DOCK AND DECK

EMS offers a wide selection of aluminum products for docks, ramps, gangways, and more, featuring non-skid finishes and various plank widths. For those seeking alternatives, EMS provides ENDECK PVC Decking and Sure-Step™ virgin polypropylene decking, both designed for durability, low maintenance, and aesthetic appeal. Browse our inventory and request a quote today to find the perfect decking solution for your needs.

DOCKS AND GANGWAYS

ENDECK

SURE STEP

SEAWALL

BLEACHER PLANKS

PROUD MEMBERS:

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"
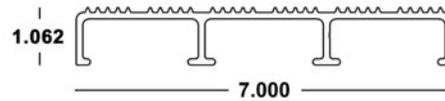6005-T5 Mill Finish; *Engineering available upon request*
30-63-112   Knurled
30-63-224   Non-Knurled

1.062 | 12.000
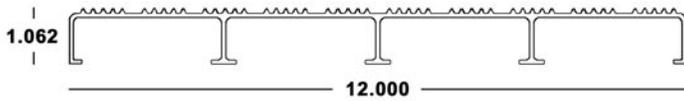
7" Step x 24' 1"
6005-T5 Mill Finish
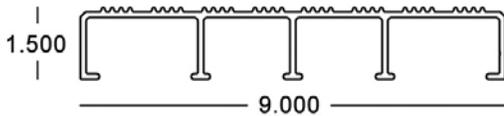**30-61-116**

1.062 | 7.000

9" Deck x 24'
6063-T6 Mill Finish Knurled
MILL ORDER 52-63-13776

1.500 | 9.000

12" Step with Insert x 12' 3"
6063-T6 Mill Finish
30-63-115

12.000 | 1.500 | 0.104 opening
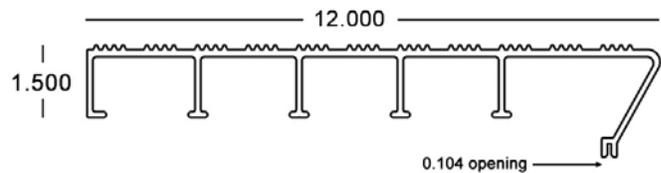
11.125" x 1.5" Decking
MILL ORDER *52-63-13422*

11.125 | 1.500
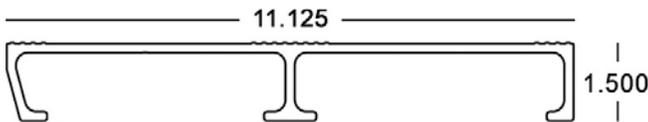
3-1/2" x 16" Walk Board   6005A-T61; *Mates with End Cap 30-EC-000*
*Custom Lengths Available; Sandblasted Finish Available as a Special Order*

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'

16.000 | 3.500

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

1.00 | 16.00 | 16.00 | 96.00

16" WALK BOARD

31-61-STIFF .090" X 16" X 16" SHEET (PRE DRILLED FOR 1/4" FASTENERS)

31-61-STIFF .090" X 16" X 16" SHEET (PRE DRILLED FOR 1/4" FASTENERS)

• **7' - 8' Free Span Application**
Requires 2 Stiffeners 16" apart

• **8' to 10' Free Span Application**
Requires 3 Stiffeners 16" apart
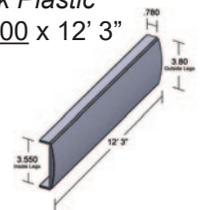
Start the first Stiffener 1" from the end of span to allow for End Cap.
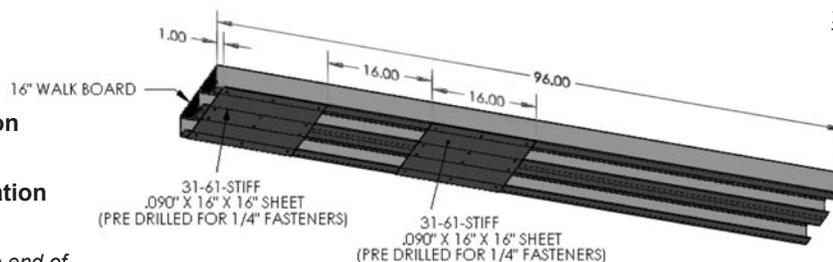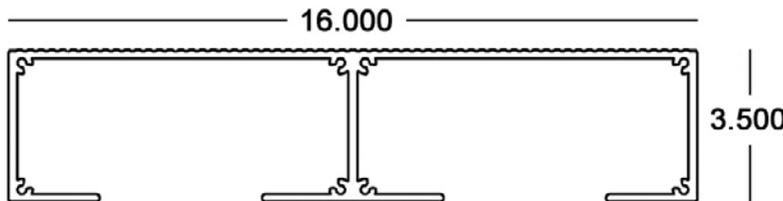
16" Walk Board End Cap
UV Black Plastic
30-EC-000 x 12' 3"

