

Gangway and Dock Systems, ENDECK, Sure Step & Seawall

Durable, long-lasting dock solutions from Eastern Metal Supply!

EMS specializes in Aluminum extrusions for the fabrication of gangways and docks. We also carry **ENDECK PVC Decking**, a top of the line, ultra-low maintenance product that is the perfect choice for docks and marinas because it can withstand full time water submersion! **SURE STEP**, an innovative interlocking decking system for docks, marinas, gangways, and walkways. Lightweight and easy to install, it's also easy on bare feet and allows excellent light penetration for environmentally sensitive areas.



12" Dock Flooring x 24' 1"

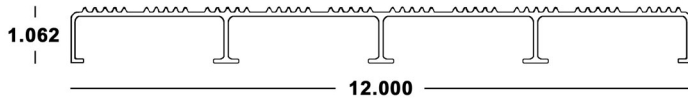
6005-T5 Mill Finish; Engineering available upon request

30-63-112

Knurled

30-63-224

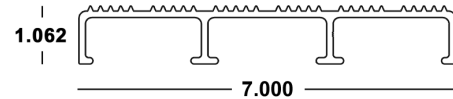
Non-Knurled



7" Step x 24' 1"

6005-T5 Mill Finish

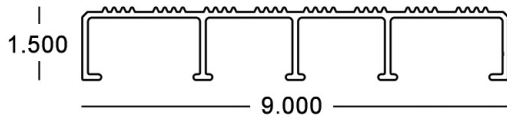
30-61-116



9" Deck x 24'

6063-T6 Mill Finish Knurled

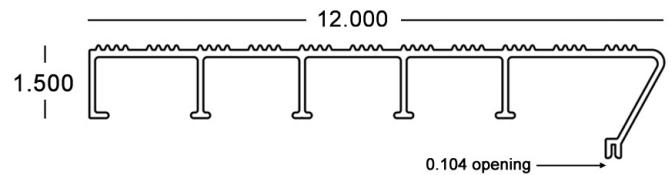
MILL ORDER 52-63-13776



12" Step with Insert x 12' 3"

6063-T6 Mill Finish

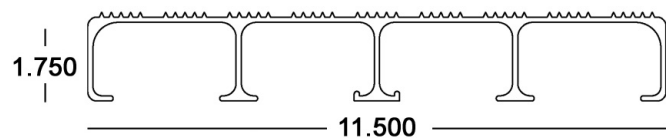
30-63-115



11-1/2" X 1.75" Dock Flooring

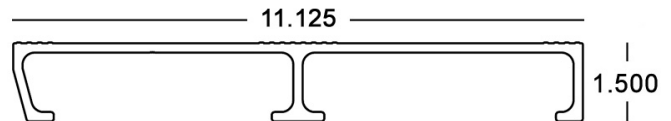
6063-T6 Mill Finish Knurled

MILL ORDER 52-63-14435



11.125" x 1.5" Decking

MILL ORDER 52-63-13422



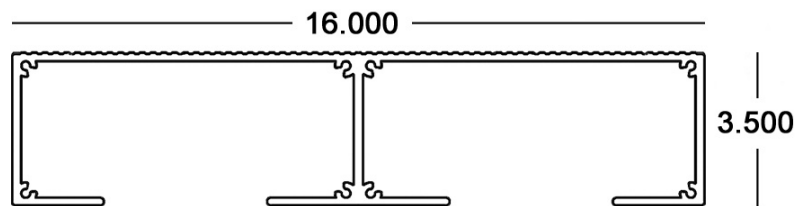
3-1/2" x 16" Walk Board

6005A-T61; Mates with End Cap 30-EC-000

Custom Lengths Available; Sandblasted Finish Available as a Special Order

- 30-61-312 x 12'
- 30-61-314* x 14'
- 30-61-316 x 16'
- 30-61-318* x 18'
- 30-61-320 x 20'
- 30-61-324* x 24'
- 30-61-330 x 30'

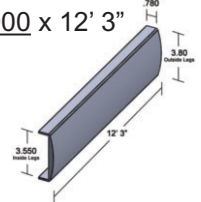
*Limited inventory available;
Mill Order availability once
inventory runs out



16" Walk Board End Cap

UV Black Plastic

30-EC-000 x 12' 3"

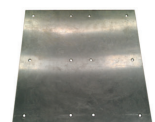


16" Walk Board Stiffener

31-61-STIFF

.090" x 16" x 16"

Predrilled with 1/4" holes



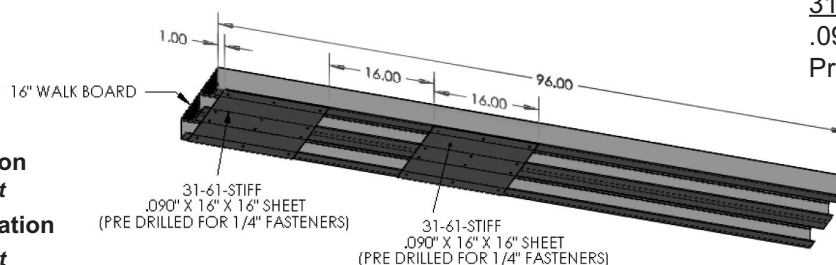
• 7' - 8' Free Span Application

Requires 2 Stiffeners 16" apart

• 8' to 10' Free Span Application

Requires 3 Stiffeners 16" apart

Start the first Stiffener 1" from the end of span to allow for End Cap.



