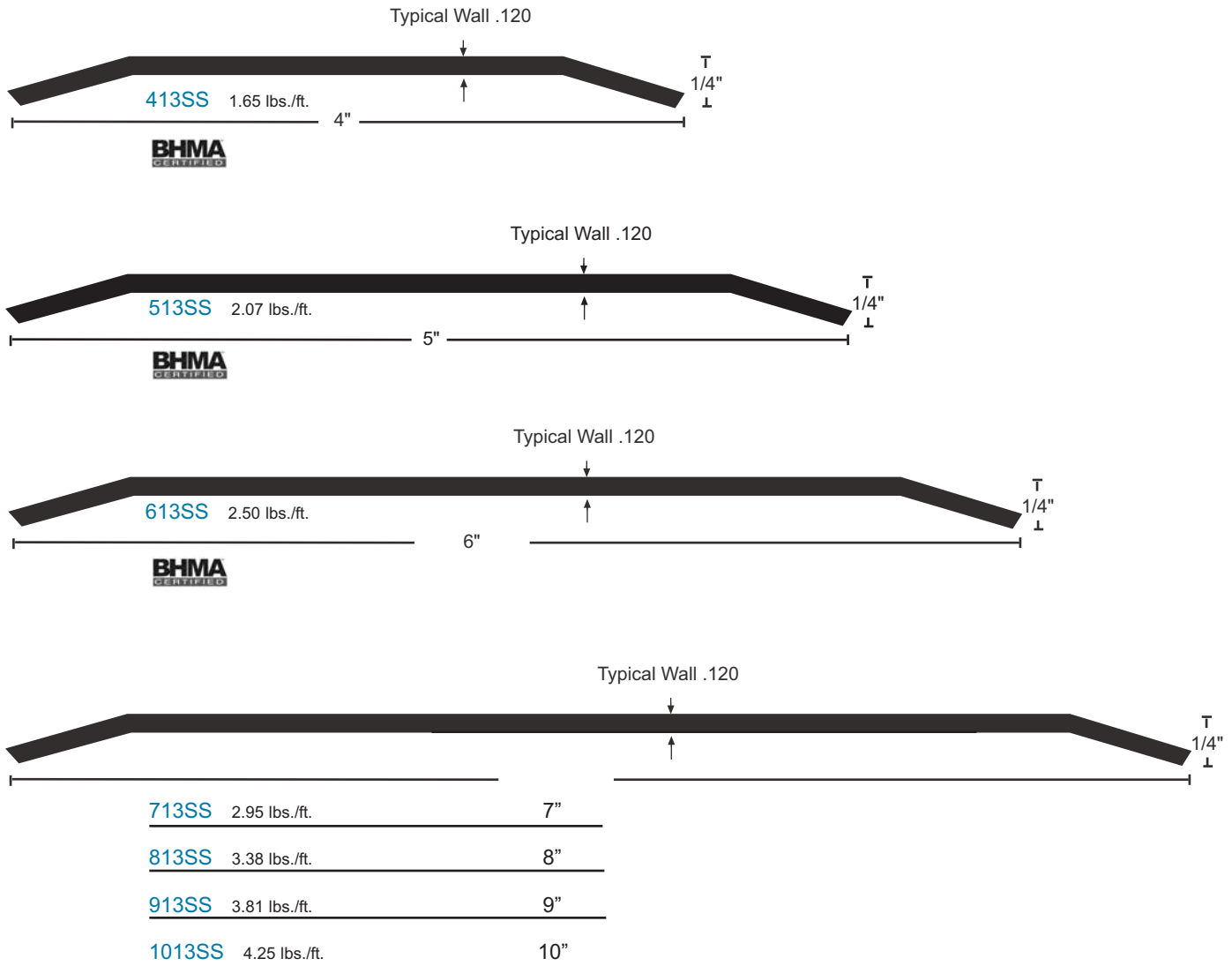
Widths and heights other than shown are available upon request.

Stainless steel thresholds are type #304, mill finish #2B  
Return Closed Ends are available - see page T5

**Optional Finishes:**

- Polished, US32, 629      suffix "POL"
- Brushed, US32D, 630    suffix "Brushed"
- Slip-resistant            suffix "SIA"

**FASTENERS**  
#10 x -1-1/2" FH  
stainless steel wood  
screws



## Stainless Steel 1/2" Saddle Thresholds

Widths and heights other than shown are available upon request.

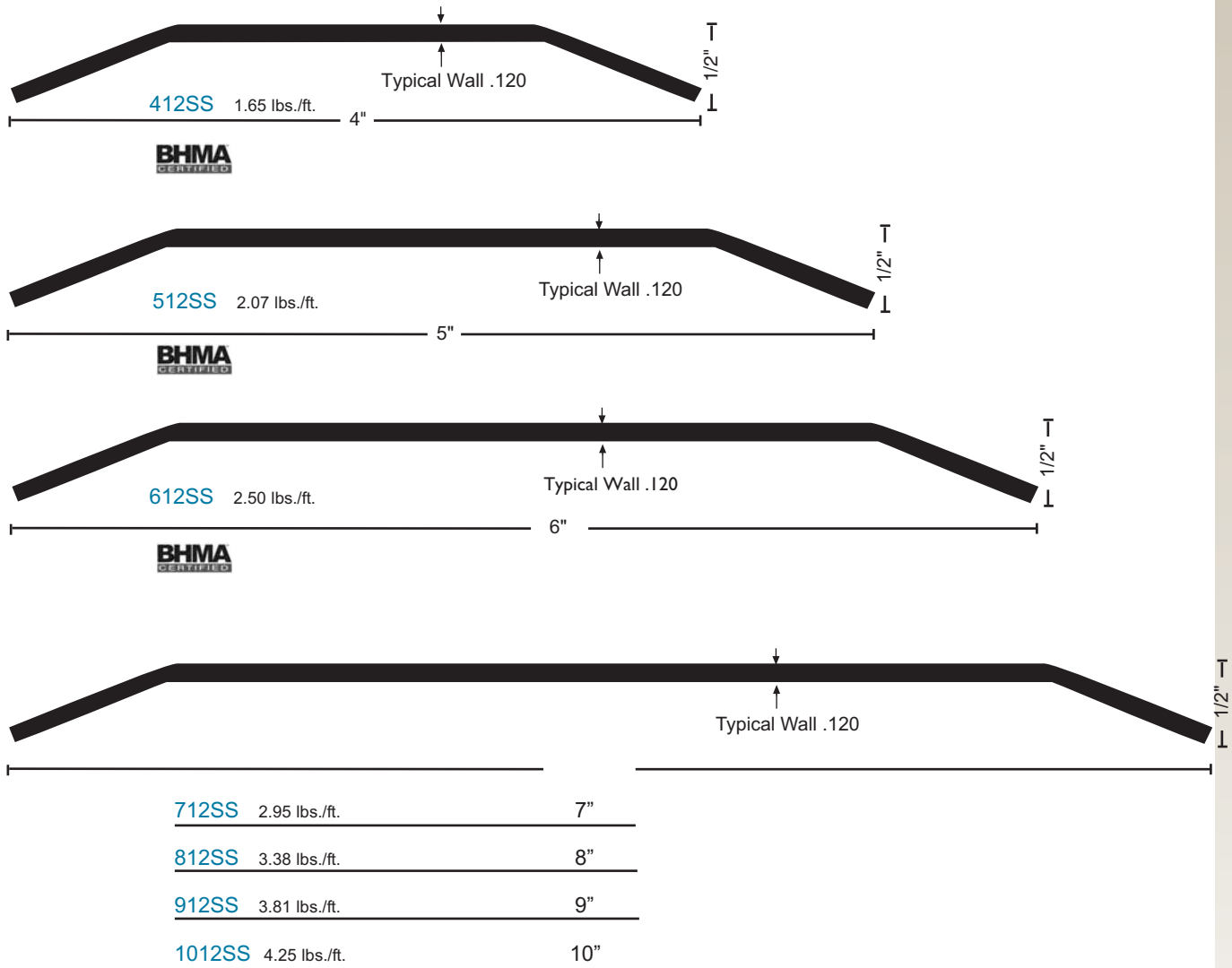
Stainless steel thresholds are type #304, mill finish #2B  
Return Closed Ends are available - see page T5