.780 | 3.80 Outside Legs | 3.550 Inside Legs | 12' 3"

16" Walk Board Stiffener
31-61-STIFF
.090 x 16" x 16"
Predrilled with 1/4" holes

EASTERN METAL SUPPLY

DOCK & DECK 02
10/17/24

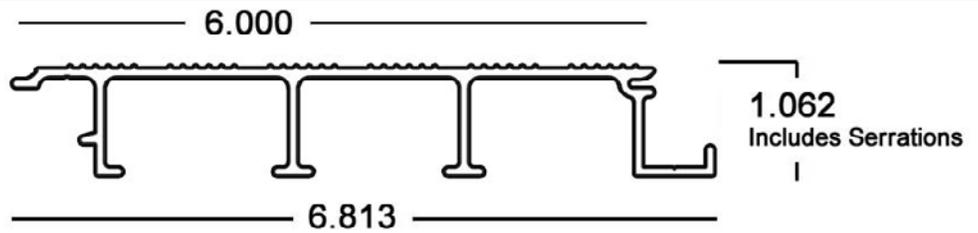www.easternmetal.com

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

EMS DELIVERING MORE

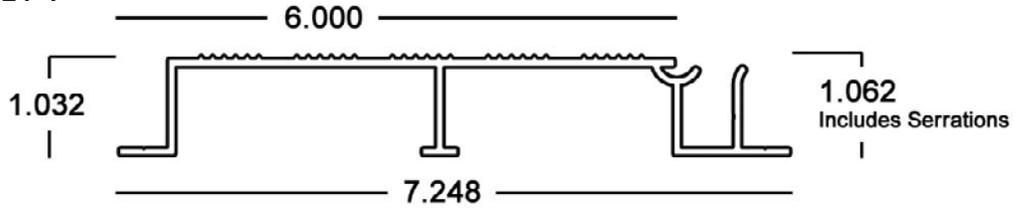## Two Piece Self Mating Dock Flooring x 24' 1"
6063-T6 Mill Finish; Knurled
30-63-101

- 6.000
- 6.813
- 1.062 Includes Serrations

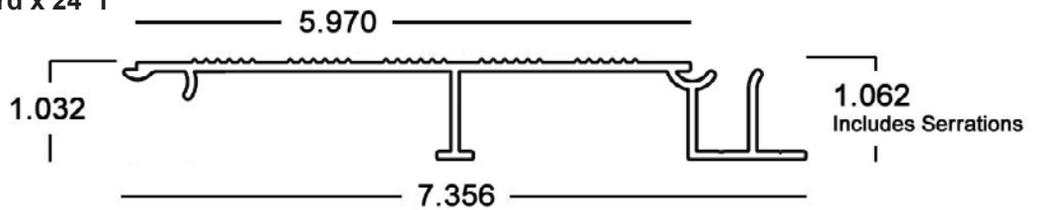## Three Piece Starting Board x 24' 1"
6063-T6 Mill Finish; Knurled
30-63-150 (NC)
Mates with 30-63-145 and 30-63-155)

- 6.000
- 7.248
- 1.032
- 1.062 Includes Serrations

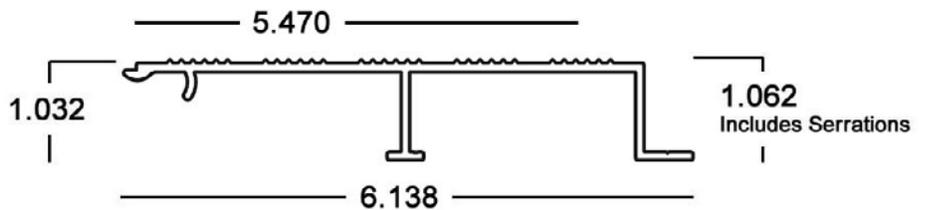## Three Piece Interlocking Board x 24' 1"
6063-T6 Mill Finish; Knurled
30-63-155 (NC)
Self Mating;
Mates with 30-63-145 and 30-63-155)

- 5.970
- 7.356
- 1.032
- 1.062 Includes Serrations

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)

- 5.470
- 6.138
- 1.032
- 1.062 Includes Serrations

Three Piece Interlocking Deck Boards
Properties & Span Limits

DESCRIPTION	PART #	MATERIAL	AREA	INERTIA	SECTION
STARTING BOARD	30-63-150	6063-T6	0.893 in²	0.135 in4	0.196 in³
INTERLOCKING BOARD	30-63-155	6063-T6	0.870 in²	0.112 in4	0.148 in³
FINISHING BOARD	30-63-145	6063-T6	0.697 in²	0.076 in4	0.094 in³

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)