EASTERN METAL SUPPLY

DOCK 01
07/14/23

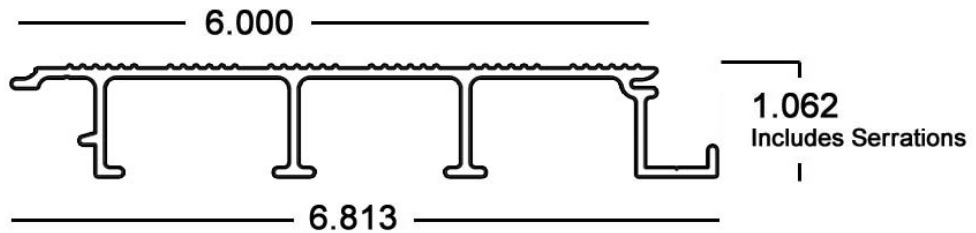
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FL: 800-432-2204 • NC/DE/GA: 800-343-8154 • TX/LA: 800-996-6061 • MO/OH/IN: 888-822-6061



Two Piece Self Mating Dock Flooring x 24' 1"

6063-T6 Mill Finish; Knurled
30-63-101

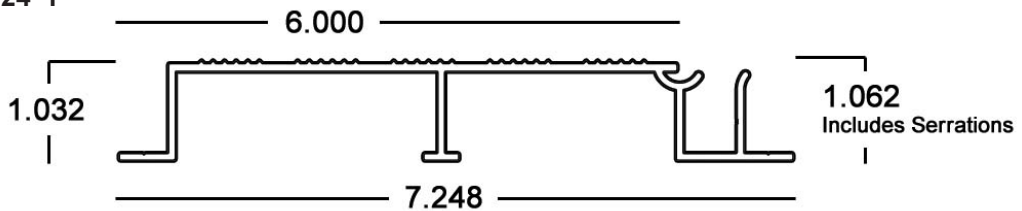


Three Piece Starting Board x 24' 1"

6063-T6 Mill Finish; Knurled

30-63-150 (NC)

Mates with 30-63-145
and 30-63-155)

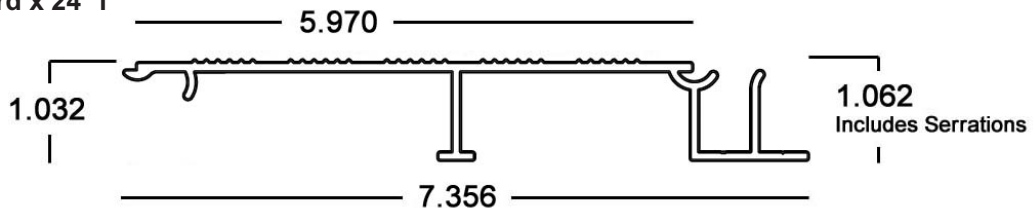


Three Piece Interlocking Board x 24' 1"

6063-T6 Mill Finish; Knurled

30-63-155 (NC)

Self Mating;
Mates with 30-63-145
and 30-63-155)

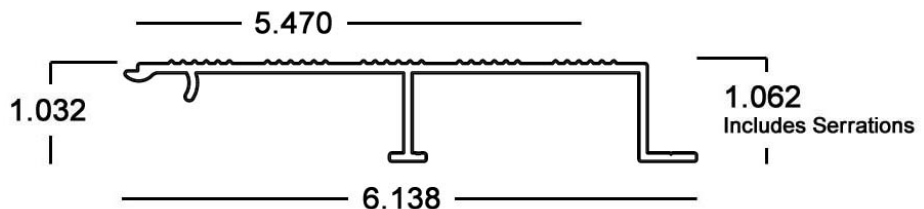


Three Piece Finishing Board x 24' 1"

6063-T6 Mill Finish; Knurled

30-63-145 (NC)

(Mates with 30-63-150
and 30-63-155)



Three Piece Interlocking Deck Boards

Properties & Span Limits

DESCRIPTION	PART #	MATERIAL	AREA	INERTIA	SECTION
STARTING BOARD	30-63-150	6063-T6	0.893 in ²	0.135 in ⁴	0.196 in ³
INTERLOCKING BOARD	30-63-155	6063-T6	0.870 in ²	0.112 in ⁴	0.148 in ³
FINISHING BOARD	30-63-145	6063-T6	0.697 in ²	0.076 in ⁴	0.094 in ³

DEFLECTION LIMIT	MAXIMUM TOTAL LOAD ALLOWABLE (PSF)			
	JOISTS SUPPORT CLEAR SPAN C/C			
	2 ft	3 ft	4 ft	6 ft
L/180	304.0 psf	72.7 psf	28.4 psf	8.5 psf
L/240	304.0 psf	72.7 psf	28.4 psf	8.5 psf
L/360	304.0 psf	72.7 psf	28.4 psf	8.5 psf

12" Self Mating Deck x 24'

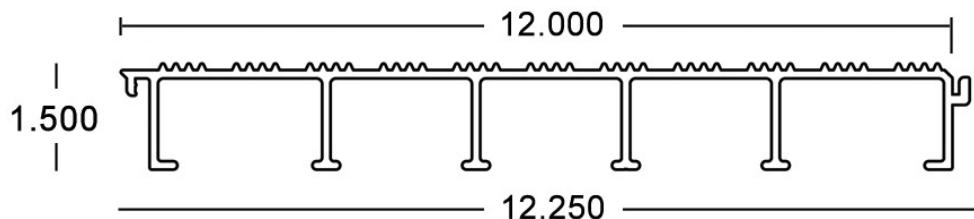
Meets all ADA Requirements

30-63-120

6063-T6 Mill Finish; Knurled

Mates with 52-63-10441

(14" Transition Ramp)



14" Transition Ramp x 12' 1"