**Optional Finishes:**

- Polished, US32, 629      suffix "POL"
- Brushed, US32D, 630    suffix "Brushed"
- Slip-resistant            suffix "SIA"

All thresholds this page   

**FASTENERS**  
#10 x -1-1/2" FH  
stainless steel wood  
screws



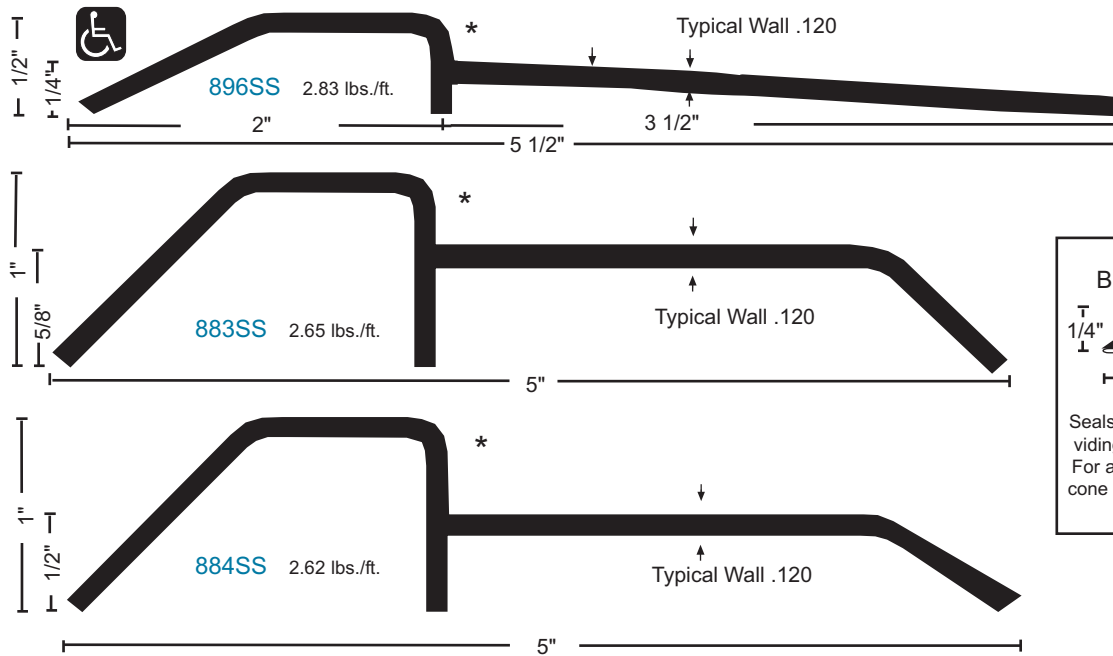
Stainless Steel 1/2" Saddle Thresholds

## Stainless Steel Bumper Seal Thresholds

#304 stainless steel, mill finish #2B  
Optional finishes:

- Polished (US32, 629), suffix "POL"
- Brushed (US32D, 630), suffix "Brushed"
- Slip-resistant suffix "SIA"

All products this page



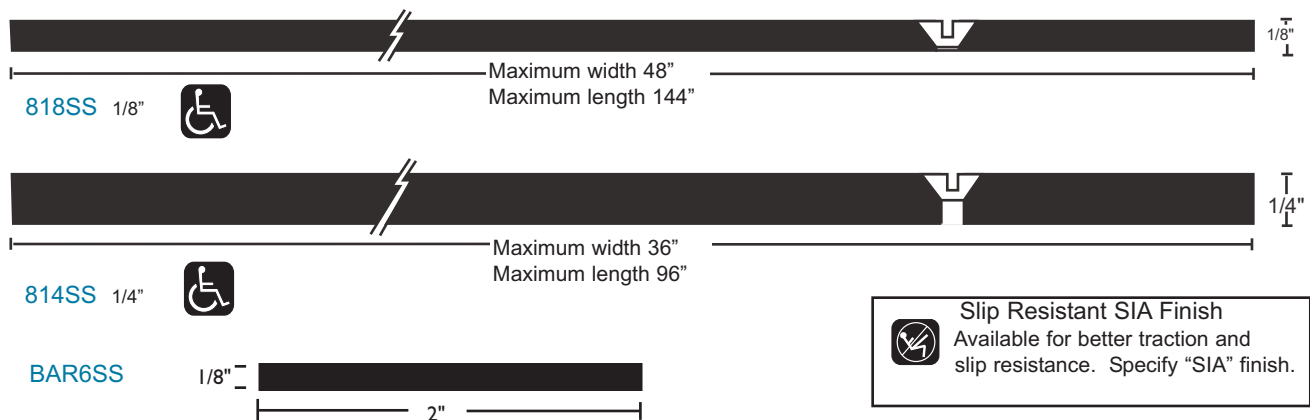
**\* OPTIONAL BUMPER SEAL**

Seals against the door providing weather resistance. For adhesive mounted silicone bumper seal suffix "S"

## Stainless Steel Cover Plate

- #304 stainless steel material, Mill finish #2B  
Optional finishes: Polished (US32, 629,) suffix "POL"  
Brushed (US32D, 630), suffix "Brushed"
- PVC coating applied to protect the finish during shipping and installation.
- Square cut edges standard. Specify if beveled edge is required.
- Furnished undrilled although custom drilling is available to your detail.
- Minimum width 3" on 818SS and 4" on 814SS.
- #10 x 1 1/2" stainless steel wood screws furnished.