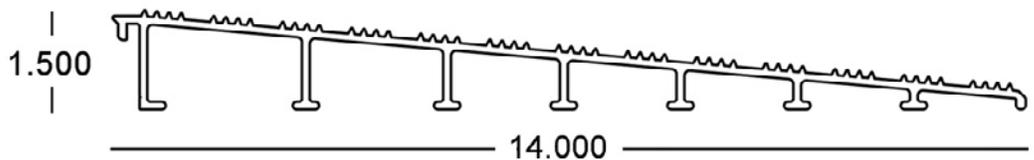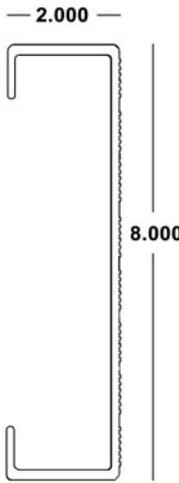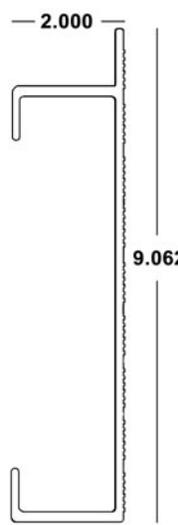- 12.000
- 12.250
- 1.500
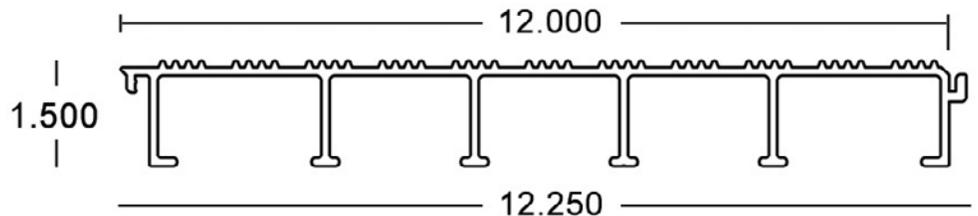
14" Transition Ramp x 12' 1"
52-63-14510
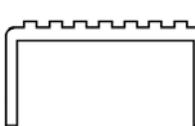**52-63-10441** x 8' CLOSEOUT
6063-T6 Mill Finish
Mates with 30-63-120
(12" Self Mating Deck)

- 14.000
- 1.500

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'

2.000
8.000

Dock Support Beam with Lip
6061-T6 Mill Finish
30-61-108 x 28'
30-61-132 x 32'

2.000
9.062

Dock Support Beam with Return
6061-T6 Mill Finish
30-61-133 x 28'

.625
1.110
9.247
2.000
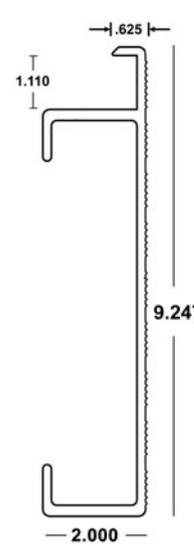
Gangway Beam with Lip
Mill Finish
30-61-115 x 20'
6005A-T61
30-61-118 (NC/DE) x 28'
6061-T6
30-61-128 x 28'
6005A T61

2.000
5.062
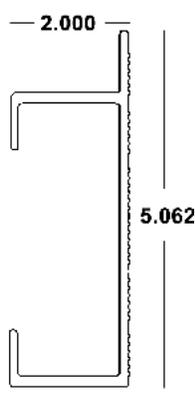
Gangway Beam with Return
6061-T6 Mill Finish
30-61-131 (NC) x 20'
30-61-130 x 28'

.625
1.110
5.247
2.000

Boat Dock Connector
6061-T6 Mill Finish
30-61-120 x 12'
accepts 1-1/2" SCH 40 pipe
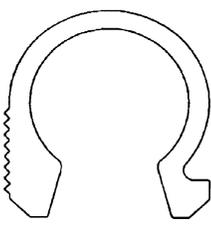
Square Tube (Radius Corners) 6061-T6 Mill Finish
52-61-1768 (NC) 2 x 1/8 x 32'
19-61-534 (NC/MO) 2.7 x 1/8 x 20'
Mates with 19-61-535
19-61-535 (NC/TX/MO/DE)
3" x 1/8" x 20'
Mates with 19-61-534
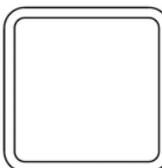
Ribbed Square Tube
(Radius Corners)
6005-T5 Mill Finish
30-05-200 (NC/DE)
2" x 1/8" x 32'
30-05-205 (NC/DE)
3" x 1/8" x 20'
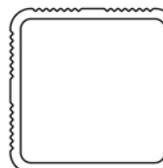
2 x 1 Ladder Rung x 20'
6005A-T61 Mill Finish
40-05-100
Additional Ladder Rung Also Available

10" Side Channel x 24'
6063-T6 Mill Finish
30-63-140   Wall: .188

1.250
10.000
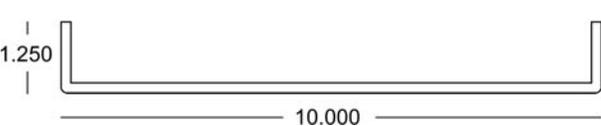
End Cap Channel x 24'
6063-T6 Mill Finish
30-63-135   Wall: .125