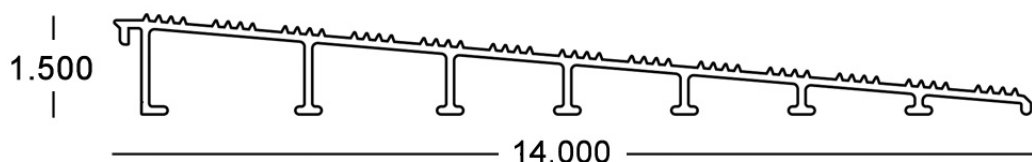
52-63-14510

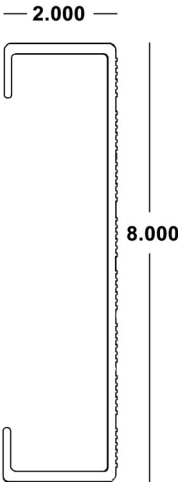
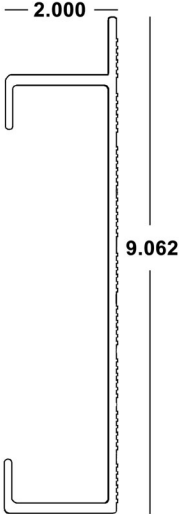
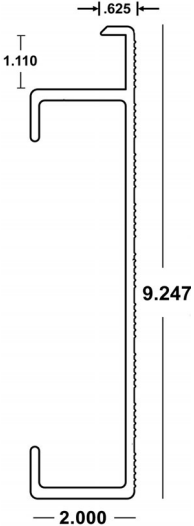
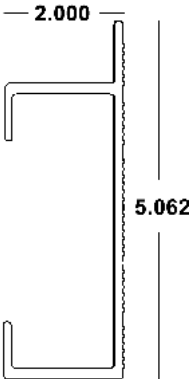
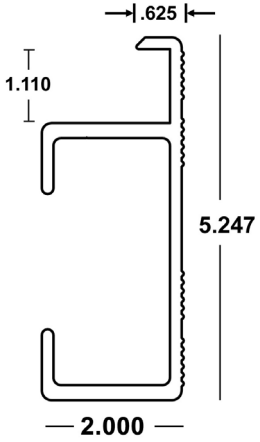
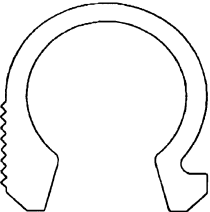
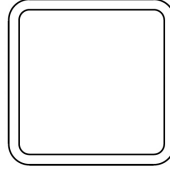
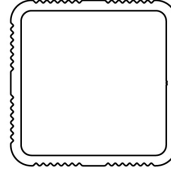
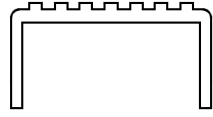
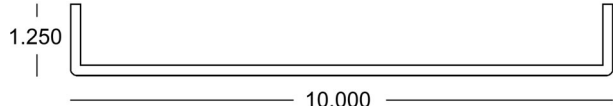
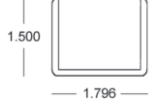
52-63-10441 x 8' CLOSEOUT

6063-T6 Mill Finish

Mates with 30-63-120

(12" Self Mating Deck)



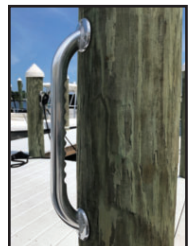
Dock Support Beam 6061-T6 Mill Finish 30-61-110 x 20' 30-61-113 (NC/DE) x 28' 30-61-111 x 25' 30-61-112 (NC/DE) x 32'	Dock Support Beam with Lip 6061-T6 Mill Finish 30-61-108 x 28' 30-61-132 x 32'	Dock Support Beam with Return 6061-T6 Mill Finish 30-61-133 x 28'	Gangway Beam with Lip Mill Finish 30-61-115 x 20' 6005A-T61 30-61-118 (NC/DE) x 28' 6061-T6 30-61-128 x 28' 6005A T61	Gangway Beam with Return 6061-T6 Mill Finish 30-61-131 (NC) x 20' 30-61-130 x 28'
				
Boat Dock Connector 6061-T6 Mill Finish 30-61-120 x 12' accepts 1-1/2" SCH 40 pipe	Square Tube (Radius Corners) 6061-T6 Mill Finish 52-61-1768 (NC) 2 x 1/8 x 32' 19-61-534 (NC/MO) 2.7 x 1/8 x 20' <i>Mates with 19-61-535</i> 19-61-535 (NC/TX/MO/DE) 3" x 1/8" x 20' <i>Mates with 19-61-534</i>	Ribbed Square Tube (Radius Corners) 6005-T5 Mill Finish 30-05-200 (NC/DE) 2" x 1/8" x 32' 30-05-205 (NC/DE) 3" x 1/8" x 20'	2 x 1 Ladder Rung x 20' 6005A-T61 Mill Finish 40-05-100 Additional Ladder Rung Also Available	
				
10" Side Channel x 24' 6063-T6 Mill Finish 30-63-140 Wall: .188		End Cap Channel x 24' 6063-T6 Mill Finish 30-63-135 Wall: .125		Aluminum Rectangular Bar Grating <u>Special Order</u> Various Sizes Available Upon Request
				

Grip Rail

Code	Description	Code	Description
GR-12	12" Polished & Anodized	GRM-12	12" Mill Finish
GR-14	14" Polished & Anodized	GRM-14	14" Mill Finish
GR-18	18" Polished & Anodized	GRM-18	18" Mill Finish
GR-24	24" Polished & Anodized	GRM-24	24" Mill Finish
GR-36	36" Polished & Anodized	GRM-36	36" Mill Finish