Beveling available at extra charge



**Slip Resistant SIA Finish**  
Available for better traction and slip resistance. Specify "SIA" finish.

## Architectural Bronze Bumper Seal Thresholds

All products this page

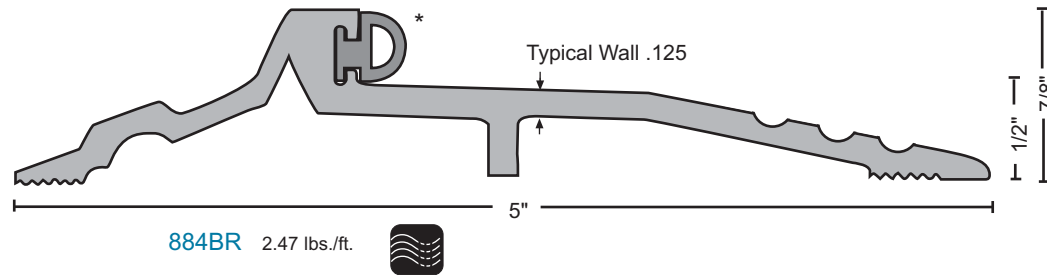
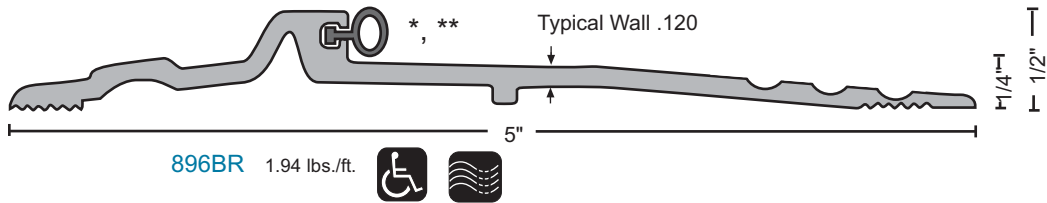
Architectural Bronze satin finish (728) similar to US4.

Optional finishes:

Polished (721), suffix "POL"

Dark oxidized oil rubbed (722) similar to US10B, suffix "DKB"

Slip-resistant, suffix "SIA"



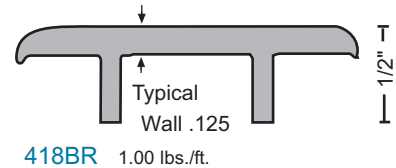
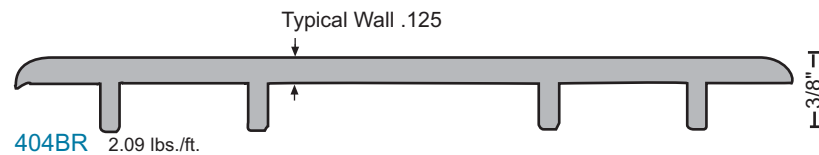
**\* Bumper Seal**  
Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

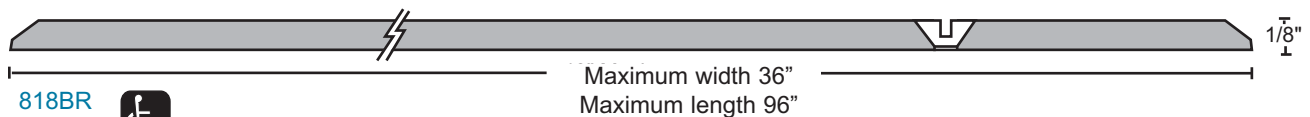
Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")

**\*\*Pile insert not available**

## Architectural Bronze Carpet Dividers



## Brass Cover Plate



- #260 Brass, mill finish
- Optional finishes:  
Polished (similar to US3), suffix "POL"  
Dark oxidized (similar to US10B), suffix "DKB" - Maximum width 10".
- Manufactured through a cold formed process providing extra durability.
- PVC coating applied to protect the finish during shipping and installation
- Beveled edges standard. Specify if square cut edges are required.
- Furnished undrilled although custom drilling is available to your detail.
- Welding not recommended - Consult factory
- #10 x 1 1/2" brass wood screws furnished.

**Slip Resistant SIA Finish**  
Available for better traction and slip resistance. Specify "SIA" finish.

Architectural Bronze Bumper Seal Thresholds, Carpet Dividers, Cover Plates



## Architectural Bronze 1/4" Saddle Thresholds



All thresholds this page

Architectural Bronze satin finish (728) similar to US4.

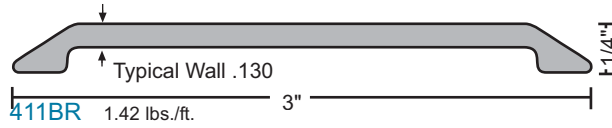
Optional finishes:

- Polished (721), suffix "POL"
- Dark oxidized oil rubbed (722) similar to US10B, suffix "DKB"
- Slip-resistant, suffix "SIA"

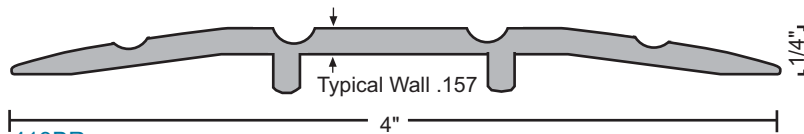
### FASTENERS

#10 X 1 -1/2" solid brass wood screws furnished. Antique bronze finish screws provided with dark bronze thresholds.

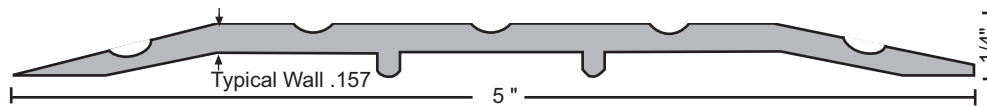
Architectural Bronze 1/4" Saddle Thresholds



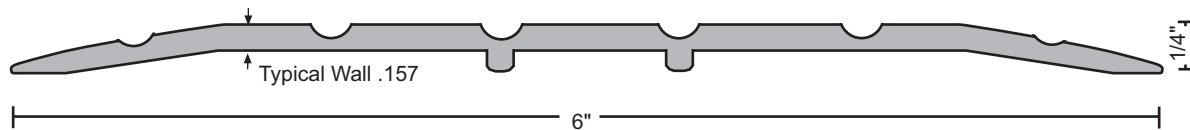
**411BR** 1.42 lbs./ft.



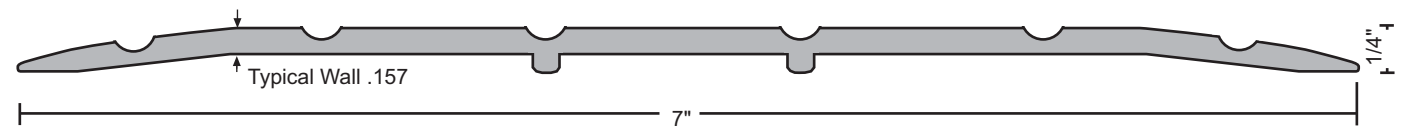
**413BR** 1.52 lbs./ft.