1.500
1.796
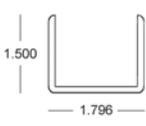
Aluminum Rectangular Bar Grating   Special Order
Various Sizes Available Upon Request

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

EMS DELIVERING MORE
EASTERN METAL SUPPLY
DOCK & DECK 04
06/08/24
www.easternmetal.com
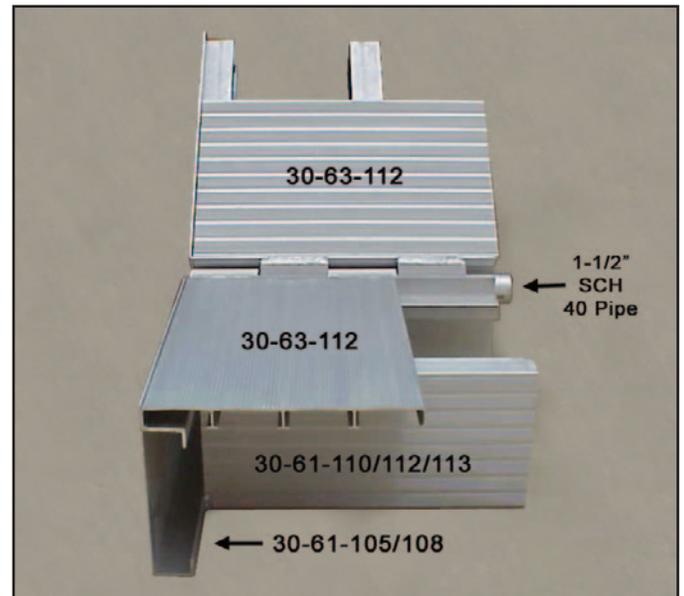FL: 800-432-2204 • NC/DE/GA: 800-343-8154 • TX/LA: 800-996-6061 • MO/OH/IN: 888-822-6061

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'

30-63-112

30-63-112
30-63-112
1-1/2" SCH 40 Pipe
30-61-110/112/113
30-61-105/108
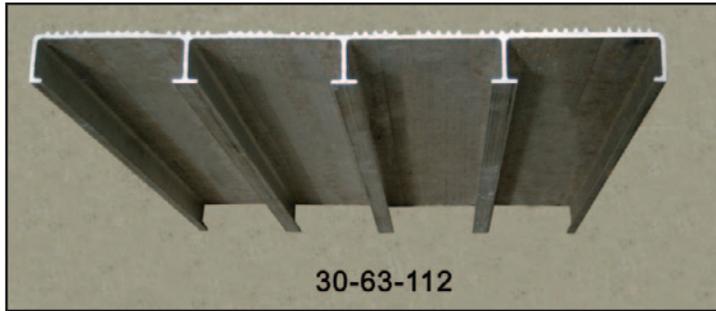
Three Piece Interlocking System

- 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

30-63-150   30-63-155   30-63-145

30-61-105/108
30-63-150   30-63-155   30-63-145
30-61-110/112/113
30-61-105/108
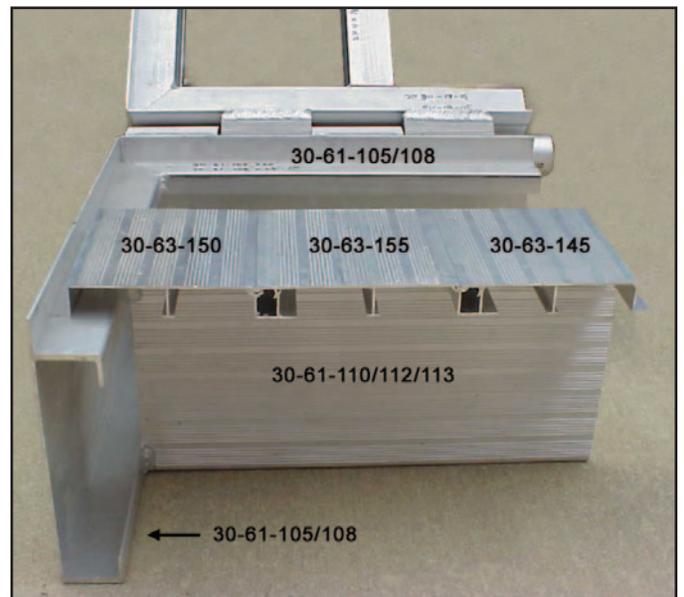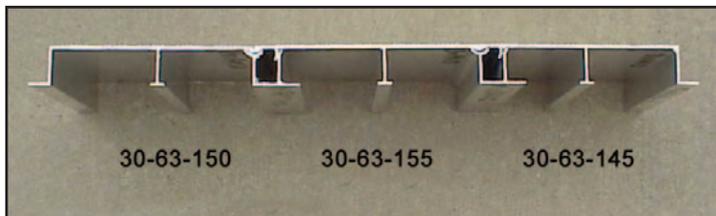
One Piece Self Mating System

