Flex-Deck System

Notes:
1. For use with SSP_Plank only.
2. Can be used with BrandSafway CupLok®, SafLock®, and Systems™ Scaffold.
3. Flex-Deck transoms are intended for light-duty applications of 25 psf or one (1) worker weighing 250 lb, including tools. Ensure SSP_Planks, horizontals, and vertical posts will support all applied loads.
4. Guard Rails (toprail and midrail) must be installed as shown in this manual. For any configuration not shown, contact BrandSafway Engineering.
5. SSP_Planks can support a maximum of two Flex-Deck supports. See page 4. Do not install Flex-Deck supports on both sides of one SSP_.
6. The sockets on the Flex-Deck supports and Flex-Deck Spigot are provided to support Flex-Deck Guard Rail posts only.
7. Install steel cable ties as shown on page 4.

⚠️ WARNING
PLEASE READ AND FOLLOW THESE INSTRUCTIONS BEFORE INSTALLING, USING, OR DISMANTLING THE FLEX-DECK SYSTEM. SERIOUS INJURY OR DEATH CAN RESULT FROM FAILURE TO FAMILIARIZE YOURSELF AND COMPLY WITH ALL APPLICABLE SAFETY REQUIREMENTS OF FEDERAL, STATE, LOCAL AND PROVINCIAL REGULATIONS.
INSTALLATION AND DISMANTLING MUST BE DONE UNDER THE SUPERVISION OF A COMPETENT PERSON EXPERIENCED IN SCAFFOLD ERECTION AND DISMANTLING. DO NOT USE IN ANY OTHER FASHION OR WITH ANY OTHER COMPONENT WITHOUT CONSULTING BRANDSAFWAY.
Component Identification

Section 1

### Deck Support: Plank-to-Plank

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Weight (lb)</th>
<th>Dim A (in)</th>
<th>Dim B (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDDSPP1</td>
<td>1'-0&quot; Plank-to-Plank</td>
<td>15.9</td>
<td>12&quot;</td>
<td>9 ¼&quot;</td>
</tr>
<tr>
<td>FDDSPP2</td>
<td>2'-0&quot; Plank-to-Plank</td>
<td>17.6</td>
<td>24&quot;</td>
<td>18 ¼&quot;</td>
</tr>
<tr>
<td>FDDSPP3</td>
<td>3'-0&quot; Plank-to-Plank</td>
<td>19.4</td>
<td>36&quot;</td>
<td>27 ¼&quot;</td>
</tr>
<tr>
<td>FDDSPP42</td>
<td>3'-6&quot; Plank-to-Plank</td>
<td>26.2</td>
<td>42&quot;</td>
<td>36 ¼&quot;</td>
</tr>
</tbody>
</table>

**Note:** SSP_Plank hook fits into this location.

### Deck Support: Plank-to-Horizontal

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Weight (lb)</th>
<th>Dim A (in)</th>
<th>Dim B (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDDSPH1*</td>
<td>1'-0&quot; Plank-to-Horizontal</td>
<td>12.4</td>
<td>12&quot;</td>
<td>9 ¼&quot;</td>
</tr>
<tr>
<td>FDDSPH2</td>
<td>2'-0&quot; Plank-to-Horizontal</td>
<td>14.6</td>
<td>24&quot;</td>
<td>20 ⅝&quot;</td>
</tr>
<tr>
<td>FDDSPH3</td>
<td>3'-0&quot; Plank-to-Horizontal</td>
<td>16.3</td>
<td>36&quot;</td>
<td>29 ⅞&quot;</td>
</tr>
<tr>
<td>FDDSPH42</td>
<td>3'-6&quot; Plank-to-Horizontal</td>
<td>22.2</td>
<td>42&quot;</td>
<td>38 ⅜&quot;</td>
</tr>
</tbody>
</table>

*Note: Fits one 6" wide SSP_Plank when used on Systems™ and SafLock®, and one 9" wide SSP_Plank when used on CupLok®.

**Note:** SSP_Plank hook fits into this location.
Component Identification

### Flex-Deck Guard Rail Posts

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDDSPC</td>
<td>Guard Rail Post Cup</td>
<td>13.4</td>
</tr>
<tr>
<td>FDDSPS</td>
<td>Guard Rail Post SVP</td>
<td>12.3</td>
</tr>
<tr>
<td>FDDSPR</td>
<td>Guard Rail Post Ring</td>
<td>12.0</td>
</tr>
</tbody>
</table>

### Guard Rail Post - SafLock®

```
19 ⅜" (500 mm)  37 ½"
10 ¼"

SB Snap Button
```

### Guard Rail Post - CupLok®

```
19 ⅜" (500 mm)  37 ½"
8 ¾"

SB Snap Button
```

### Guard Rail Post - Systems™

```
21"
9 ⅝"

SB Snap Button
```

### Flex-Deck Guard Rail Spigot

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDDSS</td>
<td>Guard Rail Spigot</td>
<td>3.9</td>
</tr>
</tbody>
</table>
Plank-to-Plank Deck Support Installation

- Rotate latch as shown.
- Engage slider over latch.
- Install SSP_Plank to secure latch in place.

* Ensure SSP_Plank and Horizontals will support all applied loads, including point loads from one (1) 250 worker, including tools.

Plank Lock - Unlocked Position

- Slider retracted
- Latch in unlocked position

Plank Lock - Locked Position

- Slider engaged
- SSP_Plank hook placed in this location
- Latch in locked position

* Rotate latch as shown.
* Engage slider over latch.
* Install SSP_Plank to secure latch in place.
Assembly Details

Cable Tie Locations

Tie-Down hook to horizontal using 300 lb all steel cable tie

Plank-to-Plank Deck Support - Fully Planked Platform

Obstruction

Deck Support FDDSPP_

Note: One SSP_Plank can support a maximum of two Flex-Deck supports on one side. Do not install Flex-Deck supports on both sides of one SSP_.

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**Assembly Details**

### Plank-to-Plank Deck Support - Installing Guard Rails

- **Flex-Deck Guard Rail Post FDDSP**
- **Toeboard SMT**
- **Guard Rail**

### Plank-to-Horizontal Deck Support - Fully Planked Platform

- **Obstruction**
- **Deck Support FDDSPH**
- **Spigot FDDS**
- **Tighten Clamp to approximately 45 ft-lb**
Assembly Details

Plank-to-Horizontal Deck Support - Installing Guard Rails

- Flex-Deck Guard Rail Post FDDSP
- Guard Rail
- Guard Rail
- Toeboard SMT

Plank-to-Horizontal Deck Support - Installing Guard Rails

- 3 ft Access Gate
- Ladder Access
- Guard Rail Post FDDSP
- Deck Support FDDSPH

Opening for ladder 2' X 3' minimum
Spigot tightened to approximately 45 ft-lb