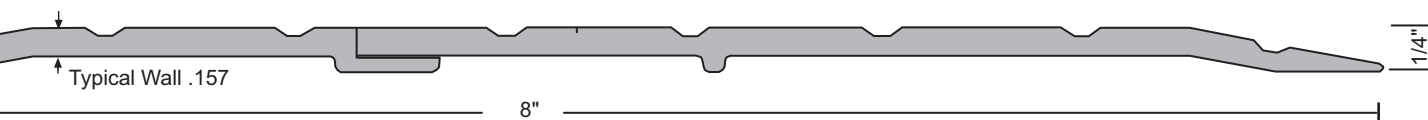
**513BR** 1.96 lbs./ft.



**613BR** 3.06 lbs./ft.



**713BR** 3.62 lbs./ft.



**813BR** 4.60 lbs./ft.



**Architectural Bronze 1/2" Saddle Thresholds**

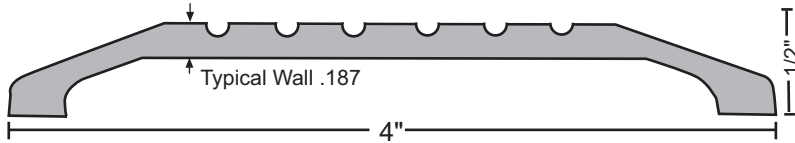
All thresholds  
this page



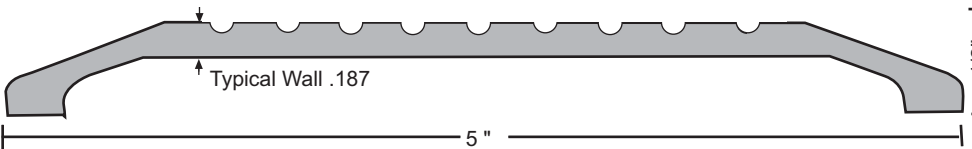
Architectural Bronze satin finish (728) similar to US4.

Optional finishes:

- Polished (721), suffix "POL"
- Dark oxidized oil rubbed (722) similar to US10B, suffix "DKB"
- Slip-resistant, suffix "SIA"

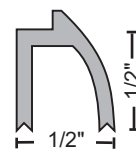


**424BR** 2.28 lbs./ft. **BHMA**

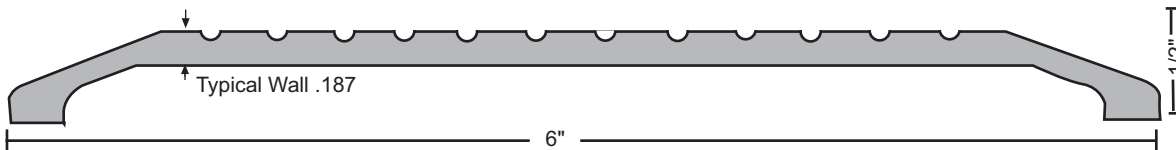


**425BR** 2.84 lbs./ft. **BHMA**

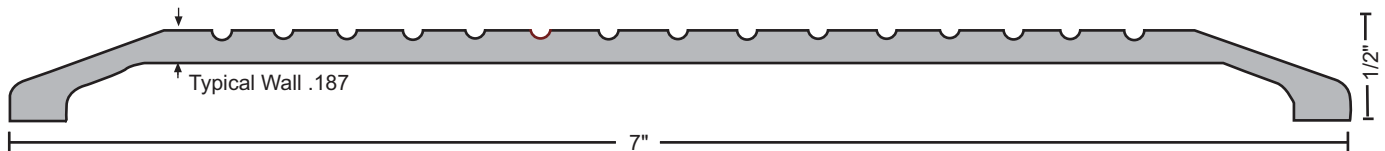
**Elevator**



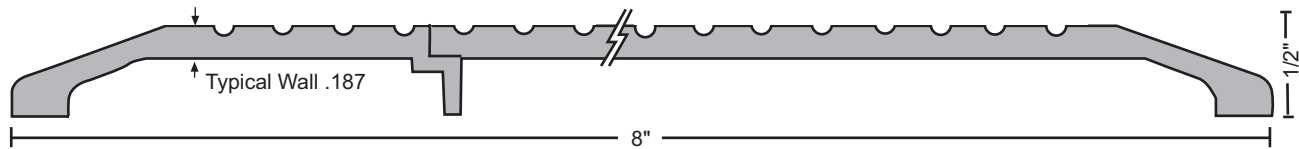
**58BR**  
1.34 lbs./ft.  
not barrier-free



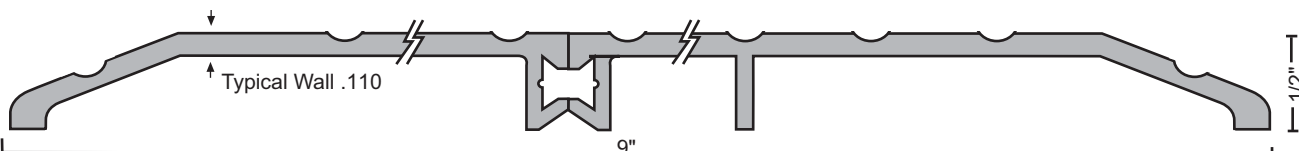
**426BR** 3.33 lbs./ft. **BHMA**



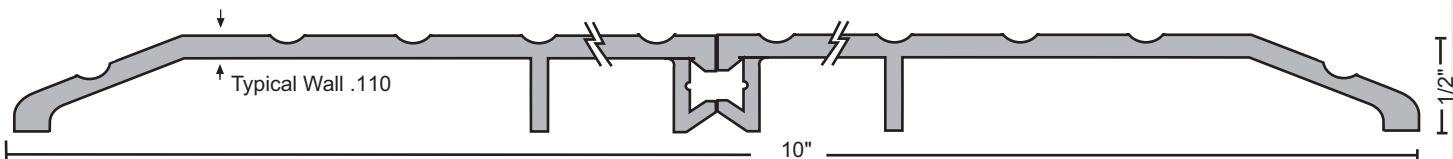
**427BR** 4.09 lbs./ft. **BHMA**



**428BR** 5.06 lbs./ft. **BHMA**



**429BR** 4.27 lbs./ft.



**430BR** 4.78 lbs./ft. **BHMA**

Architectural Bronze 1/2" Saddle Thresholds



## Architectural Bronze Thermal Break Saddle Thresholds

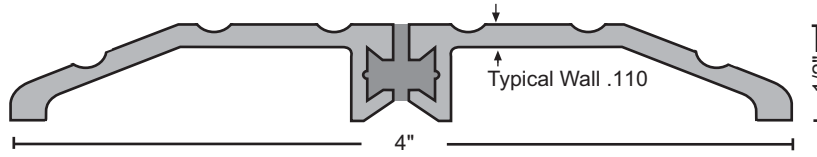
All Thresholds this Page



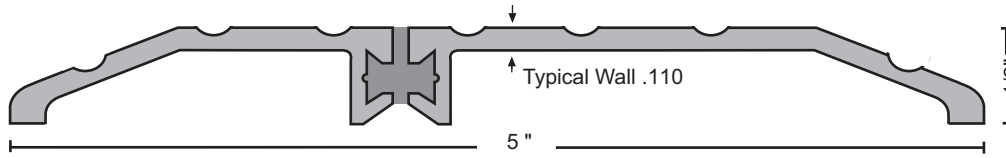
Architectural Bronze satin finish (728) similar to US4.