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

30-63-101   30-63-101

30-63-101   30-63-101
30-61-110/112/113
30-61-105/108

EMS DELIVERING MORE
EASTERN METAL SUPPLY
DOCK & DECK 05
06/08/24
www.easternmetal.com
FL: 800-432-2204 • NC/DE/GA: 800-343-8154 • TX/LA: 800-996-6061 • MO/OH/IN: 888-822-6061
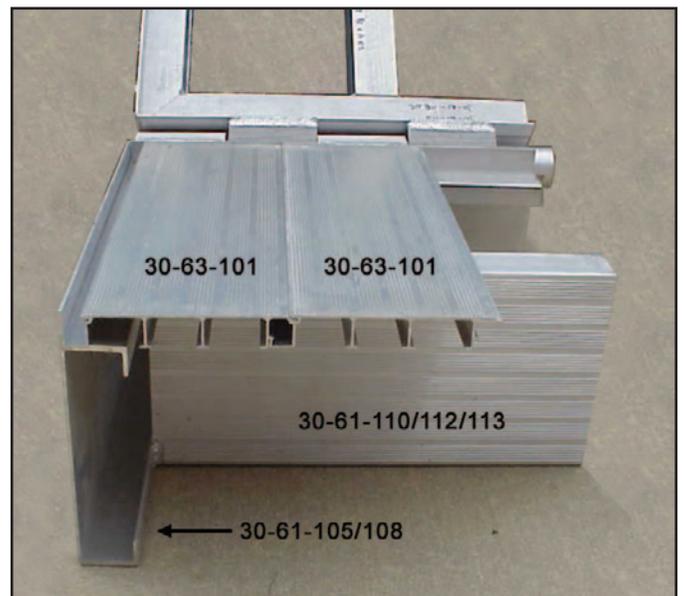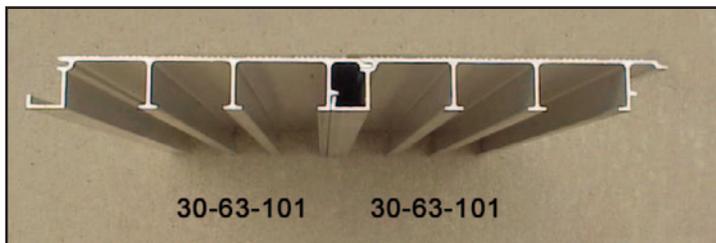
Dock, Ramp and Gangway Systems Assembly

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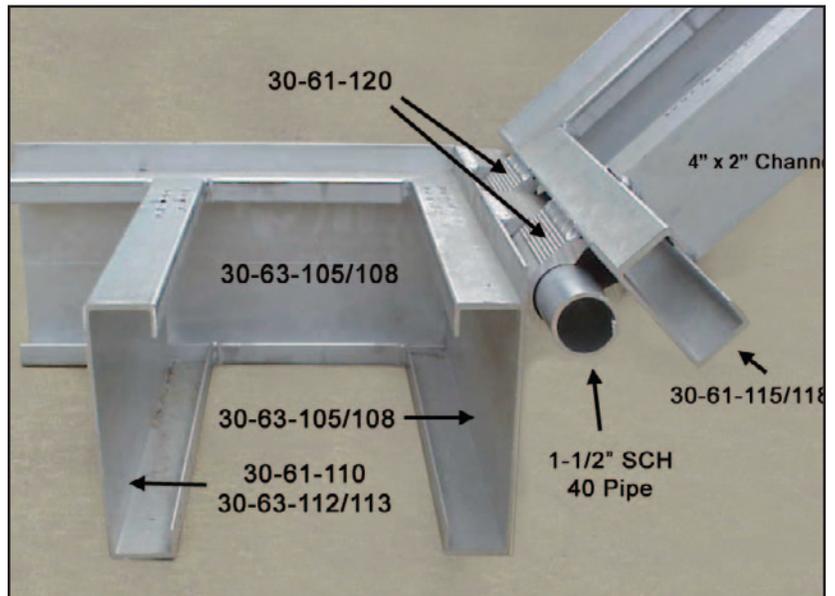
Dock Assembly (Outside View)
- 30-61-120: Boat Dock Connector
- 30-61-110/112/113: Dock Support Beam
- 30-61-105/108: Dock Support Beam with Lip
- 30-61-115/118: Gangway Beam with Lip
- 18-63-235: 1-1/2" SCH 40 Pipe x 20'
- 4" x 2" Structural Channel