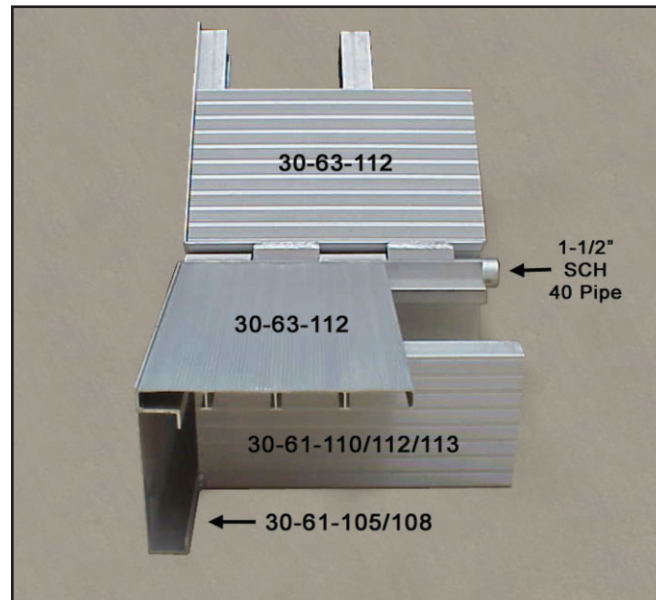
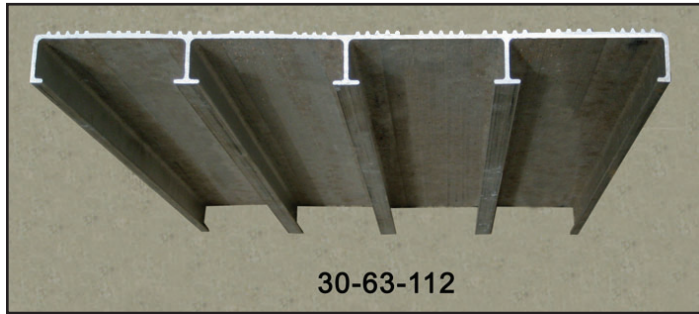
Grip Rails



Dock, Ramp and Gangway Systems Assembly

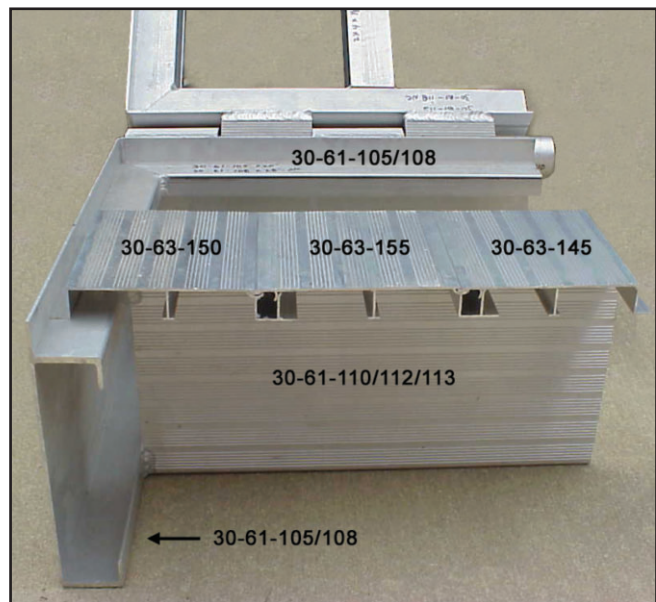
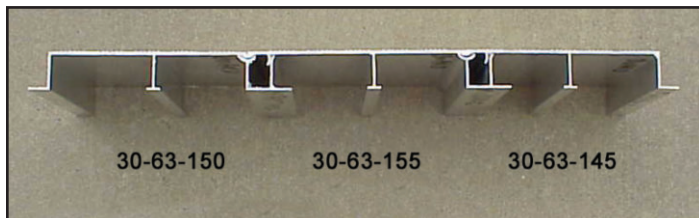
12" Dock Flooring

- 30-63-112: 12" Dock Flooring
- 30-61-110/112/113: Dock Support Beam
- 30-61-105/108: Dock Support Beam with Lip
- 18-63-235: 1-1/2" SCH 40 Pipe x 20'



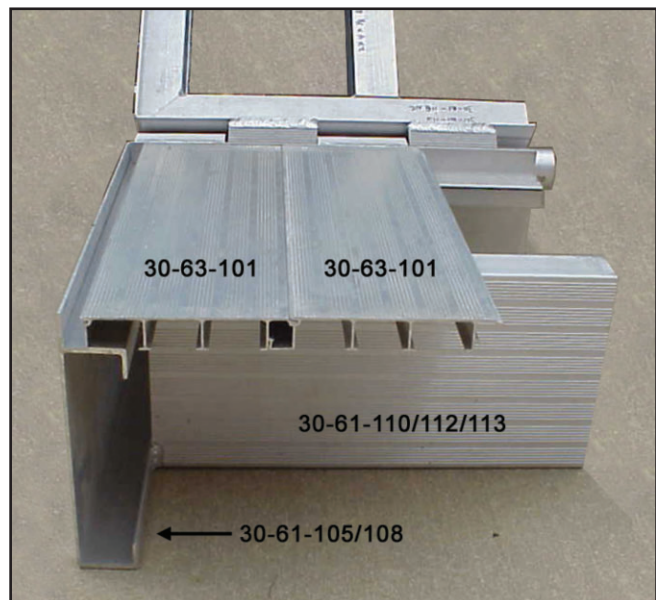
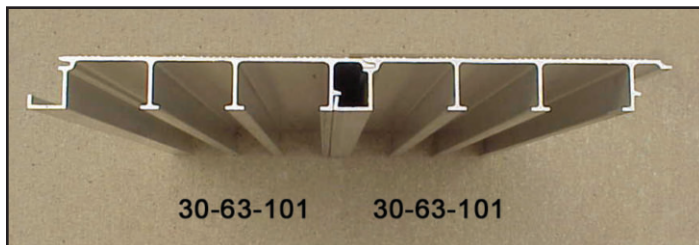
Three Piece Interlocking System

- 30-63-150: Three Piece Starting Board
- 30-63-155: Three Piece Interlocking Board
- 30-63-145: Three Piece Finishing Board
- 30-61-110/112/113: Dock Support Beam
- 30-61-105/108: Dock Support Beam with Lip