Optional finishes:

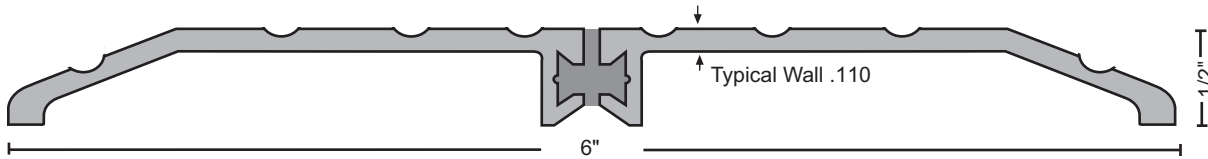
- Polished (721), suffix "POL"
- Dark oxidized oil rubbed (722) similar to US10B, suffix "DKB"
- Slip-resistant, suffix "SIA"



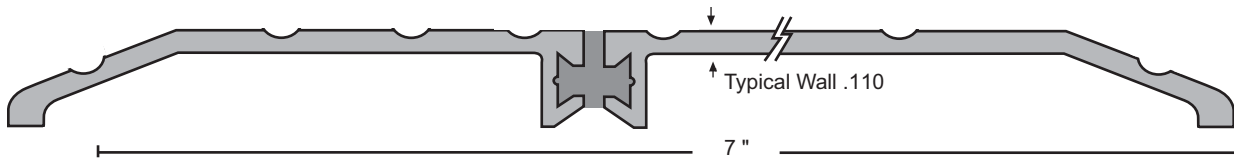
8424BR 2.08 lbs./ft.



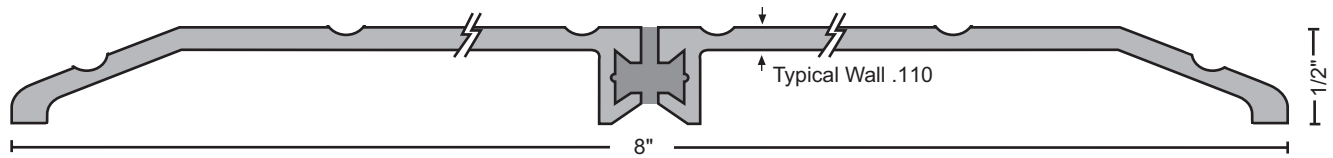
8425BR 2.46 lbs./ft.



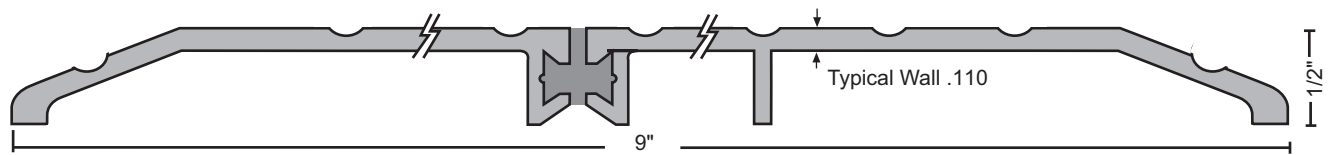
8426BR 2.84 lbs./ft.



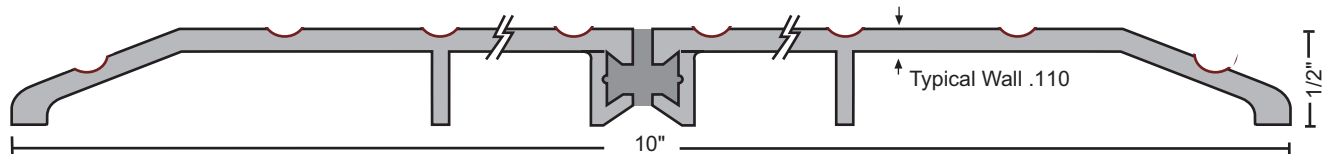
8427BR 3.23 lbs./ft.



8428BR 3.62 lbs./ft.




8429BR 4.16 lbs./ft.

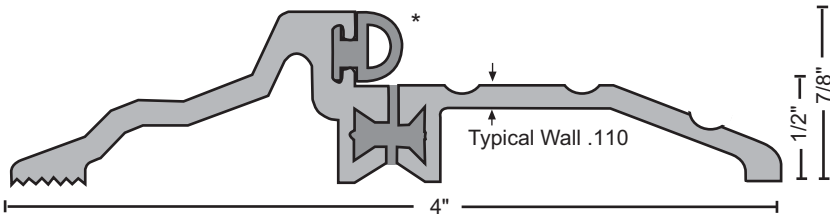


8430BR 4.70 lbs./ft.

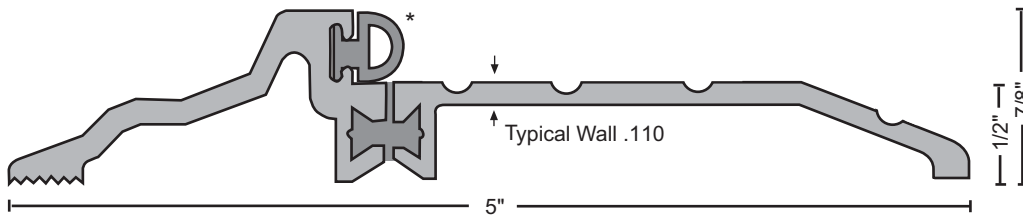


# Architectural Bronze Thermal Break Bumper Seal Thresholds

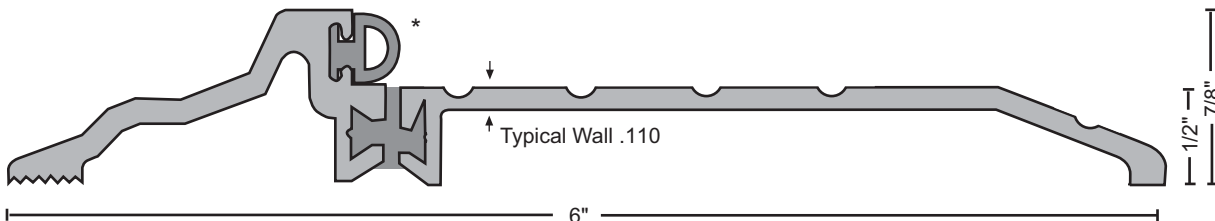
All thresholds this page  **BHMA**  
CORPORATION