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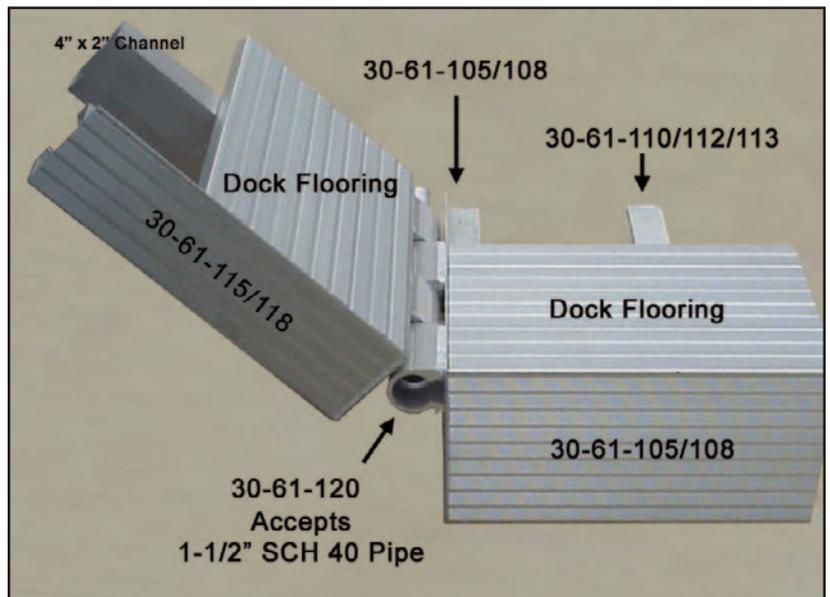- 30-61-105/108: Dock Support Beam with Lip
- 30-61-115/118: Gangway Beam with Lip
- 18-63-235: 1-1/2" SCH 40 Pipe x 20'
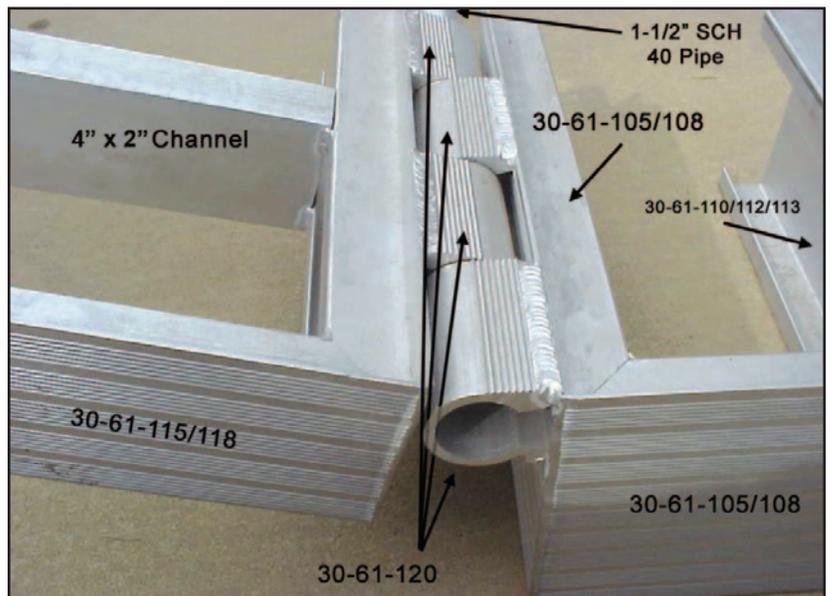- 4" x 2" Structural Channel

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 9853 (8 oz)

CLRNT	CL	FL	KXL	LL
OZ	0	0	0	2
384th	**61**	**18**	**186**	**310**

Bar Code: 080424627329

CHESTNUT - BEHR ULTRA BASE: UL 9853 (8 oz)

CLRNT	BL	FL	KXL	LL
OZ	0	0	0	2
384th	**78**	**15**	**220**	**261**

Bar Code: 080424627332

SEQUOIA - BEHR ULTRA BASE: UL 9853 (8 oz)

CLRNT	EL	FL	KXL	YL
OZ	1	1	0	0
384th	**20**	**104**	**361**	**89**

Bar Code: 080424627330

COASTAL GREY - BEHR ULTRA BASE: UL 9854 (8 oz)

CLRNT	CL	EL	FL
OZ	0	0	0
384th	**38**	**60**	**35**

Bar Code: 080424627328

SLATE - BEHR ULTRA BASE: UL 9853 (8 oz)

CLRNT	DL	EL	FL	KXL
OZ	0	0	0	2
384th	**62**	**308**	**181**	**23**

Bar Code: 080424627331

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 9850 (8 oz)

CLRNT	CL	EL	FL
OZ	0	0	0
384th	**40**	**91**	**51**

Bar Code: 080424627326

BEECHWOOD - BEHR ULTRA BASE: UL 9854 (8 oz)

CLRNT	CL	EL	RL
OZ	0	0	0
384th	**150**	**29**	**58**

Bar Code: 080424627333

OLIVEWOOD - BEHR ULTRA BASE: UL 9854 SATIN (8 oz)