One Piece Self Mating System

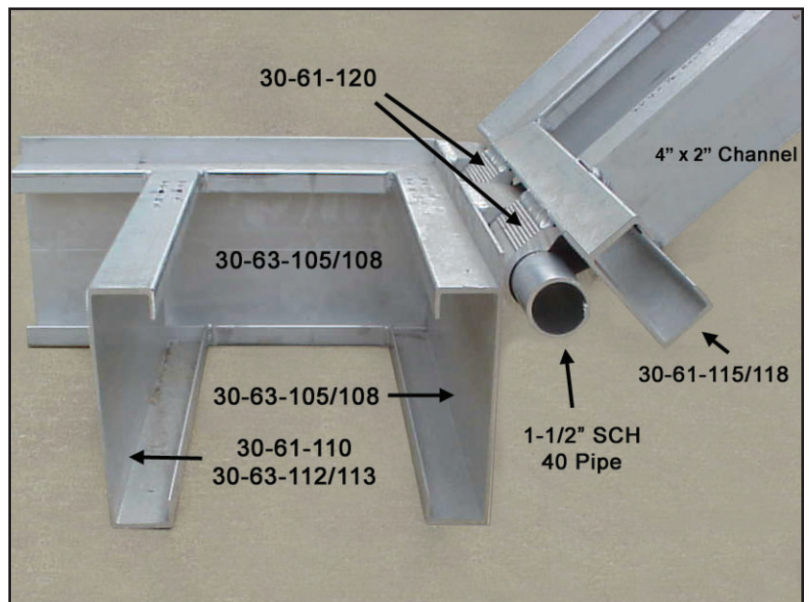
- 30-63-101: Dock Flooring (Self Mating)
- 30-61-110/112/113: Dock Support Beam
- 30-61-105/108: Dock Support Beam with Lip



Dock, Ramp and Gangway Systems Assembly

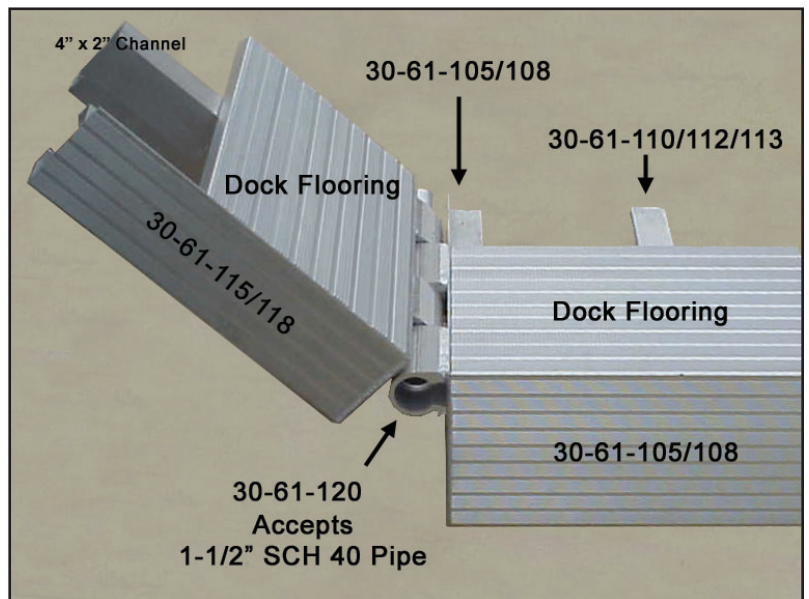
Dock Assembly (Inside View)

- 30-61-120: Boat Dock Connector
- 30-61-110/112/113: Dock Support Beam
- 30-61-105/108: Dock Support Beam with Lip
- 30-61-115/118: Gangway Beam with Lip
- 18-63-235: 1-1/2" SCH 40 Pipe x 20'
- 4" x 2" Structural Channel



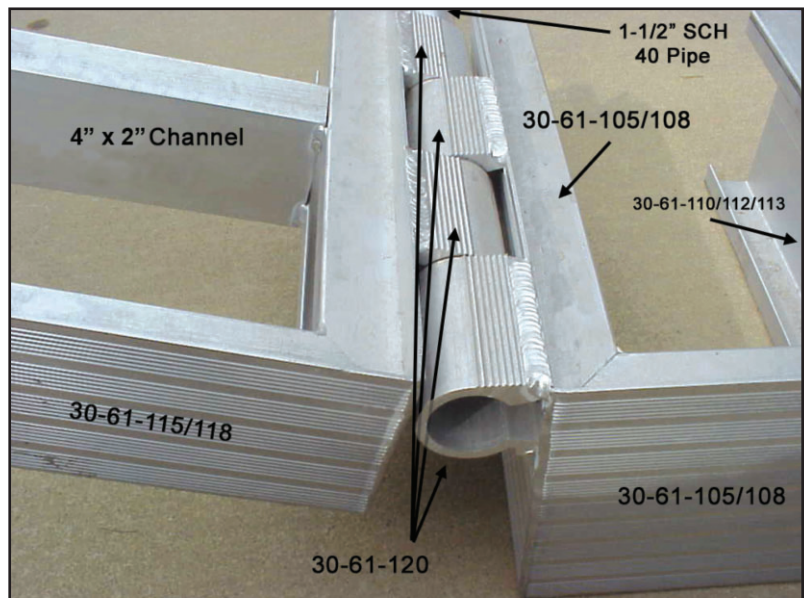
Dock Assembly (Outside View)

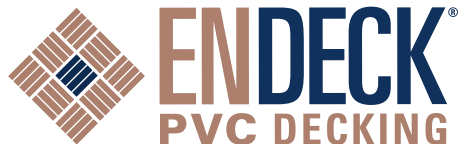
- 30-61-120: Boat Dock Connector
- 30-61-110/112/113: Dock Support Beam
- 30-61-105/108: Dock Support Beam with Lip
- 30-61-115/118: Gangway Beam with Lip
- 18-63-235: 1-1/2" SCH 40 Pipe x 20'
- 4" x 2" Structural Channel



Dock Assembly (Hinge View)

- 30-61-120: Boat Dock Connector
- 30-61-110/112/113: Dock Support Beam
- 30-61-105/108: Dock Support Beam with Lip
- 30-61-115/118: Gangway Beam with Lip
- 18-63-235: 1-1/2" SCH 40 Pipe x 20'
- 4" x 2" Structural Channel





FOREST SERIES

Capped Cellular PVC Deck Board & Fascia - Variegated Colors

1" x 5.5" Deck Boards: 60 pc Master Bundles

7/16" x 11-7/8" Fascia: 39 pc Master Bundles

No Need to Paint Endeck! Information provided for matching items you may wish to paint.