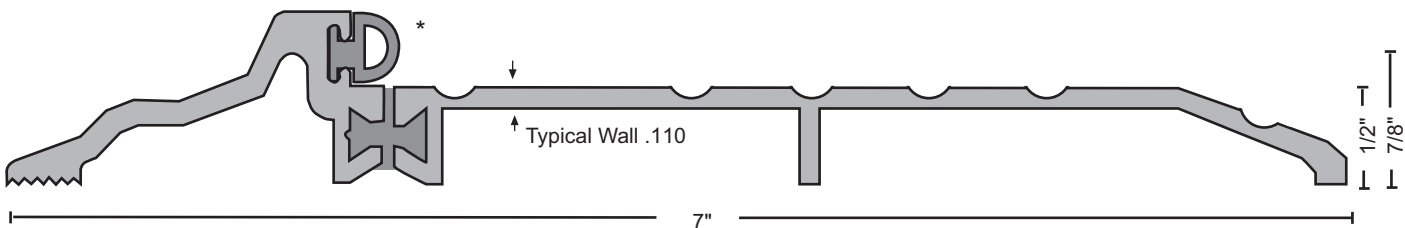
8434BR 2.71 lbs./ft.



8435BR 3.09 lbs./ft.





8436BR 3.47 lbs./ft.



8437BR 5.06 lbs./ft.

Architectural Bronze satin finish (728) similar to US4.  
Optional finishes:  
Polished (721), suffix "POL"  
Dark oxidized oil rubbed (722) similar to US10B, suffix "DKB"  
Slip-resistant, suffix "SIA"


**FASTENERS**  
#10 X 1 -1/2" solid brass wood screws furnished. Antique bronze finish screws provided with dark bronze thresholds.

 **Bumper Seal** 

Seals against the door providing weather resistance

Vinyl ("V") supplied unless other material is specified

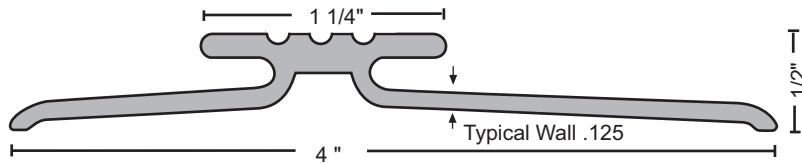
Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")



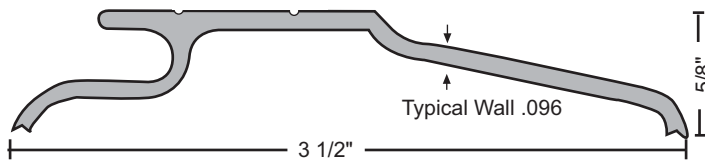
Architectural Bronze Thermal Break Bumper Seal Thresholds

## Architectural Bronze Interlocking Thresholds

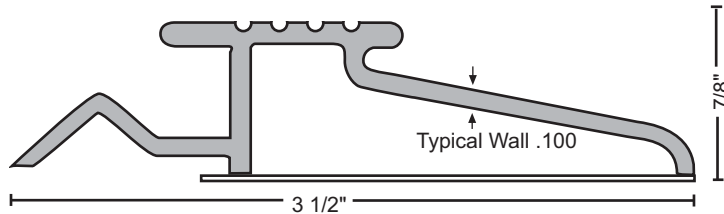
All products this page



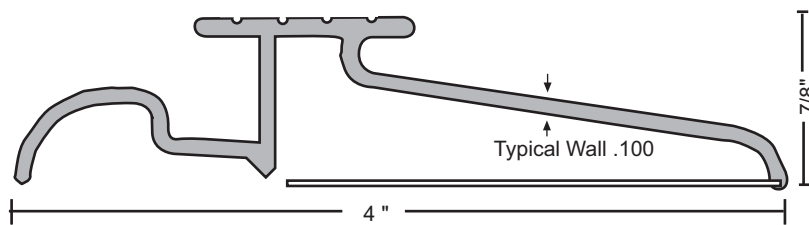
442BR 2.01 lbs./ft.



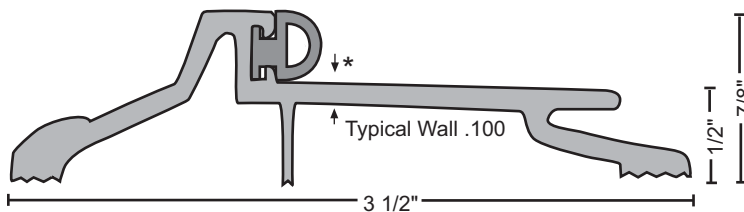
473BR 1.54 lbs./ft.



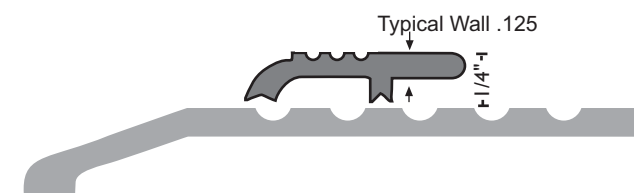
483BR 1.80 lbs./ft. Bronze pan optional - please specify



484BR 1.83 lbs./ft. Bronze pan optional - please specify



895BR 2.06 lbs./ft.

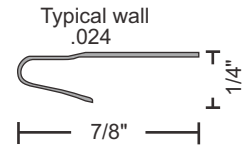


432BR

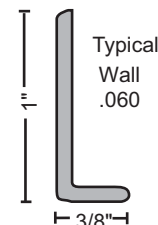
#10 self-tapping machine screws furnished  
Apply to any saddle threshold



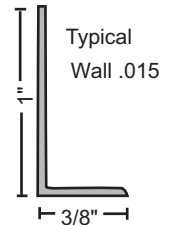
## Bronze Hooks



80B  
Supplied Standard  
with Threshold



83BR



81B

Architectural Bronze satin finish (728) similar to US4.

Optional finishes:

- Polished (721), suffix "POL"
- Dark oxidized oil rubbed (722) similar to US10B, suffix "DKB"
- Slip-resistant, suffix "SIA"

### FASTENERS

#10 X 1 - 1/2" solid brass wood screws furnished. Antique bronze finish screws provided with dark bronze thresholds.

