

# GripStrip Scaffold Plank—Breault

## Proof Loading Solid Sawn DI65 Scaffold Plank

GripStrip Scaffold Plank Load & Span Chart	Total Load (pounds)			Maximum Span (feet)	Maximum Deflection (inches)
Load Supported over Specified Distance (inches) (Federal OSHA Duty Rating)	12"	24"	36"		
<b>Light Duty</b> (25 psi) (Workers-Minimal Storage of Materials)	265	280	285	10	2
<b>Medium Duty</b> (50 psi) (Workers-Some Storage of Materials)	390	425	460	7	13/a
<b>Heavy Duty</b> (75 psi) (Workers-Considerable Storage of Materials)	565	635	725	5	

1) Bending Stress  $F_b = 2200$  psi, MOE = 1,800,000 psi

2) The design properties for GripStrip" Scaffold Plank are based on dry use conditions. Dry conditions are defined as an environment whereas the moisture content does not exceed 19%.

3) Deflection Is Based On Federal OSHA Maximum Span ( In Inches) Divided by 60 - Flat Use.

## Safety Guidelines

### Osha Scaffold Platform Construction

What are scaffold platform construction requirements?

each platform must be planked and decked as fully as possible with the space between the platform and uprights not more than 1 inch (2.5 centimeters) wide. The space must not exceed 9 inches (24.1 centimeters) when side brackets or odd-shaped structures result in a wider opening between the platform and the uprights. **1926.451(b)(1)**

What are the requirements for scaffold planking?

Scaffold planking must be able to support, without failure, its own weight and at least four times the intended load.

**1926.451(a)(1)** Solid sawn wood, fabricated planks, and fabricated platforms may be used as scaffold planks following the recommendations by the manufacturer or a lumber grading association or inspection agency. Appendix A (1)(b) and (c) Tables showing maximum permissible spans, rated load capacity, and nominal thickness are in **Appendix A (1)(b) & (c) of the standard**

Source: A Guide To Scaffold Use in the Construction Industry, OSHA 3150, 2002 (Revised)