FOREST SERIES COLOR MATCHING

CEDAR - BEHR ULTRA BASE: UL 203 (8 oz)

CLRNT	EL	FL	KXL	TL
OZ	0	0	0	0
384th	49	87	9	189

Bar Code: 634617392260

CHESTNUT - BEHR ULTRA BASE: UL 203 (8 oz)

CLRNT	EL	FL	KXL	TL
OZ	0	0	0	0
384th	107	73	75	80

Bar Code: 634617392293

SEQUOIA - BEHR ULTRA BASE: UL 203 (8 oz)

CLRNT	EL	FL	KXL	TL
OZ	0	0	0	0
384th	119	71	45	101

Bar Code: 634617391625

COASTAL GREY - BEHR ULTRA BASE: UL 200 (8 oz)

CLRNT	BL	CL	RL
OZ	0	0	0
384th	30	11	4

Bar Code: 634617391627

SLATE - BEHR BASE: PP104 (8 oz)

CLRNT	DL	EL	FL
OZ	0	0	0
384th	51	95	89

Bar Code: 634617391621

WOODLAND SERIES

Capped Cellular PVC Deck Board & Fascia - Solid, Non-Variegated Colors

1" x 5.5" Deck Boards: 60 pc Master Bundles

7/16" x 11-7/8" Fascia: 39 pc Master Bundles

No Need to Paint Endeck! Information provided for matching items you may wish to paint.

WOODLAND SERIES COLOR MATCHING

ASHWOOD - BEHR ULTRA BASE: UL 200 (8 oz)

CLRNT	BL	CL	RL
OZ	0	0	0
384th	30	11	4

Bar Code: 634617391627

BEECHWOOD - BEHR ULTRA BASE: UL 204 (8 oz)

CLRNT	AXL	LL	RL
OZ	0	0	0
384th	26	73	2

Bar Code: 634617391628

OLIVEWOOD - BEHR ULTRA BASE: UL 203 (8 oz)

CLRNT	CL	EL	RL
OZ	0	0	0
384th	86	23	51

Bar Code: 634617392259

	CEDAR 1" x 5.5" Deck Boards FS-CD-144 Board x 12' FS-CD-192 Board x 16' FS-CD-240 Board x 20' 7/16" x 11-7/8" Fascia FSFB-CD-144 Fascia x 12'
	CHESTNUT 1" x 5.5" Deck Boards FS-CN-144 Board x 12' FS-CN-192 Board x 16' FS-CN-240 Board x 20' 7/16" x 11-7/8" Fascia FSFB-CN-144 Fascia x 12'
	SEQUOIA 1" x 5.5" Deck Boards FS-SQ-144 Board x 12' FS-SQ-192 Board x 16' FS-SQ-240 Board x 20' 7/16" x 11-7/8" Fascia FSFB-SQ-144 Fascia x 12'
	COASTAL GREY 1" x 5.5" Deck Boards FS-CG-144 Board x 12' FS-CG-192 Board x 16' FS-CG-240 Board x 20' 7/16" x 11-7/8" Fascia FSFB-CG-144 Fascia x 12'
	SLATE 1" x 5.5" Deck Boards FS-SL-144 Board x 12' FS-SL-192 Board x 16' FS-SL-240 Board x 20' 7/16" x 11-7/8" Fascia FSFB-SL-144 Fascia x 12'
	ASHWOOD 1" x 5.5" Deck Boards WS-AW-144 Board x 12' WS-AW-192 Board x 16' WS-AW-240 Board x 20' 7/16" x 11-7/8" Fascia WSFB-AW-144 Fascia x 12'
	BEECHWOOD 1" x 5.5" Deck Boards WS-BW-144 Board x 12' WS-BW-192 Board x 16' WS-BW-240 Board x 20' 7/16" x 11-7/8" Fascia WSFB-BW-144 Fascia x 12'
	OLIVEWOOD 1" x 5.5" Deck Boards WS-OW-144 Board x 12' WS-OW-192 Board x 16' WS-OW-240 Board x 20' 7/16" x 11-7/8" Fascia WSFB-OW-144 Fascia x 12'



EASTERN METAL SUPPLY

FL: 800-432-2204 • NC/DE/GA: 800-343-8154 • TX/LA: 800-996-6061 • MO/OH/IN: 888-822-6061

DOCK 06
04/06/23

www.endeck.com



Endeck Capped Cellular PVC Decking



ENDECK
PVC DECKING

STARBORN

Headcote® Deck Screws

305 Stainless Steel - #10 x 2-1/2"

Each Pack Includes Screws and 1 Tool

Color	305 SS (350 pcs)	305 SS (1050 pcs)	305 SS (1750 pcs)
Cedar	CD2305350	CD23051050	CD23051750
Chestnut	CN2305350	CN23051050	CN23051750
Sequoia	SQ2305350	SQ23051050	SQ23051750
Coastal Grey	CG2305350	CG23051050	CG23051750
Slate	SL2305350	SL23051050	SL23051750
Ashwood	AW2305350	AW23051050	AW23051050
Beechwood	BW2305350	BW23051050	BW23051750
Olivewood	OW2305350	OW23051050	OW23051750

316 Stainless Steel Available by Request



305 Stainless Steel
Headcote® Deck Screws
#10 x 2-1/2"

Screw Depth Setter

Code	Description
BDA565A	Screw Depth Setter - Flush (1 Tool)