**\* D** **Bumper Seal**

Seals against the door providing weather resistance

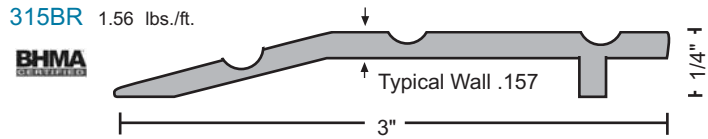
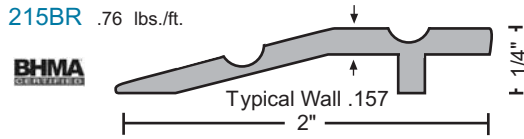
Vinyl ("V") supplied unless other material is specified

Options:  
Neoprene ("N")  
Silicone ("S")  
Pile ("P")

# Architectural Bronze Half-Saddle Thresholds

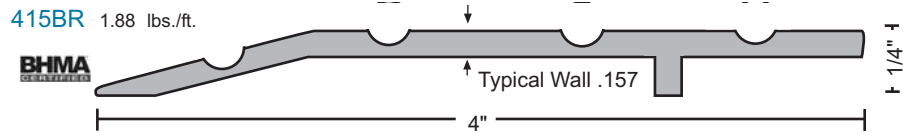
All products this page   


Architectural Bronze Half-Saddle Thresholds

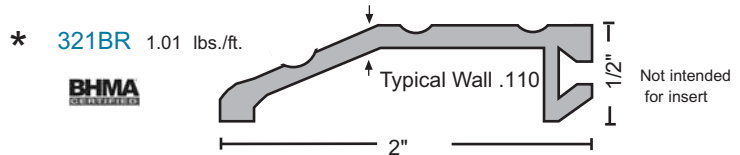


Architectural Bronze satin finish (728) similar to US4.

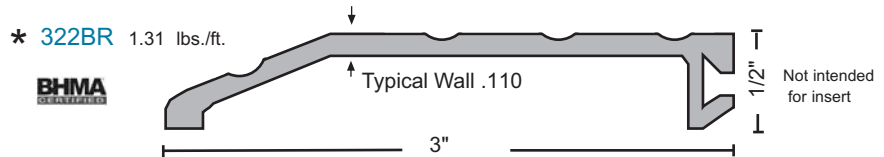
Optional finishes:  
 Polished (721), suffix "POL"  
 Dark oxidized (722) similar to US10B, suffix "DKB"  
 Slip-resistant, suffix "SIA"



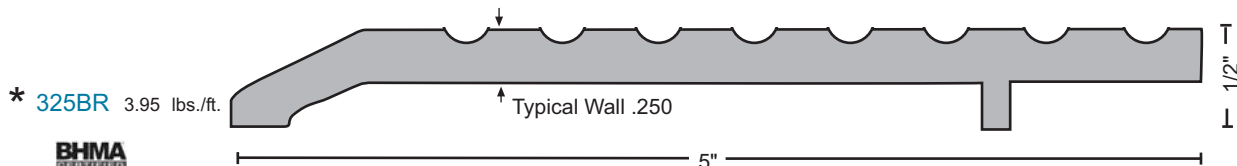
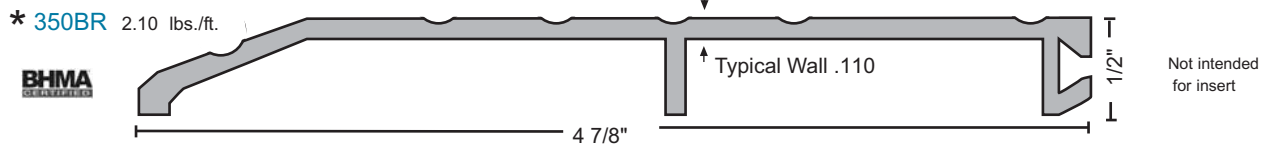
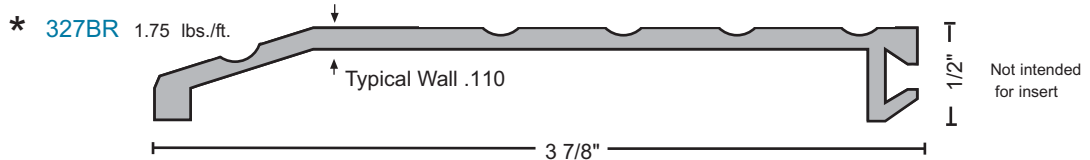
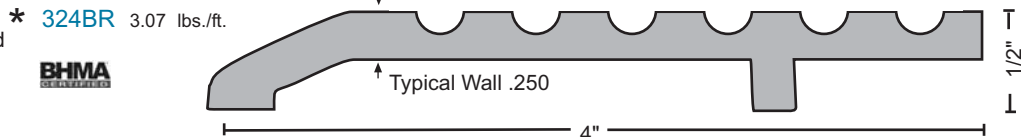
 **Slip-Resistant SIA finish**  
 Available for better traction and slip-resistance. Specify "SIA" finish.



**FASTENERS**  
 #10 X 1 -1/2" solid brass wood screws furnished. Antique bronze finish screws provided with dark bronze thresholds.



\* ADA compliant when installed with the non-beveled edge FLUSH with flooring or where no greater than 1/4" vertical rise occurs.





## Architectural Bronze Custom Thresholds

All products this page



Choose from various height and width components to build custom thresholds to meet special job requirements. See the custom fabricated threshold example illustrated on page T5.

Select the proper height edge components. Select the appropriate center plates to construct the width needed. Plates may be butted together or ripped to make specific widths. Support joints and wider spans with bar supports.

Threshold assembly plates may be used fluted or smooth side up. Slip-resistant SIA finish can be applied to all parts.

Threshold assembly components may be ordered separately for field assembly or welded into one piece units in our custom fabrication shop. They are supplied undrilled unless a template is provided. Ripping and beveling options are available. All custom fabricated assemblies have a tolerance of +/- 1/16".

If a welded assembly is desired, specify "welded".

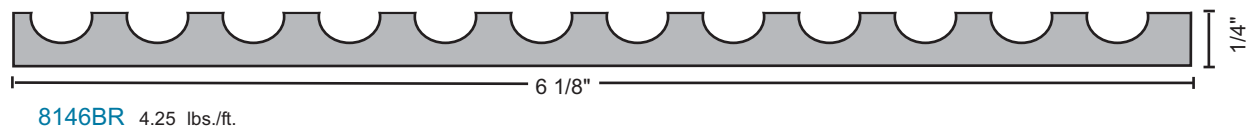
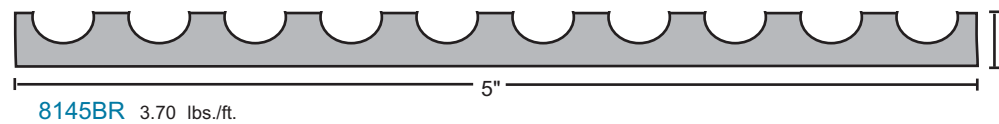
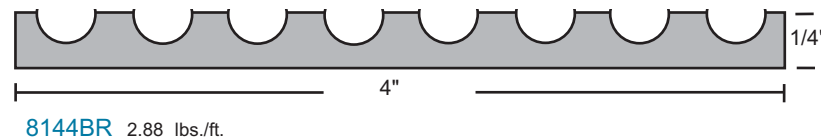
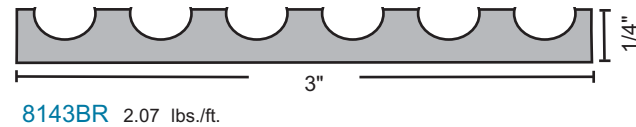
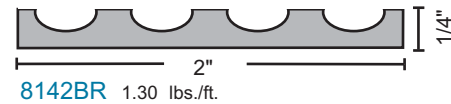
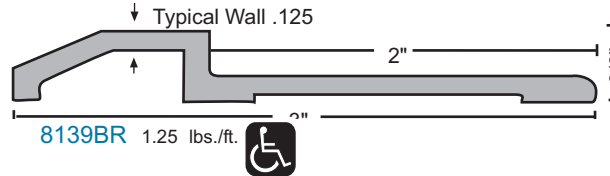
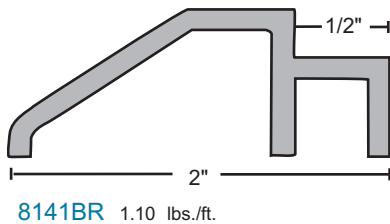
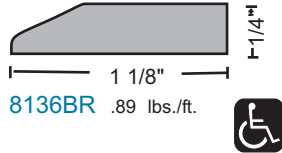
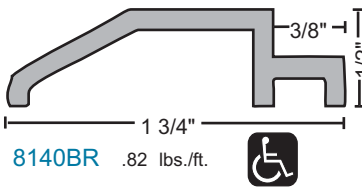
Architectural Bronze satin finish (728) similar to US4.