CLRNT	CL	EL	IL
OZ	0	0	0
384th	**199**	**71**	**206**

Bar Code: 080424627334

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'
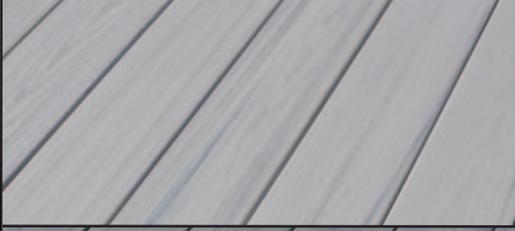
COASTAL GREY
1" x 5.5" Deck Boards
FS-CG-144   Board x 12'
FS-CG-192   Board x 16'
FS-CG-240   Board x 20'
7/16" x 11-7/8" Fascia
FSFB-CG-144   Fascia x 12'
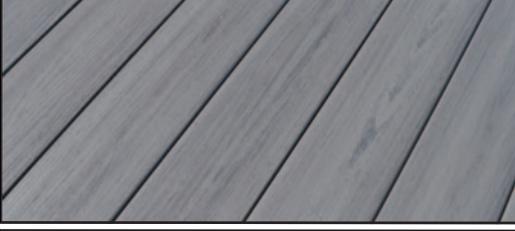
SLATE
1" x 5.5" Deck Boards
FS-SL-144   Board x 12'
FS-SL-192   Board x 16'
FS-SL-240   Board x 20'
7/16" x 11-7/8" Fascia
FSFB-SL-144   Fascia x 12'

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
EMS DELIVERING MORE
www.easternmetal.com
FL: 800-432-2204 • NC/DE/GA: 800-343-8154 • TX/LA: 800-996-6061 • MO/OH/IN: 888-822-6061

Endeck Capped Cellular PVC Decking

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 375 Plugs	1050 Screws 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
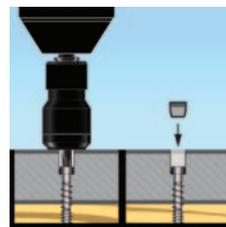
DECK AREA COVERAGE
Deck Screws & Pro-Plug
Based on 16" Joist Spacing

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

DOCK & DECK 08
06/08/24

www.easternmetal.com

EMS DELIVERING MORE

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

SURE·STEP
DOCK & DECKING
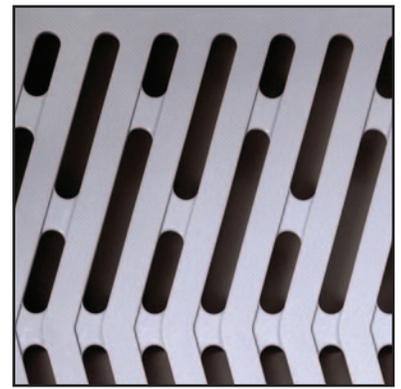Available from **EASTERN METAL SUPPLY**

PLUS SERIES

SURE·STEP PLUS PANELS - 1.20" x 12.00"
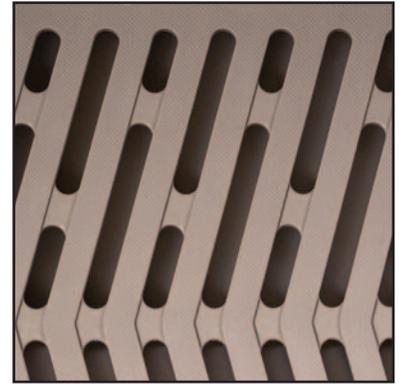
• **148 pieces per pallet (all sizes)**

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

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
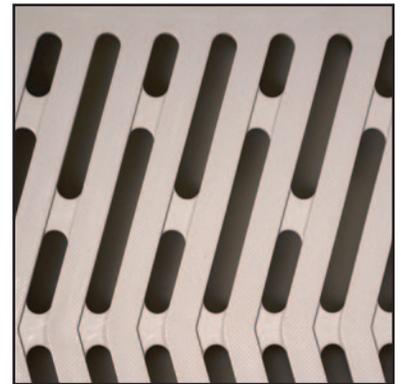
SURE·STEP FEATURES AND BENEFITS

• 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

GRAY

KHAKI

TAN

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.