Screw Depth
Setter

Headcote® Trim Head Fascia Screws

305 Stainless Steel - #7 x 1-5/8"

350 pc Packs Include Screws and 1 Bit

Color	100 pcs	350 pcs
Cedar	CD3305100	CD3305400
Chestnut	CN3305100	CN3305400
Sequoia	SQ3305100	SQ3305400
Coastal Grey	CG3305100	CG3305400
Slate	SL3305100	SL3305400
Ashwood	AW3305100	AW3305400
Beechwood	BW3305100	BW3305400
Olivewood	OW3305100	OW3305400

316 Stainless Steel Available by Request



305 Stainless Steel
Headcote® Fascia Screws
#7 x 1-5/8"

Pro-Plug® Kits (Plugs and Screws)

305 Stainless Steel - #10 x 2-1/2"

Each Kit Includes Screws, Plugs and 1 Tool

Color	350 Screws	1050 Screws
	375 Plugs	1125 Plugs
Cedar	CD1305350	CD13051050
Chestnut	CN1305350	CN13051050
Sequoia	SQ1305350	SQ13051050
Coastal Grey	CG1305350	CG13051050
Slate	SL1305350	SL13051050
Ashwood	AW1305350	AW13051050
Beechwood	BW1305350	BW13051050
Olivewood	OW1305350	OW13051050

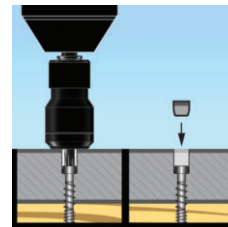


Pro-Plug® Kit

Pro-Plug® Screw Depth Setter

Code	Description
BDA580	Pro-Plug® Screw Depth Setter - Plug Depth (1 Tool)

Pro-Plug®
Screw Depth
Setter



DECK AREA COVERAGE	
Deck Screws & Pro-Plug	
Based on 16" Joist Spacing	
Pack Size	Coverage
350	100 SF
1050	300 SF
1750	500 SF

Fascia Screws	
Pack Size	Coverage
100	40 LF
350	140 LF



EASTERN METAL SUPPLY
FL: 800-432-2204 • NC/DE/GA: 800-343-8154 • TX/LA: 800-996-6061 • MO/OH/IN: 888-822-6061

DOCK 07
02/20/23

www.endeck.com





SURE-STEP™

DOCK & DECKING

Available from **EASTERN METAL SUPPLY**

PLUS SERIES

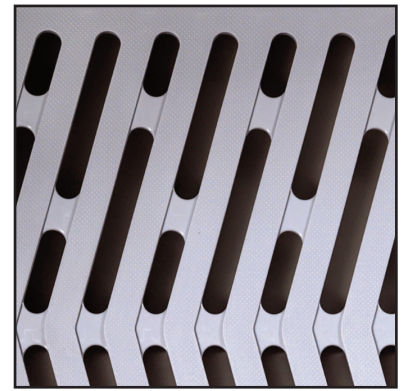
SURE-STEP PLUS PANELS - 1.20" x 12.00"

• 148 pieces per pallet (all sizes)

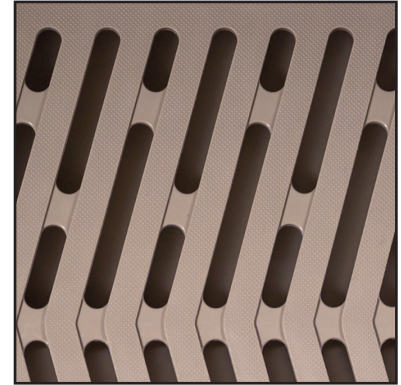
Color	Sure Step x 36"	Sure Step x 48"	Sure Step x 60"
GRAY	SSP-GR-1236	SSP-GR-1248	SSP-GR-1260
KHAKI	SSP-KA-1236	SSP-KA-1248	SSP-KA-1260
TAN	SSP-TN-1236	SSP-TN-1248	SSP-TN-1260

White available as a SPECIAL ORDER

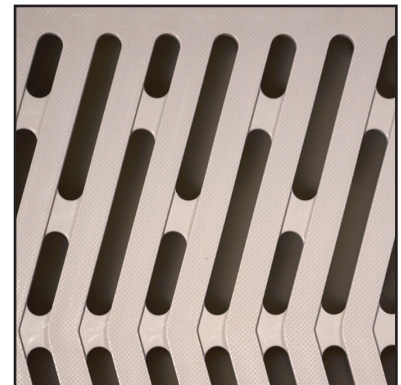
2' x 1' and 6' x 1' Panels Also available as a SPECIAL ORDER



GRAY



KHAKI



TAN

SURE-STEP PLUS STARTER BOARDS - 1.20" x 12.00"

• 24 pieces per pallet (all sizes)

Color	Sure Step x 36"	Sure Step x 48"	Sure Step x 60"
GRAY	SSPS-GR-1236	SSPS-GR-1248	SSPS-GR-1260
KHAKI	SSPS-KA-1236	SSPS-KA-1248	SSPS-KA-1260
TAN	SSPS-TN-1236	SSPS-TN-1248	SSPS-TN-1260

White available as a SPECIAL ORDER



SURE-STEP FEATURES AND BENEFITS

- 3', 4' and 5' lengths in stock; 2' and 6' lengths coming soon
- Impact resistance exceeds competition
- ADA compliant non-slip surface
- Excellent light penetration for environmentally sensitive areas
- Withstands storm surges
- Minimizes damage from wave and wind forces

Our products are:

- Cool and barefoot friendly
- Lightweight and easy to install
- Durable and long lasting
- Recyclable
- Made without fiberglass, less likely to fade

Manufactured since 1989, Sure Step is manufactured to ISO 9001:2015 standards. Robust testing protocols along with a limited lifetime warranty exceeding most competitors offers you the assurance of a quality product.