Optional finishes:

Polished (721), suffix "POL"

Dark oxidized oil rubbed (722) similar to US10B, suffix "DKB"

Slip-resistant, suffix "SIA"



### Bar Supports

used as support under threshold assemblies



**BAR2BR**



**BAR1BR**



**BAR3BR**

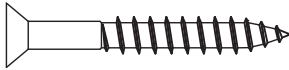


**BAR4BR**



**BAR5BR**

Threshold Fasteners



#10 x 1 1/2" Phillips Flat Head Wood Screw  
Use 1/8" Drill bit



Phillips Head  
Top View



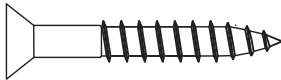
Spanner Head  
Top View



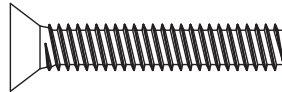
Torx Head  
Top View



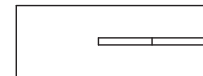
Torx Security  
Top View



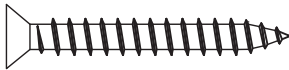
#12 x 1 1/2" Phillips Flat Head Wood Screw  
Use 9/64" Drill bit  
Also #12 x 1"



#1/4-20 x 1 1/2" Phillips Flat Head  
Machine Screw



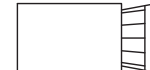
#1/4-20 Expansion Anchor  
Carbon Steel  
Use 3/8" Drill bit



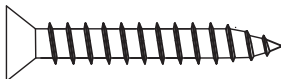
#10 x 1 1/2" Phillips Flat Head Stainless Steel  
Sheet Metal Screw  
Use 1/8" Drill bit  
Also #10 x 1", #10 x 2", #10 x 2 1/2", #10 x 3"



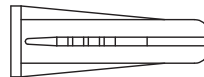
#10-24 x 1 1/2" Phillips Flat Head  
Machine Screw  
Also #10-24 x 3/4", #10-24 x 1"



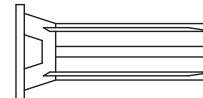
#10-24 Lead Anchor  
Use 3/8" Drill bit and  
Powers seating tool



#12 x 1 1/2" Phillips Flat Head  
Sheet Metal Screw  
Use 9/64" Drill bit  
Also: #12 x 1"



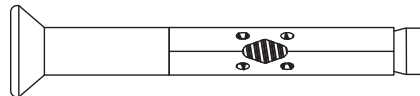
Plastic Anchor Various Sizes  
Use Drill Size = Anchor Size



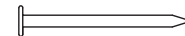
Lead Expansion Shield  
4% Antimonial Lead  
Use 5/16" Drill bit



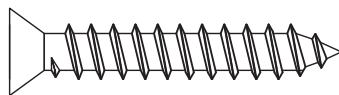
#6 x 3/4" Phillips Flat Head Self-tapping  
Machine Screw  
Use 3/32" Drill bit



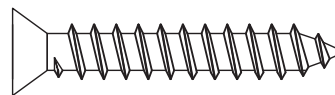
#1/4-20 Phillips Combo Flat Head Machine  
Screw/Anchor  
Use 1/4" Drill bit



#18 x 7/8" Nail for use with 80B  
Hook Strip



Hilti Kwik-Con II Torx Head Screw, Use Hilti  
TKC large concrete bit SDS 1/4" Tough  
Carbide



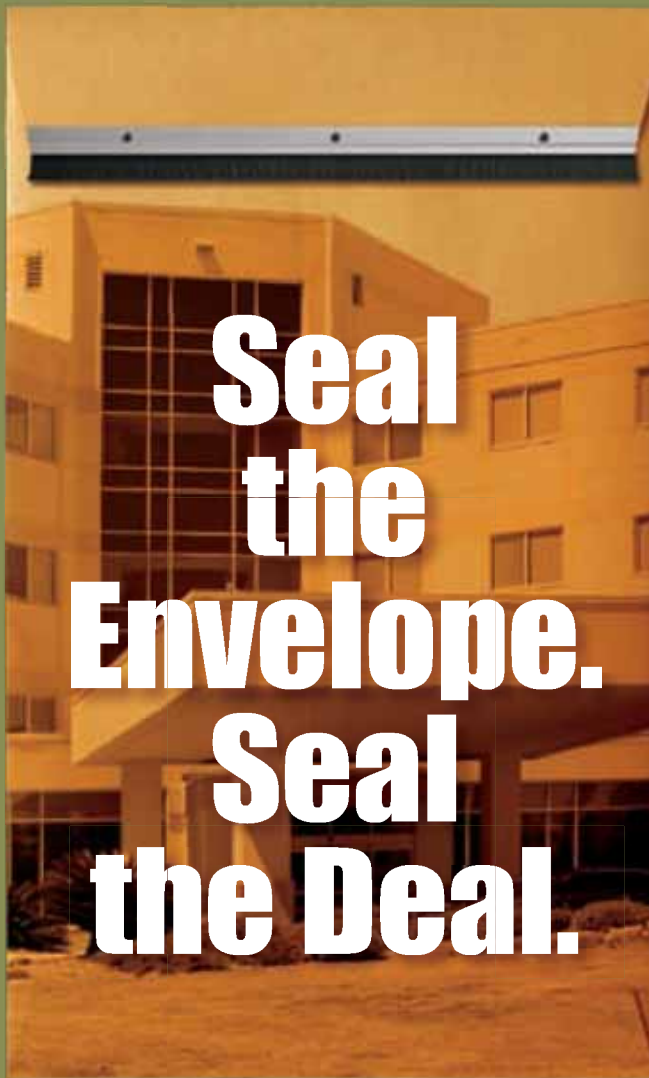
Tap-Con type Phillips Head Screw  
Use 13/16" Drill bit



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