EMS
DELIVERING MORE

EASTERN METAL SUPPLY

DOCK & DECK 09
06/08/24

www.easternmetal.com

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

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)

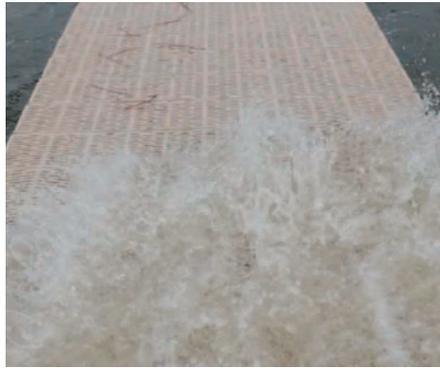| Sizes: (tolerance +/- 1/8")	3' x 1' (18" Spans)	4' x 1' (16" Spans)	5' x 1' (15" Spans)
PANELS #:	SSP-COLOR-1236	SSP-COLOR-1248	SSP-COLOR-1260
STARTER BOARDS #:	SSPS-COLOR-1236	SSPS-COLOR-1248	SSPS-COLOR-1260

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
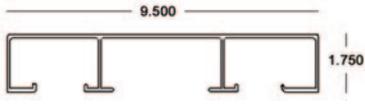

2' — Highlighted to show Fastener Location — 12" 12"

3' — 18" 18"

4' — 16" 16" 16"

5' — 15" 15" 15" 15"

6' — 14 1/4" 14 1/4" 14 1/4" 14 1/4" 14 1/4"
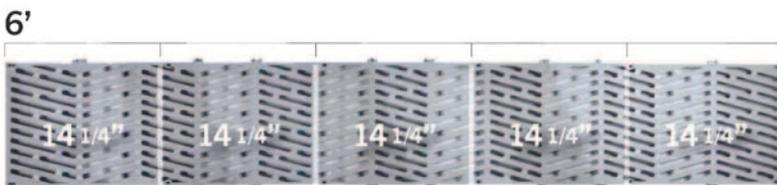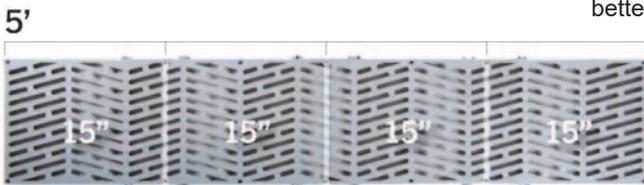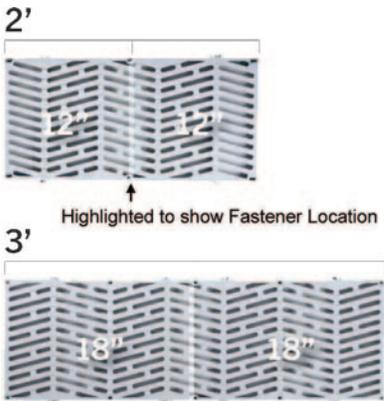
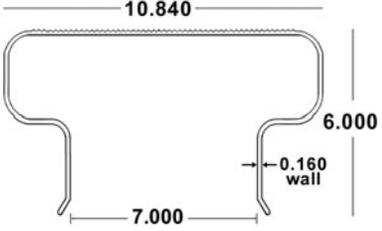Top Left: Sure-Step's slotted surface and built in expansion and contraction system hold its original shape even during storms

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'
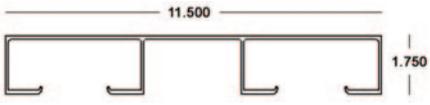
Bleacher Plank End Cap x 12'
6063-T6 Mill Finish
52-63-6786
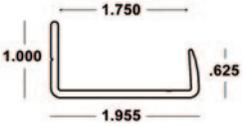
6" Toe Kick Board x 30'
52-63-5892
6063 T6 M/F   wt/ft: 1.082
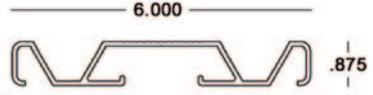
8" Toe Kick Board
MILL ORDER *52-63-13576*
wt/ft: 1.274
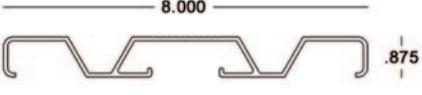
2 x 1.25 Slotted Bleacher Clip
BLEACHER-CLIP   500 pc box
For 9.5" Bleacher Plank
6063-T6 Mill Finish

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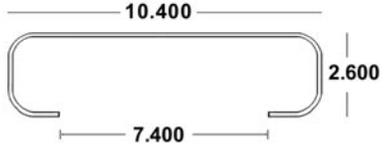
8" Bulkhead Cap x 20'
30-61-210
(Serrated Top)
6005-T5
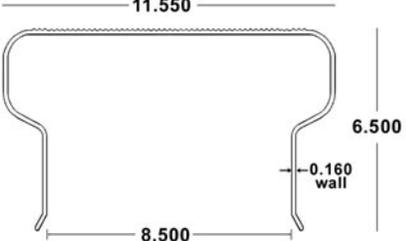
8" Bulkhead Sleeve x 2'
30-61-215*
6005-T5
*90° Corners
available upon request*
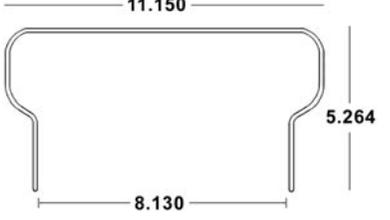
Seawall Footer   Self Mating
MILL ORDER *52-61-1534*