EASTERN METAL SUPPLY

DOCK 08
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PLUS SERIES Specifications and Measurements

Base material is 100% virgin polypropylene; Installation instructions available.

Thickness: Plus Series - 1.2" for all sizes (1" thick Standard Series available by Special Order)

Sizes: (tolerance +/- 1/8") 3' x 1' (18" Spans) 4' x 1' (16" Spans) 5' x 1' (15" Spans)

PANELS #: **SSP-COLOR-1236** **SSP-COLOR-1248** **SSP-COLOR-1260**

STARTER BOARDS #: **SSPS-COLOR-1236** **SSPS-COLOR-1248** **SSPS-COLOR-1260**

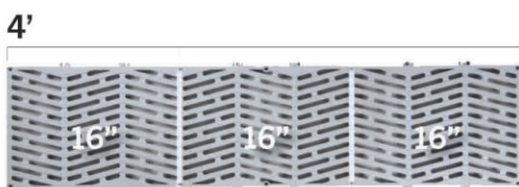
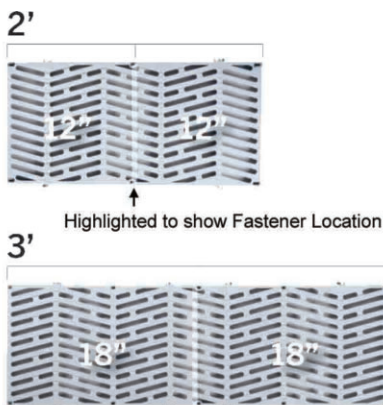
Colors: Gray (GR), Khaki (KA), Tan (TN); White (WH) available as a SPECIAL ORDER

PANELS are also available in 2' x 1' (12" spans) and 6' x 1' (14.25" spans) sizes as a SPECIAL ORDER

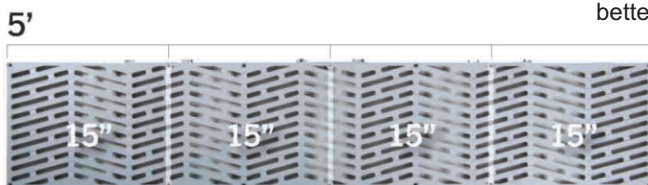
Light availability at 18" height, 53%; at 60" height, 82% - High UV stabilizer additives

Independent test data available; Load Capacity, Impact Strength, Flexural Properties,

Light Availability, Creep Recovery, Coefficient of Friction, Coefficient of Linear Thermal Expansion



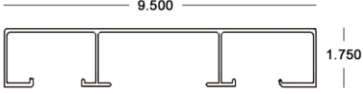
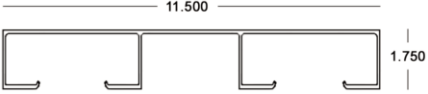
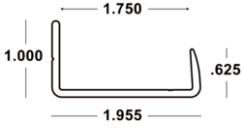
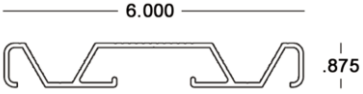
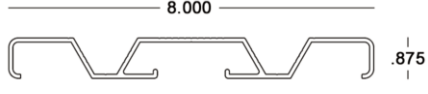
Top Left: Sure-Step's slotted surface and built in expansion and contraction system hold its original shape even during storms



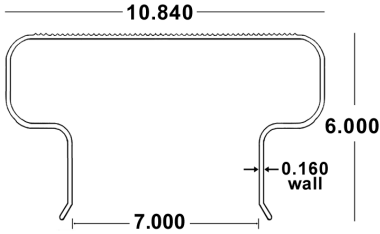
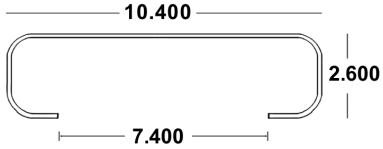
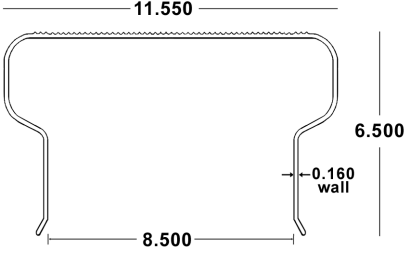
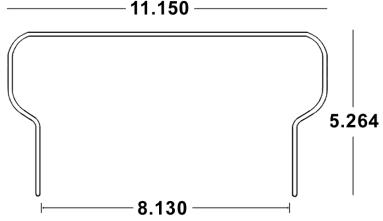
Right: Sure Step is engineered to perform much better than wooden dock surfaces under the pressures of storm surges.



BLEACHER SHAPES

9.5" Bleacher Plank B-1 6063 T6 M/F wt/ft: 1.932 52-63-7632 x 21' 52-63-5888 x 30' 	11.5" Bleacher Plank B-2 6063 T6 M/F wt/ft: 2.13 52-63-4283 x 16' 52-63-6118 x 20' 52-63-13304 x 24' 52-63-13658 x 32' 	Bleacher Plank End Cap x 12' 6063-T6 Mill Finish 52-63-6786 
6" Toe Kick Board x 30' 52-63-5892 6063 T6 M/F wt/ft: 1.082 	8" Toe Kick Board MILL ORDER 52-63-13576 wt/ft: 1.274 	2 x 1.25 Slotted Bleacher Clip BLEACHER-CLIP 500 pc box For 9.5" Bleacher Plank 6063-T6 Mill Finish 

SEAWALL CAPS & SLEEVES

7" Bulkhead Cap x 20' 52-61-2780 (Serrated Top) 6005-T5 	7" Bulkhead Sleeve x 2' 52-61-2781 6005-T5 *90° Corners available upon request 
8" Bulkhead Cap x 20' 30-61-210 (Serrated Top) 6005-T5 	8" Bulkhead Sleeve x 2' 30-61-215* 6005-T5 *90° Corners available upon request 
Seawall Footer Self Mating MILL ORDER 52-61-1534 